

- 1: Bailes J, Maroon J, Robinson S. Introduction. Neurosurg Focus. 2011 Nov;31(5):Introduction. PubMed PMID: 22044109.
- 2: Drazin D, Shirzadi A, Jeswani S, Ching H, Rosner J, Rasouli A, Kim T, Pashman R, Johnson JP. Direct surgical repair of spondylolysis in athletes: indications, techniques, and outcomes. Neurosurg Focus. 2011 Nov;31(5):E9. PubMed PMID: 22044108.
- 3: Hubbard ME, Jewell RP, Dumont TM, Rughani AI. Spinal injury patterns among skiers and snowboarders. Neurosurg Focus. 2011 Nov;31(5):E8. PubMed PMID: 22044107.
- 4: Clark AJ, Auguste KI, Sun PP. Cervical spinal stenosis and sports-related cervical cord neurapraxia. Neurosurg Focus. 2011 Nov;31(5):E7. PubMed PMID: 22044106.
- 5: Mattei TA, Bond BJ, Hafner JW, Morris MJ, Travis J, Hannah G, Webster J, Lin JJ. Definition and measurement of rider-intrinsic physical attributes influencing all-terrain vehicle safety. Neurosurg Focus. 2011 Nov;31(5):E6. PubMed PMID: 22044105.
- 6: Appelboom G, Zoller SD, Piazza MA, Szpalski C, Bruce SS, McDowell MM, Vaughan KA, Zacharia BE, Hickman Z, D'Ambrosio A, Feldstein NA, Anderson RC. Traumatic brain injury in pediatric patients: evidence for the effectiveness of decompressive surgery. Neurosurg Focus. 2011 Nov;31(5):E5. PubMed PMID: 22044104.
- 7: Curaudeau GA, Sharma N, Rovin RA. Development of an iPhone application for sideline concussion testing. Neurosurg Focus. 2011 Nov;31(5):E4. PubMed PMID: 22044103.
- 8: Omalu B, Hammers JL, Bailes J, Hamilton RL, Kamboh MI, Webster G, Fitzsimmons RP. Chronic traumatic encephalopathy in an Iraqi war veteran with posttraumatic stress disorder who committed suicide. Neurosurg Focus. 2011 Nov;31(5):E3. PubMed PMID: 22044102.
- 9: Dubourg J, Messerer M. Sports-related chronic repetitive head trauma as a cause of pituitary dysfunction. Neurosurg Focus. 2011 Nov;31(5):E2. PubMed PMID: 22044101.
- 10: Cho D, Saetia K, Lee S, Kline DG, Kim DH. Peroneal nerve injury associated with sports-related knee injury. Neurosurg Focus. 2011 Nov;31(5):E11. PubMed PMID: 22044100.
- 11: Lee S, Saetia K, Saha S, Kline DG, Kim DH. Axillary nerve injury associated with sports. Neurosurg Focus. 2011 Nov;31(5):E10. PubMed PMID: 22044099.
- 12: Kolodziej MA, Koblitz S, Nimsky C, Hellwig D. Mechanisms and consequences of head injuries in soccer: a study of 451 patients. Neurosurg Focus. 2011 Nov;31(5):E1. PubMed PMID: 22044098.
- 13: Hsieh PC, Gokaslan ZL. Complications of spine surgery. Neurosurg Focus. 2011 Oct;31(4):1 p preceding E1. PubMed PMID: 21961873.
- 14: Wu JC, Huang WC, Tsai HW, Ko CC, Wu CL, Tu TH, Cheng H. Pedicle screw loosening in dynamic stabilization: incidence, risk, and outcome in 126 patients. Neurosurg Focus. 2011 Oct;31(4):E9. PubMed PMID: 21961872.
- 15: Gautschi OP, Schatlo B, Schaller K, Tessitore E. Clinically relevant complications related to pedicle screw placement in thoracolumbar surgery and their management: a literature review of 35,630 pedicle screws. Neurosurg Focus. 2011 Oct;31(4):E8. PubMed PMID: 21961871.
- 16: Mazur MD, Mumert ML, Bisson EF, Schmidt MH. Avoiding pitfalls in anterior screw fixation for Type

II odontoid fractures. Neurosurg Focus. 2011 Oct;31(4):E7. PubMed PMID: 21961870.

17: Than KD, Wang AC, Rahman SU, Wilson TJ, Valdivia JM, Park P, La Marca F. Complication avoidance and management in anterior lumbar interbody fusion. Neurosurg Focus. 2011 Oct;31(4):E6. PubMed PMID: 21961869.

18: Hsu W, Kretzer RM, Dorsi MJ, Gokaslan ZL. Strategies to avoid wrong-site surgery during spinal procedures. Neurosurg Focus. 2011 Oct;31(4):E5. PubMed PMID: 21961868.

19: Moller DJ, Slimack NP, Acosta FL Jr, Koski TR, Fessler RG, Liu JC. Minimally invasive lateral lumbar interbody fusion and transpsoas approach-related morbidity. Neurosurg Focus. 2011 Oct;31(4):E4. PubMed PMID: 21961867.

20: Drazin D, Shirzadi A, Rosner J, Eboli P, Safaei M, Baron EM, Liu JC, Acosta FL Jr. Complications and outcomes after spinal deformity surgery in the elderly: review of the existing literature and future directions. Neurosurg Focus. 2011 Oct;31(4):E3. PubMed PMID: 21961866.

21: Kunes J, Thompson GH, Manjila S, Poe-Kochert C, Cohen AR. Idiopathic intracranial hypertension following spinal deformity surgery in children. Neurosurg Focus. 2011 Oct;31(4):E20. PubMed PMID: 21961865.

22: Hussain NS, Perez-Cruet MJ. Complication management with minimally invasive spine procedures. Neurosurg Focus. 2011 Oct;31(4):E2. PubMed PMID: 21961864.

23: Sivakumar W, Elder JB, Bilsky MH. Cervical juxtafacet cyst after anterior cervical discectomy and fusion. Neurosurg Focus. 2011 Oct;31(4):E19. PubMed PMID: 21961863.

24: Dakwar E, Le TV, Baaj AA, Le AX, Smith WD, Akbarnia BA, Uribe JS. Abdominal wall paresis as a complication of minimally invasive lateral transpsoas interbody fusion. Neurosurg Focus. 2011 Oct;31(4):E18. PubMed PMID: 21961862.

25: Hofstetter CP, James AR, Härtl R. Revision strategies for AxiaLIF. Neurosurg Focus. 2011 Oct;31(4):E17. PubMed PMID: 21961861.

26: Shih P, Slimack NP, Roy A, Fessler RG, Koski TR. Abdominal complications following posterior spinal fusion in patients with previous abdominal surgeries. Neurosurg Focus. 2011 Oct;31(4):E16. PubMed PMID: 21961860.

27: Ruban D, O'Toole JE. Management of incidental durotomy in minimally invasive spine surgery. Neurosurg Focus. 2011 Oct;31(4):E15. PubMed PMID: 21961859.

28: Krisht KM, Mumert ML, Schmidt MH. Management considerations and strategies to avoid complications associated with the thoracoscopic approach for corpectomy. Neurosurg Focus. 2011 Oct;31(4):E14. PubMed PMID: 21961858.

29: Nagasawa DT, Smith ZA, Cremer N, Fong C, Lu DC, Yang I. Complications associated with the treatment for spinal ependymomas. Neurosurg Focus. 2011 Oct;31(4):E13. PubMed PMID: 21961857.

30: Gandhoke G, Wu JC, Rowland NC, Meyer SA, Gupta C, Mummaneni PV. Anterior corpectomy versus posterior laminoplasty: is the risk of postoperative C-5 palsy different? Neurosurg Focus. 2011 Oct;31(4):E12. PubMed PMID: 21961856.

31: Helgeson MD, Lehman RA Jr, Dmitriev AE, Kang DG, Sasso RC, Tannoury C, Riew KD. Accuracy of

the freehand technique for 3 fixation methods in the C-2 vertebrae. *Neurosurg Focus*. 2011 Oct;31(4):E11. PubMed PMID: 21961855.

32: Campbell PG, Yadla S, Malone J, Maltenfort MG, Harrop JS, Sharan AD, Ratliff JK. Complications related to instrumentation in spine surgery: a prospective analysis. *Neurosurg Focus*. 2011 Oct;31(4):E10. PubMed PMID: 21961854.

33: Walcott BP, Coumans JV, Kahle KT. Diagnostic pitfalls in spine surgery: masqueraders of surgical spine disease. *Neurosurg Focus*. 2011 Oct;31(4):E1. PubMed PMID: 21961853.

34: Proctor MR, Scott RM, Oakes WJ, Muraszko KM. Chiari malformation. *Neurosurg Focus*. 2011 Sep;31(3):Introduction. PubMed PMID: 21882911.

35: Mauer UM, Gottschalk A, Mueller C, Weselek L, Kunz U, Schulz C. Standard and cardiac-gated phase-contrast magnetic resonance imaging in the clinical course of patients with Chiari malformation Type I. *Neurosurg Focus*. 2011 Sep;31(3):E5. PubMed PMID: 21882910.

36: Coumans JV, Walcott BP, Butler WE, Nahed BV, Kahle KT. Volumetric analysis of syringomyelia following hindbrain decompression for Chiari malformation Type I: syringomyelia resolution follows exponential kinetics. *Neurosurg Focus*. 2011 Sep;31(3):E4. PubMed PMID: 21882909.

37: Loukas M, Shayota BJ, Oelhafen K, Miller JH, Chern JJ, Tubbs RS, Oakes WJ. Associated disorders of Chiari Type I malformations: a review. *Neurosurg Focus*. 2011 Sep;31(3):E3. PubMed PMID: 21882908.

38: Strahle J, Muraszko KM, Buchman SR, Kapurch J, Garton HJ, Maher CO. Chiari malformation associated with craniosynostosis. *Neurosurg Focus*. 2011 Sep;31(3):E2. PubMed PMID: 21882907.

39: Schanker BD, Walcott BP, Nahed BV, Kahle KT, Li YM, Coumans JV. Familial Chiari malformation: case series. *Neurosurg Focus*. 2011 Sep;31(3):E1. PubMed PMID: 21882906.

40: Persing J, Jane JA, Jane JA. Craniofacial deformity. *Neurosurg Focus*. 2011 Aug;31(2). doi: 10.3171/2011.6.FOCUS11171. PubMed PMID: 21806347.

41: Chim H, Manjila S, Cohen AR, Gosain AK. Molecular signaling in pathogenesis of craniosynostosis: the role of fibroblast growth factor and transforming growth factor- β . *Neurosurg Focus*. 2011 Aug;31(2):E7. doi: 10.3171/2011.5.FOCUS11197. PubMed PMID: 21806346.

42: Rivero-Garvía M, Márquez-Rivas FJ, García-Iglesias A, Gutiérrez-González R. Intracranial hypertension in 2 cases of craniometaphyseal dysplasia: differing surgical options. *Neurosurg Focus*. 2011 Aug;31(2):E6. doi: 10.3171/2011.4.FOCUS11126. PubMed PMID: 21806345.

43: Berry-Candelario J, Ridgway EB, Grondin RT, Rogers GF, Proctor MR. Endoscope-assisted strip craniectomy and postoperative helmet therapy for treatment of craniosynostosis. *Neurosurg Focus*. 2011 Aug;31(2):E5. doi: 10.3171/2011.6.FOCUS11198. PubMed PMID: 21806344.

44: Mesa JM, Fang F, Muraszko KM, Buchman SR. Reconstruction of unicoronal plagiocephaly with a hypercorrection surgical technique. *Neurosurg Focus*. 2011 Aug;31(2):E4. doi: 10.3171/2011.6.FOCUS11193. PubMed PMID: 21806343.

45: Rottgers SA, Kim PD, Kumar AR, Cray JJ, Losee JE, Pollack IF. Cranial vault remodeling for sagittal craniosynostosis in older children. *Neurosurg Focus*. 2011 Aug;31(2):E3. doi: 10.3171/2011.5.FOCUS11196. PubMed PMID: 21806342.

46: Turner JS, Travieso R, Lee SS, Forte AJ, Patel A, Persing JA. Combined metopic and sagittal craniosynostosis: is it worse than sagittal synostosis alone? *Neurosurg Focus*. 2011 Aug;31(2):E2. doi: 10.3171/2011.6.FOCUS11100. PubMed PMID: 21806341.

47: Szpalski C, Weichman K, Sagebin F, Warren SM. Need for standard outcome reporting systems in craniosynostosis. *Neurosurg Focus*. 2011 Aug;31(2):E1. doi: 10.3171/2011.6.FOCUS1192. PubMed PMID: 21806340.

48: Oyesiku NM, Post KD. Rathke cleft cysts. *Neurosurg Focus*. 2011 Jul;31(1):Introduction. PubMed PMID: 21721870.

49: Sivakumar W, Cole CD, Couldwell WT. Rathke cleft cyst presenting with hyponatremia: an unusual presentation. *Neurosurg Focus*. 2011 Jul;31(1):E4. PubMed PMID: 21721869.

50: Jahangiri A, Molinaro AM, Tarapore PE, Blevins L Jr, Auguste KI, Gupta N, Kunwar S, Aghi MK. Rathke cleft cysts in pediatric patients: presentation, surgical management, and postoperative outcomes. *Neurosurg Focus*. 2011 Jul;31(1):E3. PubMed PMID: 21721868.

51: Higgins DM, Van Gompel JJ, Nippoldt TB, Meyer FB. Symptomatic Rathke cleft cysts: extent of resection and surgical complications. *Neurosurg Focus*. 2011 Jul;31(1):E2. PubMed PMID: 21721867.

52: Zada G. Rathke cleft cysts: a review of clinical and surgical management. *Neurosurg Focus*. 2011 Jul;31(1):E1. PubMed PMID: 21721866.

53: Albuquerque FC. Computed tomography perfusion. *Neurosurg Focus*. 2011 Jun;30(6):E9. PubMed PMID: 21631233.

54: Zussman B, Jabbour P, Talekar K, Gorniak R, Flanders AE. Sources of variability in computed tomography perfusion: implications for acute stroke management. *Neurosurg Focus*. 2011 Jun;30(6):E8. PubMed PMID: 21631232.

55: Ishkanian AA, McCullough-Hicks ME, Appelboom G, Piazza MA, Hwang BY, Bruce SS, Hannan LM, Connolly ES, Lavine SD, Meyers PM. Improving patient selection for endovascular treatment of acute cerebral ischemia: a review of the literature and an external validation of the Houston IAT and THRIVE predictive scoring systems. *Neurosurg Focus*. 2011 Jun;30(6):E7. PubMed PMID: 21631231.

56: Amenta PS, Ali MS, Dumont AS, Gonzalez LF, Tjoumakaris SI, Hasan D, Rosenwasser RH, Jabbour P. Computed tomography perfusion-based selection of patients for endovascular recanalization. *Neurosurg Focus*. 2011 Jun;30(6):E6. PubMed PMID: 21631230.

57: Duffis EJ, Al-Qudah Z, Prestigiacomo CJ, Gandhi C. Advanced neuroimaging in acute ischemic stroke: extending the time window for treatment. *Neurosurg Focus*. 2011 Jun;30(6):E5. PubMed PMID: 21631229.

58: Kan PT, Snyder KV, Yashar P, Siddiqui AH, Hopkins LN, Levy EI. Utility of CT perfusion scanning in patient selection for acute stroke intervention: experience at University at Buffalo Neurosurgery-Millard Fillmore Gates Circle Hospital. *Neurosurg Focus*. 2011 Jun;30(6):E4. PubMed PMID: 21631228.

59: Mack WJ. Re: Evidence-based treatment of carotid stenosis: is the evidence strong enough? *Neurosurg Focus*. 2011 Jun;30(6):E3. PubMed PMID: 21631227.

60: Gross BA, Lin N, Du R, Day AL. The natural history of intracranial cavernous malformations. *Neurosurg Focus*. 2011 Jun;30(6):E24. PubMed PMID: 21631226.

- 61: Kim TG, Kim NK, Baek MJ, Huh R, Chung SS, Choi JU, Yu SY. The relationships between endothelial nitric oxide synthase polymorphisms and the formation of intracranial aneurysms in the Korean population. *Neurosurg Focus*. 2011 Jun;30(6):E23. PubMed PMID: 21631225.
- 62: Dubourg J, Messerer M. State of the art in managing nontraumatic intracerebral hemorrhage. *Neurosurg Focus*. 2011 Jun;30(6):E22. PubMed PMID: 21631224.
- 63: Weinberg DG, Rahme RJ, Aoun SG, Batjer HH, Bendok BR. Moyamoya disease: functional and neurocognitive outcomes in the pediatric and adult populations. *Neurosurg Focus*. 2011 Jun;30(6):E21. PubMed PMID: 21631223.
- 64: Weinberg DG, Arnaout OM, Rahme RJ, Aoun SG, Batjer HH, Bendok BR. Moyamoya disease: a review of histopathology, biochemistry, and genetics. *Neurosurg Focus*. 2011 Jun;30(6):E20. PubMed PMID: 21631222.
- 65: Young KC, Jain A, Jain M, Replogle RE, Benesch CG, Jahromi BS. Evidence-based treatment of carotid artery stenosis. *Neurosurg Focus*. 2011 Jun;30(6):E2. PubMed PMID: 21631221.
- 66: Walcott BP, Nahed BV, Kahle KT, Redjal N, Coumans JV. Determination of geographic variance in stroke prevalence using Internet search engine analytics. *Neurosurg Focus*. 2011 Jun;30(6):E19. PubMed PMID: 21631220.
- 67: Arnaout OM, Aoun SG, Batjer HH, Bendok BR. Decompressive hemicraniectomy after malignant middle cerebral artery infarction: rationale and controversies. *Neurosurg Focus*. 2011 Jun;30(6):E18. PubMed PMID: 21631219.
- 68: Groysman LI, Emanuel BA, Kim-Tenser MA, Sung GY, Mack WJ. Therapeutic hypothermia in acute ischemic stroke. *Neurosurg Focus*. 2011 Jun;30(6):E17. PubMed PMID: 21631218.
- 69: Schirmer CM, Atalay B, Malek AM. Endovascular recanalization of symptomatic flow-limiting cervical carotid dissection in an isolated hemisphere. *Neurosurg Focus*. 2011 Jun;30(6):E16. PubMed PMID: 21631217.
- 70: Ding D, Liu KC. Applications of stenting for intracranial atherosclerosis. *Neurosurg Focus*. 2011 Jun;30(6):E15. PubMed PMID: 21631216.
- 71: Vellimana AK, Ford AL, Lee JM, Derdeyn CP, Zipfel GJ. Symptomatic intracranial arterial disease: incidence, natural history, diagnosis, and management. *Neurosurg Focus*. 2011 Jun;30(6):E14. PubMed PMID: 21631215.
- 72: Ghobrial GM, Nair AK, Dalyai RT, Jabbour P, Tjoumakaris SI, Dumont AS, Rosenwasser RH, Gonzalez LF. Contrast stasis on noncontrast computed tomography as a predictor of stroke postthrombolysis. *Neurosurg Focus*. 2011 Jun;30(6):E13. PubMed PMID: 21631214.
- 73: Kojuri J, Ostovan MA, Zamiri N, Farshchizarabi S, Varavipoor B. Hemodynamic instability following carotid artery stenting. *Neurosurg Focus*. 2011 Jun;30(6):E12. PubMed PMID: 21631213.
- 74: Albuquerque FC. Endovascular stroke therapy. *Neurosurg Focus*. 2011 Jun;30(6):E11. PubMed PMID: 21631212.
- 75: Day JS, Hurley MC, Chmayssani M, Rahme RJ, Alberts MJ, Bernstein RA, Dabus G, Shaibani A, Bendok BR. Endovascular stroke therapy: a single-center retrospective review. *Neurosurg Focus*. 2011 Jun;30(6):E10. PubMed PMID: 21631211.

76: Manjila S, Masri T, Shams T, Chowdhry SA, Sila C, Selman WR. Evidence-based review of primary and secondary ischemic stroke prevention in adults: a neurosurgical perspective. *Neurosurg Focus*. 2011 Jun;30(6):E1. PubMed PMID: 21631210.

77: Couldwell WT, Heros R, Dolenc V. Skull base meningiomas. *Neurosurg Focus*. 2011 May;30(5):1p prior to E1. PubMed PMID: 21529181.

78: Burkhardt JK, Zinn PO, Graenicher M, Santillan A, Bozinov O, Kasper EM, Krayenbühl N. Predicting postoperative hydrocephalus in 227 patients with skull base meningioma. *Neurosurg Focus*. 2011 May;30(5):E9. PubMed PMID: 21529180.

79: Bekelis K, Valdés PA, Erkmen K, Leblond F, Kim A, Wilson BC, Harris BT, Paulsen KD, Roberts DW. Quantitative and qualitative 5-aminolevulinic acid-induced protoporphyrin IX fluorescence in skull base meningiomas. *Neurosurg Focus*. 2011 May;30(5):E8. PubMed PMID: 21529179; PubMed Central PMCID: PMC3116440.

80: Pham MH, Zada G, Mosich GM, Chen TC, Giannotta SL, Wang K, Mack WJ. Molecular genetics of meningiomas: a systematic review of the current literature and potential basis for future treatment paradigms. *Neurosurg Focus*. 2011 May;30(5):E7. Review. PubMed PMID: 21529178.

81: Choy W, Kim W, Nagasawa D, Stramotas S, Yew A, Gopen Q, Parsa AT, Yang I. The molecular genetics and tumor pathogenesis of meningiomas and the future directions of meningioma treatments. *Neurosurg Focus*. 2011 May;30(5):E6. Review. PubMed PMID: 21529177.

82: Avcı E, Aktüre E, Seçkin H, Uluç K, Bauer AM, Izci Y, Morcos JJ, Başkaya MK. Level I to III craniofacial approaches based on Barrow classification for treatment of skull base meningiomas: surgical technique, microsurgical anatomy, and case illustrations. *Neurosurg Focus*. 2011 May;30(5):E5. PubMed PMID: 21529176.

83: Couldwell WT. Endoscopic endonasal approach to anterior skull base meningiomas. *Neurosurg Focus*. 2011 May;30(5):E4. PubMed PMID: 21529175.

84: Liu JK, Christiano LD, Patel SK, Tubbs RS, Eloy JA. Surgical nuances for removal of olfactory groove meningiomas using the endoscopic endonasal transcribriform approach. *Neurosurg Focus*. 2011 May;30(5):E3. PubMed PMID: 21529174.

85: Liu JK, Christiano LD, Patel SK, Tubbs RS, Eloy JA. Surgical nuances for removal of tuberculum sellae meningiomas with optic canal involvement using the endoscopic endonasal extended transsphenoidal transplanum transtuberculum approach. *Neurosurg Focus*. 2011 May;30(5):E2. PubMed PMID: 21529173.

86: Fahlbusch R, Gerganov VM. Endonasal versus transcranial resection. *Neurosurg Focus*. 2011 May;30(5):E16. PubMed PMID: 21529172.

87: Van Gompel JJ, Frank G, Pasquini E, Zoli M, Hoover J, Lanzino G. Expanded endonasal endoscopic resection of anterior fossa meningiomas: report of 13 cases and meta-analysis of the literature. *Neurosurg Focus*. 2011 May;30(5):E15. PubMed PMID: 21529171.

88: Roche PH, Lubrano V, Noudel R, Melot A, Régis J. Decision making for the surgical approach of posterior petrous bone meningiomas. *Neurosurg Focus*. 2011 May;30(5):E14. PubMed PMID: 21529170.

89: Gibbons BA, Miele WR, Florman JE, Heilman CB, Horgan MA. Pneumosinus dilataans and

meningioma: a case series and review of the literature. *Neurosurg Focus*. 2011 May;30(5):E13. Review. PubMed PMID: 21529169.

90: Taha AN, Erkmen K, Dunn IF, Pravdenkova S, Al-Mefty O. Meningiomas involving the optic canal: pattern of involvement and implications for surgical technique. *Neurosurg Focus*. 2011 May;30(5):E12. PubMed PMID: 21529168.

91: Schulz C, Mathieu R, Kunz U, Mauer UM. Treatment of unresectable skull base meningiomas with somatostatin analogs. *Neurosurg Focus*. 2011 May;30(5):E11. PubMed PMID: 21529167.

92: Schirmer CM, Heilman CB. Hemangiopericytomas of the skull base. *Neurosurg Focus*. 2011 May;30(5):E10. PubMed PMID: 21529166.

93: Bowers CA, Altay T, Couldwell WT. Surgical decision-making strategies in tuberculum sellae meningioma resection. *Neurosurg Focus*. 2011 May;30(5):E1. PubMed PMID: 21529165.

94: Kuo LT, Chen CM, Li CH, Tsai JC, Chiu HC, Liu LC, Tu YK, Huang AP. Early endoscope-assisted hematoma evacuation in patients with supratentorial intracerebral hemorrhage: case selection, surgical technique, and long-term results. *Neurosurg Focus*. 2011 Apr;30(4):E9. PubMed PMID: 21456936.

95: Schirmer CM, Heilman CB. Complete endoscopic removal of colloid cyst using a nitinol basket retriever. *Neurosurg Focus*. 2011 Apr;30(4):E8. PubMed PMID: 21456935.

96: Mauer UM, Gottschalk A, Kunz U, Schulz C. Arachnoscapy: a special application of spinal intradural endoscopy. *Neurosurg Focus*. 2011 Apr;30(4):E7. PubMed PMID: 21456934.

97: Dlouhy BJ, Dahdaleh NS, Greenlee JD. Emerging technology in intracranial neuroendoscopy: application of the NICO Myriad. *Neurosurg Focus*. 2011 Apr;30(4):E6. PubMed PMID: 21456933.

98: Kalhorn SP, Strom RG, Harter DH. Idiopathic bilateral stenosis of the foramina of Monro treated using endoscopic foraminoplasty and septostomy. *Neurosurg Focus*. 2011 Apr;30(4):E5. PubMed PMID: 21456932.

99: Mohanty A, Santosh V, Devi BI, Satish S, Biswas A. Efficacy of simultaneous single-trajectory endoscopic tumor biopsy and endoscopic cerebrospinal fluid diversion procedures in intra- and paraventricular tumors. *Neurosurg Focus*. 2011 Apr;30(4):E4. PubMed PMID: 21456931.

100: Morgenstern PF, Osbun N, Schwartz TH, Greenfield JP, Tsiouris AJ, Souweidane MM. Pineal region tumors: an optimal approach for simultaneous endoscopic third ventriculostomy and biopsy. *Neurosurg Focus*. 2011 Apr;30(4):E3. PubMed PMID: 21456930.

101: Oppido PA, Fiorindi A, Benvenuti L, Cattani F, Cipri S, Gangemi M, Godano U, Longatti P, Mascari C, Morace E, Tosatto L. Neuroendoscopic biopsy of ventricular tumors: a multicentric experience. *Neurosurg Focus*. 2011 Apr;30(4):E2. PubMed PMID: 21456929.

102: Filho FV, Coelho G, Cavalheiro S, Lyra M, Zymberg ST. Quality assessment of a new surgical simulator for neuroendoscopic training. *Neurosurg Focus*. 2011 Apr;30(4):E17. PubMed PMID: 21456928.

103: Hsieh PC. Thoracic discectomy and plating. *Neurosurg Focus*. 2011 Apr;30(4):E16. PubMed PMID: 21456927.

- 104: Bisson EF, Jost GF, Apfelbaum RI, Schmidt MH. Thoracoscopic discectomy and instrumented fusion using a minimally invasive plate system: surgical technique and early clinical outcome. *Neurosurg Focus*. 2011 Apr;30(4):E15. PubMed PMID: 21456926.
- 105: Liu JK, Christiano LD, Patel SK, Eloy JA. Surgical nuances for removal of retrochiasmatic craniopharyngioma via the endoscopic endonasal extended transsphenoidal transplanum transtuberculum approach. *Neurosurg Focus*. 2011 Apr;30(4):E14. PubMed PMID: 21456925.
- 106: Garcia-Navarro V, Lancman G, Guerrero-Maldonado A, Anand VK, Schwartz TH. Use of a side-cutting aspiration device for resection of tumors during endoscopic endonasal approaches. *Neurosurg Focus*. 2011 Apr;30(4):E13. PubMed PMID: 21456924.
- 107: Wang YY, Srirathan V, Tirr E, Kearney T, Gnanalingham KK. Nasal symptoms following endoscopic transsphenoidal pituitary surgery: assessment using the General Nasal Patient Inventory. *Neurosurg Focus*. 2011 Apr;30(4):E12. PubMed PMID: 21456923.
- 108: Messerer M, De Battista JC, Raverot G, Kassis S, Dubourg J, Lapras V, Trouillas J, Perrin G, Jouanneau E. Evidence of improved surgical outcome following endoscopy for nonfunctioning pituitary adenoma removal. *Neurosurg Focus*. 2011 Apr;30(4):E11. PubMed PMID: 21456922.
- 109: Hofstetter CP, Shin BJ, Mubita L, Huang C, Anand VK, Boockvar JA, Schwartz TH. Endoscopic endonasal transsphenoidal surgery for functional pituitary adenomas. *Neurosurg Focus*. 2011 Apr;30(4):E10. PubMed PMID: 21456921.
- 110: Faggini R, Calderone M, Denaro L, Meneghini L, d'Avella D. Long-term operative failure of endoscopic third ventriculostomy in pediatric patients: the role of cine phase-contrast MR imaging. *Neurosurg Focus*. 2011 Apr;30(4):E1. PubMed PMID: 21456920.
- 111: Hsieh PC, Wang MY. Introduction. Ossification of the posterior longitudinal ligament. *Neurosurg Focus*. 2011 Mar;30(3):1 p preceding E1. PubMed PMID: 21434825.
- 112: Shin JH, Steinmetz MP, Benzel EC, Krishnaney AA. Dorsal versus ventral surgery for cervical ossification of the posterior longitudinal ligament: considerations for approach selection and review of surgical outcomes. *Neurosurg Focus*. 2011 Mar;30(3):E8. PubMed PMID: 21434824.
- 113: Stetler WR, La Marca F, Park P. The genetics of ossification of the posterior longitudinal ligament. *Neurosurg Focus*. 2011 Mar;30(3):E7. PubMed PMID: 21434823.
- 114: Stapleton CJ, Pham MH, Attenello FJ, Hsieh PC. Ossification of the posterior longitudinal ligament: genetics and pathophysiology. *Neurosurg Focus*. 2011 Mar;30(3):E6. PubMed PMID: 21434822.
- 115: Wu JC, Liu L, Chen YC, Huang WC, Chen TJ, Cheng H. Ossification of the posterior longitudinal ligament in the cervical spine: an 11-year comprehensive national epidemiology study. *Neurosurg Focus*. 2011 Mar;30(3):E5. PubMed PMID: 21434821.
- 116: Wang MY, Thambuswamy M. Ossification of the posterior longitudinal ligament in non-Asians: demographic, clinical, and radiographic findings in 43 patients. *Neurosurg Focus*. 2011 Mar;30(3):E4. PubMed PMID: 21434820.
- 117: Sugrue PA, McClendon J Jr, Halpin RJ, Liu JC, Koski TR, Ganju A. Surgical management of cervical ossification of the posterior longitudinal ligament: natural history and the role of surgical decompression and stabilization. *Neurosurg Focus*. 2011 Mar;30(3):E3. PubMed PMID: 21434819.

- 118: Pham MH, Attenello FJ, Lucas J, He S, Stapleton CJ, Hsieh PC. Conservative management of ossification of the posterior longitudinal ligament. A review. *Neurosurg Focus*. 2011 Mar;30(3):E2. PubMed PMID: 21434818.
- 119: Saetia K, Cho D, Lee S, Kim DH, Kim SD. Ossification of the posterior longitudinal ligament: a review. *Neurosurg Focus*. 2011 Mar;30(3):E1. PubMed PMID: 21434817.
- 120: Pati S, Abila AA, Rekate HL, Ng YT. Repeat surgery for hypothalamic hamartoma in refractory epilepsy. *Neurosurg Focus*. 2011 Feb;30(2):E3. PubMed PMID: 21374831.
- 121: Wait SD, Abila AA, Killory BD, Nakaji P, Rekate HL. Surgical approaches to hypothalamic hamartomas. *Neurosurg Focus*. 2011 Feb;30(2):E2. PubMed PMID: 21374830.
- 122: Rosenfeld JV. The evolution of treatment for hypothalamic hamartoma: a personal odyssey. *Neurosurg Focus*. 2011 Feb;30(2):E1. PubMed PMID: 21374829.
- 123: Rekate HL. Management of hypothalamic hamartomas: progress due to alignment of the stars. *Neurosurg Focus*. 2011 Feb;30(2):Introduction. PubMed PMID: 21370583.
- 124: Meyer SA, Wu JC, Mummaneni PV. Laminoplasty outcomes: is there a difference between patients with degenerative stenosis and those with ossification of the posterior longitudinal ligament? *Neurosurg Focus*. 2011 Mar;30(3):E9. PubMed PMID: 21361755.
- 125: McClendon J Jr, Sugrue PA, Ganju A, Koski TR, Liu JC. Management of ossification of the posterior longitudinal ligament of the thoracic spine. *Neurosurg Focus*. 2011 Mar;30(3):E16. PubMed PMID: 21361754.
- 126: Christiano LD, Assina R, Goldstein IM. Ossification of the ligamentum flavum: a unique report of a Hispanic woman. *Neurosurg Focus*. 2011 Mar;30(3):E15. PubMed PMID: 21361753.
- 127: Jones J, Lerner A, Kim PE, Law M, Hsieh PC. Diffusion tensor imaging in the assessment of ossification of the posterior longitudinal ligament: a report on preliminary results in 3 cases and review of the literature. *Neurosurg Focus*. 2011 Mar;30(3):E14. PubMed PMID: 21361752.
- 128: Mazur M, Jost GF, Schmidt MH, Bisson EF. Management of cerebrospinal fluid leaks after anterior decompression for ossification of the posterior longitudinal ligament: a review of the literature. *Neurosurg Focus*. 2011 Mar;30(3):E13. PubMed PMID: 21361751.
- 129: Cardoso MJ, Koski TR, Ganju A, Liu JC. Approach-related complications after decompression for cervical ossification of the posterior longitudinal ligament. *Neurosurg Focus*. 2011 Mar;30(3):E12. PubMed PMID: 21361750.
- 130: Kalb S, Martirosyan NL, Perez-Orribo L, Kalani MY, Theodore N. Analysis of demographics, risk factors, clinical presentation, and surgical treatment modalities for the ossified posterior longitudinal ligament. *Neurosurg Focus*. 2011 Mar;30(3):E11. PubMed PMID: 21361749.
- 131: Smith ZA, Buchanan CC, Raphael D, Khoo LT. Ossification of the posterior longitudinal ligament: pathogenesis, management, and current surgical approaches. A review. *Neurosurg Focus*. 2011 Mar;30(3):E10. PubMed PMID: 21361748.
- 132: Gross D, Schäfer G. Egas Moniz (1874-1955) and the "invention" of modern psychosurgery: a historical and ethical reanalysis under special consideration of Portuguese original sources. *Neurosurg Focus*. 2011 Feb;30(2):E8. Erratum in: *Neurosurg Focus*. 2011 Apr;30(4).doi:

10.3171/2011.3.FOCUS10214a. PubMed PMID: 21284454.

133: Dorfer C, Kasprian G, Mühlebner A, Czech T. Giant solid-cystic hypothalamic hamartoma. Case report. *Neurosurg Focus*. 2011 Feb;30(2):E7. PubMed PMID: 21284453.

134: Abula AA, Wait SD, Forbes JA, Pati S, Johnsonbaugh RE, Kerrigan JF, Ng YT. Syndrome of alternating hypernatremia and hyponatremia after hypothalamic hamartoma surgery. *Neurosurg Focus*. 2011 Feb;30(2):E6. PubMed PMID: 21284452.

135: Pati S, Rastogi RG, Abula AA, Rekate HL, Ng YT. Long-term outcome after emergency resection of hypothalamic hamartomas for status gelasticus. *Neurosurg Focus*. 2011 Feb;30(2):E5. PubMed PMID: 21284451.

136: Marras CE, Rizzi M, Villani F, Messina G, Deleo F, Cordella R, Franzini A. Deep brain stimulation for the treatment of drug-refractory epilepsy in a patient with a hypothalamic hamartoma. Case report. *Neurosurg Focus*. 2011 Feb;30(2):E4. PubMed PMID: 21284450.

137: Raffel C, Rutka JT. Central nervous system primitive neuroectodermal tumors: still a useful classification? *Neurosurg Focus*. 2011 Jan;30(1):Introduction. PubMed PMID: 21194277.

138: Chan M, Herrera SR, Neckrysh S, Wallace A, Valyi-Nagy T, Charbel FT. Primitive neuroectodermal tumor after radiation therapy for craniopharyngioma. *Neurosurg Focus*. 2011 Jan;30(1):E3. PubMed PMID: 21194276.

139: Manjila S, Ray A, Hu Y, Cai DX, Cohen ML, Cohen AR. Embryonal tumors with abundant neuropil and true rosettes: 2 illustrative cases and a review of the literature. *Neurosurg Focus*. 2011 Jan;30(1):E2. Review. PubMed PMID: 21194275.

140: Ellis JA, Rothrock RJ, Moise G, McCormick PC 2nd, Tanji K, Canoll P, Kaiser MG, McCormick PC. Primitive neuroectodermal tumors of the spine: a comprehensive review with illustrative clinical cases. *Neurosurg Focus*. 2011 Jan;30(1):E1. Review. PubMed PMID: 21194274.

141: Prestigiacomo CJ, Krieger M. Deformations and malformations: the history of induced and congenital skull deformity. *Neurosurg Focus*. 2010 Dec;29(6):Introduction. PubMed PMID: 21121723.

142: Szpalski C, Barr J, Wetterau M, Saadeh PB, Warren SM. Cranial bone defects: current and future strategies. *Neurosurg Focus*. 2010 Dec;29(6):E8. Review. PubMed PMID: 21121722.

143: Manjila S, Chim H, Eisele S, Chowdhry SA, Gosain AK, Cohen AR. History of the Kleeblattschädel deformity: origin of concepts and evolution of management in the past 50 years. *Neurosurg Focus*. 2010 Dec;29(6):E7. PubMed PMID: 21121721.

144: Maher CO, Buchman SR, O'Hara E, Cohen-Gadol AA. Harvey Cushing's experience with cranial deformity. *Neurosurg Focus*. 2010 Dec;29(6):E6. PubMed PMID: 21121720.

145: Mehta VA, Bettegowda C, Jallo GI, Ahn ES. The evolution of surgical management for craniosynostosis. *Neurosurg Focus*. 2010 Dec;29(6):E5. Review. PubMed PMID: 21121719.

146: Gump W. Modern induced skull deformity in adults. *Neurosurg Focus*. 2010 Dec;29(6):E4. PubMed PMID: 21121718.

147: Enchev Y, Nedelkov G, Atanassova-Timeva N, Jordanov J. Paleoneurosurgical aspects of Proto-Bulgarian artificial skull deformations. *Neurosurg Focus*. 2010 Dec;29(6):E3. PubMed PMID: 21121717.

148: Romero-Vargas S, Ruiz-Sandoval JL, Sotomayor-González A, Revuelta-Gutiérrez R, Celis-López MA, Gómez-Amador JL, García-González U, López-Serna R, García-Navarro V, Mendez-Rosito D, Correa-Correa V, Gómez-Llata S. A look at Mayan artificial cranial deformation practices: morphological and cultural aspects. *Neurosurg Focus*. 2010 Dec;29(6):E2. PubMed PMID: 21121716.

149: Ayer A, Campbell A, Appelboom G, Hwang BY, McDowell M, Piazza M, Feldstein NA, Anderson RC. The sociopolitical history and physiological underpinnings of skull deformation. *Neurosurg Focus*. 2010 Dec;29(6):E1. PubMed PMID: 21121715.

150: Timmons SD, Duhaime AC, Lee SM. Mild traumatic brain injury. Introduction. *Neurosurg Focus*. 2010 Nov;29(5):1. PubMed PMID: 21039142.

151: Echlin PS. Concussion education, identification, and treatment within a prospective study of physician-observed junior ice hockey concussions: social context of this scientific intervention. *Neurosurg Focus*. 2010 Nov;29(5):E7. PubMed PMID: 21039141.

152: Echlin PS, Johnson AM, Riverin S, Tator CH, Cantu RC, Cusimano MD, Taunton JE, Upshur RE, Hall CR, Forwell LA, Skopelja EN. A prospective study of concussion education in 2 junior ice hockey teams: implications for sports concussion education. *Neurosurg Focus*. 2010 Nov;29(5):E6. PubMed PMID: 21039140.

153: Echlin PS, Tator CH, Cusimano MD, Cantu RC, Taunton JE, Upshur RE, Czarnota M, Hall CR, Johnson AM, Forwell LA, Driediger M, Skopelja EN. Return to play after an initial or recurrent concussion in a prospective study of physician-observed junior ice hockey concussions: implications for return to play after a concussion. *Neurosurg Focus*. 2010 Nov;29(5):E5. PubMed PMID: 21039139.

154: Echlin PS, Tator CH, Cusimano MD, Cantu RC, Taunton JE, Upshur RE, Hall CR, Johnson AM, Forwell LA, Skopelja EN. A prospective study of physician-observed concussions during junior ice hockey: implications for incidence rates. *Neurosurg Focus*. 2010 Nov;29(5):E4. Erratum in: *Neurosurg Focus*. 2010 Nov;29(5). doi: 10.3171/2010.9.FOCUS10186. PubMed PMID: 21039138.

155: Carlson AP, Ramirez P, Kennedy G, McLean AR, Murray-Krezan C, Stippler M. Low rate of delayed deterioration requiring surgical treatment in patients transferred to a tertiary care center for mild traumatic brain injury. *Neurosurg Focus*. 2010 Nov;29(5):E3. PubMed PMID: 21039137.

156: Filippidis AS, Papadopoulos DC, Kapsalaki EZ, Fountas KN. Role of the S100B serum biomarker in the treatment of children suffering from mild traumatic brain injury. *Neurosurg Focus*. 2010 Nov;29(5):E2. Review. PubMed PMID: 21039136.

157: Signoretti S, Vagnozzi R, Tavazzi B, Lazzarino G. Biochemical and neurochemical sequelae following mild traumatic brain injury: summary of experimental data and clinical implications. *Neurosurg Focus*. 2010 Nov;29(5):E1. Review. PubMed PMID: 21039135.

158: Vance ML. Acromegaly: a fascinating pituitary disorder. Introduction. *Neurosurg Focus*. 2010 Oct;29(4):Introduction. PubMed PMID: 20887135.

159: Bellut D, Hlavica M, Schmid C, Bernays RL. Intraoperative magnetic resonance imaging-assisted transsphenoidal pituitary surgery in patients with acromegaly. *Neurosurg Focus*. 2010 Oct;29(4):E9. PubMed PMID: 20887134.

160: Zada G, Cavallo LM, Esposito F, Fernandez-Jimenez JC, Tasiou A, De Angelis M, Cafiero T, Cappabianca P, Laws ER. Transsphenoidal surgery in patients with acromegaly: operative strategies for overcoming technically challenging anatomical variations. *Neurosurg Focus*. 2010 Oct;29(4):E8.

PubMed PMID: 20887133.

161: Gondim JA, Almeida JP, de Albuquerque LA, Gomes E, Schops M, Ferraz T. Pure endoscopic transsphenoidal surgery for treatment of acromegaly: results of 67 cases treated in a pituitary center. *Neurosurg Focus*. 2010 Oct;29(4):E7. PubMed PMID: 20887132.

162: Hofstetter CP, Manna RH, Mubita L, Anand VK, Kennedy JW, Dehdashti AR, Schwartz TH. Endoscopic endonasal transsphenoidal surgery for growth hormone-secreting pituitary adenomas. *Neurosurg Focus*. 2010 Oct;29(4):E6. PubMed PMID: 20887131.

163: Campbell PG, Kenning E, Andrews DW, Yadla S, Rosen M, Evans JJ. Outcomes after a purely endoscopic transsphenoidal resection of growth hormone-secreting pituitary adenomas. *Neurosurg Focus*. 2010 Oct;29(4):E5. PubMed PMID: 20887130.

164: Zada G, Lin N, Laws ER Jr. Patterns of extrasellar extension in growth hormone-secreting and nonfunctional pituitary macroadenomas. *Neurosurg Focus*. 2010 Oct;29(4):E4. PubMed PMID: 20887129.

165: Ebner FH, Kürschner V, Dietz K, Bültmann E, Nägele T, Honegger J. Craniometric changes in patients with acromegaly from a surgical perspective. *Neurosurg Focus*. 2010 Oct;29(4):E3. PubMed PMID: 20887128.

166: Lopes MB. Growth hormone-secreting adenomas: pathology and cell biology. *Neurosurg Focus*. 2010 Oct;29(4):E2. Review. PubMed PMID: 20887127.

167: Oldfield EH. Editorial: Unresolved issues: radiosurgery versus radiation therapy; medical suppression of growth hormone production during radiosurgery; and endoscopic surgery versus microscopic surgery. *Neurosurg Focus*. 2010 Oct;29(4):E16. Review. PubMed PMID: 20887126.

168: Fleseriu M, Delashaw JB Jr, Cook DM. Acromegaly: a review of current medical therapy and new drugs on the horizon. *Neurosurg Focus*. 2010 Oct;29(4):E15. Review. PubMed PMID: 20887125.

169: Manjila S, Wu OC, Khan FR, Khan MM, Arafah BM, Selman WR. Pharmacological management of acromegaly: a current perspective. *Neurosurg Focus*. 2010 Oct;29(4):E14. Review. PubMed PMID: 20887124.

170: Yang I, Kim W, De Salles A, Bergsneider M. A systematic analysis of disease control in acromegaly treated with radiosurgery. *Neurosurg Focus*. 2010 Oct;29(4):E13. PubMed PMID: 20887123.

171: Rowland NC, Aghi MK. Radiation treatment strategies for acromegaly. *Neurosurg Focus*. 2010 Oct;29(4):E12. Review. PubMed PMID: 20887122.

172: Stapleton CJ, Liu CY, Weiss MH. The role of stereotactic radiosurgery in the multimodal management of growth hormone-secreting pituitary adenomas. *Neurosurg Focus*. 2010 Oct;29(4):E11. Review. PubMed PMID: 20887121.

173: Actor B, Sarnthein J, Prömmel P, Holzmann D, Bernays RL. Olfactory improvement in acromegaly after transnasal transsphenoidal surgery. *Neurosurg Focus*. 2010 Oct;29(4):E10. PubMed PMID: 20887120.

174: Mammis A, Eloy JA, Liu JK. Early descriptions of acromegaly and gigantism and their historical evolution as clinical entities. *Neurosurg Focus*. 2010 Oct;29(4):E1. PubMed PMID: 20887119.

- 175: Giannotta SL, Barrow DL. Cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):Introduction. PubMed PMID: 20827863.
- 176: Giliberto G, Lanzino DJ, Diehn FE, Factor D, Flemming KD, Lanzino G. Brainstem cavernous malformations: anatomical, clinical, and surgical considerations. *Neurosurg Focus*. 2010 Sep;29(3):E9. Review. PubMed PMID: 20809767.
- 177: Abila AA, Turner JD, Mitha AP, Lekovic G, Spetzler RF. Surgical approaches to brainstem cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E8. Review. PubMed PMID: 20809766.
- 178: Washington CW, McCoy KE, Zipfel GJ. Update on the natural history of cavernous malformations and factors predicting aggressive clinical presentation. *Neurosurg Focus*. 2010 Sep;29(3):E7. Review. PubMed PMID: 20809765.
- 179: Campbell PG, Jabbour P, Yadla S, Awad IA. Emerging clinical imaging techniques for cerebral cavernous malformations: a systematic review. *Neurosurg Focus*. 2010 Sep;29(3):E6. Review. PubMed PMID: 20809764.
- 180: Dammann P, Barth M, Zhu Y, Maderwald S, Schlamann M, Ladd ME, Sure U. Susceptibility weighted magnetic resonance imaging of cerebral cavernous malformations: prospects, drawbacks, and first experience at ultra-high field strength (7-Tesla) magnetic resonance imaging. *Neurosurg Focus*. 2010 Sep;29(3):E5. Review. PubMed PMID: 20809763.
- 181: Yadla S, Jabbour PM, Shenkar R, Shi C, Campbell PG, Awad IA. Cerebral cavernous malformations as a disease of vascular permeability: from bench to bedside with caution. *Neurosurg Focus*. 2010 Sep;29(3):E4. Review. PubMed PMID: 20809762.
- 182: Burkhardt JK, Schmidt D, Schoenauer R, Brokopp C, Agarkova I, Bozinov O, Bertalanffy H, Hoerstrup SP. Upregulation of transmembrane endothelial junction proteins in human cerebral cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E3. PubMed PMID: 20809761.
- 183: Krisht KM, Whitehead KJ, Niazi T, Couldwell WT. The pathogenetic features of cerebral cavernous malformations: a comprehensive review with therapeutic implications. *Neurosurg Focus*. 2010 Sep;29(3):E2. Review. PubMed PMID: 20809760.
- 184: Lew SM. Giant posterior fossa cavernous malformations in 2 infants with familial cerebral cavernomatosis: the case for early screening. *Neurosurg Focus*. 2010 Sep;29(3):E18. Review. PubMed PMID: 20809759.
- 185: Liu JK, Lu Y, Raslan AM, Gultekin SH, Delashaw JB Jr. Cavernous malformations of the optic pathway and hypothalamus: analysis of 65 cases in the literature. *Neurosurg Focus*. 2010 Sep;29(3):E17. Review. PubMed PMID: 20809758.
- 186: Van Gompel JJ, Marsh WR, Meyer FB, Worrell GA. Patient-assessed satisfaction and outcome after microsurgical resection of cavernomas causing epilepsy. *Neurosurg Focus*. 2010 Sep;29(3):E16. PubMed PMID: 20809757.
- 187: Deutsch H. Pain outcomes after surgery in patients with intramedullary spinal cord cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E15. PubMed PMID: 20809756.
- 188: Gross BA, Du R, Popp AJ, Day AL. Intramedullary spinal cord cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E14. Review. PubMed PMID: 20809755.

- 189: Steiger HJ, Turowski B, Hänggi D. Prognostic factors for the outcome of surgical and conservative treatment of symptomatic spinal cord cavernous malformations: a review of a series of 20 patients. *Neurosurg Focus*. 2010 Sep;29(3):E13. PubMed PMID: 20809754.
- 190: Lu DC, Lawton MT. Clinical presentation and surgical management of intramedullary spinal cord cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E12. PubMed PMID: 20809753.
- 191: Monaco EA, Khan AA, Niranjan A, Kano H, Grandhi R, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for the treatment of symptomatic brainstem cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E11. Review. PubMed PMID: 20809752.
- 192: Asaad WF, Walcott BP, Nahed BV, Ogilvy CS. Operative management of brainstem cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E10. Review. PubMed PMID: 20809751.
- 193: Zhu Y, Wu Q, Xu JF, Miller D, Sandalcioğlu IE, Zhang JM, Sure U. Differential angiogenesis function of CCM2 and CCM3 in cerebral cavernous malformations. *Neurosurg Focus*. 2010 Sep;29(3):E1. PubMed PMID: 20809750.
- 194: Elias WJ, Lozano AM. Deep brain stimulation: the spectrum of application. *Neurosurg Focus*. 2010 Aug;29(2):Introduction. PubMed PMID: 20672928.
- 195: Lipsman N, Bernstein M, Lozano AM. Criteria for the ethical conduct of psychiatric neurosurgery clinical trials. *Neurosurg Focus*. 2010 Aug;29(2):E9. PubMed PMID: 20672926.
- 196: Fountas KN, Kapsalaki E, Hadjigeorgiou G. Cerebellar stimulation in the management of medically intractable epilepsy: a systematic and critical review. *Neurosurg Focus*. 2010 Aug;29(2):E8. Review. PubMed PMID: 20672925.
- 197: Rahman M, Abd-El-Barr MM, Vedam-Mai V, Foote KD, Murad GJ, Okun MS, Roper SN. Disrupting abnormal electrical activity with deep brain stimulation: is epilepsy the next frontier? *Neurosurg Focus*. 2010 Aug;29(2):E7. Review. PubMed PMID: 20672924.
- 198: Van Gompel JJ, Chang SY, Goerss SJ, Kim IY, Kimble C, Bennet KE, Lee KH. Development of intraoperative electrochemical detection: wireless instantaneous neurochemical concentration sensor for deep brain stimulation feedback. *Neurosurg Focus*. 2010 Aug;29(2):E6. Review. PubMed PMID: 20672923; PubMed Central PMCID: PMC2939376.
- 199: Lyons MK, Birch BD, Hillman RA, Boucher OK, Evidente VG. Long-term follow-up of deep brain stimulation for Meige syndrome. *Neurosurg Focus*. 2010 Aug;29(2):E5. Review. PubMed PMID: 20672922.
- 200: Burdick AP, Fernandez HH, Okun MS, Chi YY, Jacobson C, Foote KD. Relationship between higher rates of adverse events in deep brain stimulation using standardized prospective recording and patient outcomes. *Neurosurg Focus*. 2010 Aug;29(2):E4. PubMed PMID: 20672921.
- 201: Kramer DR, Halpern CH, Buonacore DL, McGill KR, Hurtig HI, Jaggi JL, Baltuch GH. Best surgical practices: a stepwise approach to the University of Pennsylvania deep brain stimulation protocol. *Neurosurg Focus*. 2010 Aug;29(2):E3. PubMed PMID: 20672920.
- 202: Lipsman N, Ellis M, Lozano AM. Current and future indications for deep brain stimulation in pediatric populations. *Neurosurg Focus*. 2010 Aug;29(2):E2. Review. PubMed PMID: 20672919.
- 203: Alcindor D, Oh MY, Baser S, Angle C, Cheng BC, Whiting D. Stimulation of the globus pallidus

internus in a patient with DYT1-positive primary generalized dystonia: a 10-year follow-up. *Neurosurg Focus*. 2010 Aug;29(2):E16. PubMed PMID: 20672918.

204: Pisapia JM, Halpern CH, Williams NN, Wadden TA, Baltuch GH, Stein SC. Deep brain stimulation compared with bariatric surgery for the treatment of morbid obesity: a decision analysis study. *Neurosurg Focus*. 2010 Aug;29(2):E15. Review. PubMed PMID: 20672917.

205: Sen AN, Campbell PG, Yadla S, Jallo J, Sharan AD. Deep brain stimulation in the management of disorders of consciousness: a review of physiology, previous reports, and ethical considerations. *Neurosurg Focus*. 2010 Aug;29(2):E14. Review. PubMed PMID: 20672916.

206: Franzini A, Messina G, Cordella R, Marras C, Broggi G. Deep brain stimulation of the posteromedial hypothalamus: indications, long-term results, and neurophysiological considerations. *Neurosurg Focus*. 2010 Aug;29(2):E13. Review. PubMed PMID: 20672915.

207: Henderson MB, Green AI, Bradford PS, Chau DT, Roberts DW, Leiter JC. Deep brain stimulation of the nucleus accumbens reduces alcohol intake in alcohol-preferring rats. *Neurosurg Focus*. 2010 Aug;29(2):E12. PubMed PMID: 20672914.

208: Maley JH, Alvernia JE, Valle EP, Richardson D. Deep brain stimulation of the orbitofrontal projections for the treatment of intermittent explosive disorder. *Neurosurg Focus*. 2010 Aug;29(2):E11. PubMed PMID: 20672913.

209: Mian MK, Campos M, Sheth SA, Eskandar EN. Deep brain stimulation for obsessive-compulsive disorder: past, present, and future. *Neurosurg Focus*. 2010 Aug;29(2):E10. Review. PubMed PMID: 20672912.

210: Hariz MI, Blomstedt P, Zrinzo L. Deep brain stimulation between 1947 and 1987: the untold story. *Neurosurg Focus*. 2010 Aug;29(2):E1. Review. PubMed PMID: 20672911.

211: Kuntz C 4th, Park TS. Tethered cord. Introduction. *Neurosurg Focus*. 2010 Jul;29(1):1p preceeding E1. PubMed PMID: 20594008.

212: Filippidis AS, Kalani MY, Theodore N, Rekate HL. Spinal cord traction, vascular compromise, hypoxia, and metabolic derangements in the pathophysiology of tethered cord syndrome. *Neurosurg Focus*. 2010 Jul;29(1):E9. Review. PubMed PMID: 20594007.

213: Samdani AF, Fine AL, Sagoo SS, Shah SC, Cahill PJ, Clements DH, Betz RR. A patient with myelomeningocele: is untethering necessary prior to scoliosis correction? *Neurosurg Focus*. 2010 Jul;29(1):E8. PubMed PMID: 20594006.

214: Potts MB, Wu JC, Gupta N, Mummaneni PV. Minimally invasive tethered cord release in adults: a comparison of open and mini-open approaches. *Neurosurg Focus*. 2010 Jul;29(1):E7. PubMed PMID: 20594005.

215: Hsieh PC, Stapleton CJ, Moldavskiy P, Koski TR, Ondra SL, Gokaslan ZL, Kuntz C. Posterior vertebral column subtraction osteotomy for the treatment of tethered cord syndrome: review of the literature and clinical outcomes of all cases reported to date. *Neurosurg Focus*. 2010 Jul;29(1):E6. Review. PubMed PMID: 20594004.

216: Shih P, Halpin RJ, Ganju A, Liu JC, Koski TR. Management of recurrent adult tethered cord syndrome. *Neurosurg Focus*. 2010 Jul;29(1):E5. PubMed PMID: 20594003.

- 217: Nair MN, Ramakrishna R, Song K, Kinney G, Slimp J, Ko AL, Avellino AM. Human motor evoked potential responses following spinal cord transection: an in vivo study. *Neurosurg Focus*. 2010 Jul;29(1):E4. PubMed PMID: 20594002.
- 218: Pouratian N, Elias WJ, Jane JA Jr, Phillips LH 2nd, Jane JA Sr. Electrophysiologically guided untethering of secondary tethered spinal cord syndrome. *Neurosurg Focus*. 2010 Jul;29(1):E3. PubMed PMID: 20594001.
- 219: Stetler WR Jr, Park P, Sullivan S. Pathophysiology of adult tethered cord syndrome: review of the literature. *Neurosurg Focus*. 2010 Jul;29(1):E2. Review. PubMed PMID: 20594000.
- 220: Gupta G, Heary RF, Michaels J. Reversal of longstanding neurological deficits after a late release of tethered spinal cord. *Neurosurg Focus*. 2010 Jul;29(1):E11. PubMed PMID: 20593999.
- 221: Shin JH, Krishnaney AA. Idiopathic ventral spinal cord herniation: a rare presentation of tethered cord. *Neurosurg Focus*. 2010 Jul;29(1):E10. PubMed PMID: 20593998.
- 222: Hertzler DA 2nd, DePowell JJ, Stevenson CB, Mangano FT. Tethered cord syndrome: a review of the literature from embryology to adult presentation. *Neurosurg Focus*. 2010 Jul;29(1):E1. Review. PubMed PMID: 20593997.
- 223: Klimo P Jr, Ragel BT. Introduction: military neurosurgery, past and present. *Neurosurg Focus*. 2010 May;28(5):Introduction. PubMed PMID: 20568950.
- 224: Teff RJ. Use of neurosurgical decision-making and damage-control neurosurgery courses in the Iraq and Afghanistan conflicts: a surgeon's experience. *Neurosurg Focus*. 2010 May;28(5):E9. PubMed PMID: 20568949.
- 225: Ragel BT, Klimo P Jr, Kowalski RJ, McCafferty RR, Liu JM, Taggard DA, Garrett D Jr, Brevard SB. Neurosurgery in Afghanistan during "Operation Enduring Freedom": a 24-month experience. *Neurosurg Focus*. 2010 May;28(5):E8. PubMed PMID: 20568948.
- 226: Eisenburg MF, Christie M, Mathew P. Battlefield neurosurgical care in the current conflict in southern Afghanistan. *Neurosurg Focus*. 2010 May;28(5):E7. PubMed PMID: 20568947.
- 227: Vadivelu S, Bell RS, Crandall B, DeGraba T, Armonda RA. Delayed detection of carotid-cavernous fistulas associated with wartime blast-induced craniofacial trauma. *Neurosurg Focus*. 2010 May;28(5):E6. PubMed PMID: 20568946.
- 228: Bell RS, Ecker RD, Severson MA 3rd, Wanebo JE, Crandall B, Armonda RA. The evolution of the treatment of traumatic cerebrovascular injury during wartime. *Neurosurg Focus*. 2010 May;28(5):E5. Review. PubMed PMID: 20568945.
- 229: Klimo P Jr, Ragel BT, Rosner M, Gluf W, McCafferty R. Can surgery improve neurological function in penetrating spinal injury? A review of the military and civilian literature and treatment recommendations for military neurosurgeons. *Neurosurg Focus*. 2010 May;28(5):E4. Review. PubMed PMID: 20568944.
- 230: Stephens FL, Mossop CM, Bell RS, Tigno T Jr, Rosner MK, Kumar A, Moores LE, Armonda RA. Cranioplasty complications following wartime decompressive craniectomy. *Neurosurg Focus*. 2010 May;28(5):E3. PubMed PMID: 20568943.
- 231: Kotchetkov IS, Hwang BY, Appelboom G, Kellner CP, Connolly ES Jr. Brain-computer interfaces:

military, neurosurgical, and ethical perspective. *Neurosurg Focus*. 2010 May;28(5):E25. PubMed PMID: 20568942.

232: Hanigan W. The development of military medical care for peripheral nerve injuries during World War I. *Neurosurg Focus*. 2010 May;28(5):E24. PubMed PMID: 20568941.

233: Agarwalla PK, Dunn GP, Laws ER. An historical context of modern principles in the management of intracranial injury from projectiles. *Neurosurg Focus*. 2010 May;28(5):E23. PubMed PMID: 20568940.

234: Cannon JW, Teff RJ. Combat surgeons before, during, and after war: the legacy of Loyal Davis. *Neurosurg Focus*. 2010 May;28(5):E22. PubMed PMID: 20568939.

235: Neal CJ, Rosner MK. Resident learning curve for minimal-access transforaminal lumbar interbody fusion in a military training program. *Neurosurg Focus*. 2010 May;28(5):E21. PubMed PMID: 20568938.

236: Cardoso MJ, Rosner MK. Does the Wilson frame assist with optimizing surgical exposure for minimally invasive lumbar fusions? *Neurosurg Focus*. 2010 May;28(5):E20. PubMed PMID: 20568937.

237: Ragel BT, Klimo P Jr, Martin JE, Teff RJ, Bakken HE, Armonda RA. Wartime decompressive craniectomy: technique and lessons learned. *Neurosurg Focus*. 2010 May;28(5):E2. PubMed PMID: 20568936.

238: Cardoso MJ, Rosner MK. Multilevel cervical arthroplasty with artificial disc replacement. *Neurosurg Focus*. 2010 May;28(5):E19. PubMed PMID: 20568935.

239: Tumialán LM, Ponton RP, Garvin A, Gluf WM. Arthroplasty in the military: a preliminary experience with ProDisc-C and ProDisc-L. *Neurosurg Focus*. 2010 May;28(5):E18. PubMed PMID: 20568934.

240: Tumialán LM, Ponton RP, Gluf WM. Management of unilateral cervical radiculopathy in the military: the cost effectiveness of posterior cervical foraminotomy compared with anterior cervical discectomy and fusion. *Neurosurg Focus*. 2010 May;28(5):E17. PubMed PMID: 20568933.

241: Izci Y. The evolution of military neurosurgery in the Turkish army. *Neurosurg Focus*. 2010 May;28(5):E16. PubMed PMID: 20568932.

242: Enchev Y, Eftimov T. Bulgarian military neurosurgery: from Warsaw Pact to the North Atlantic Treaty Organization. *Neurosurg Focus*. 2010 May;28(5):E15. PubMed PMID: 20568931.

243: Mauer UM, Schulz C, Rothe R, Kunz U. German military neurosurgery at home and abroad. *Neurosurg Focus*. 2010 May;28(5):E14. PubMed PMID: 20568930.

244: Dulou R, Dagain A, Delmas JM, Lambert E, Blondet E, Goasguen O, Pouit B, Dutertre G, de Soultrait F, Pernot P. The French mobile neurosurgical unit. *Neurosurg Focus*. 2010 May;28(5):E13. PubMed PMID: 20568929.

245: Reno J. Military aeromedical evacuation, with special emphasis on craniospinal trauma. *Neurosurg Focus*. 2010 May;28(5):E12. PubMed PMID: 20568928.

246: Fang R, Dorlac GR, Allan PF, Dorlac WC. Intercontinental aeromedical evacuation of patients with traumatic brain injuries during Operations Iraqi Freedom and Enduring Freedom. *Neurosurg Focus*. 2010 May;28(5):E11. PubMed PMID: 20568927.

- 247: Mauer UM, Kunz U. Management of neurotrauma by surgeons and orthopedists in a military operational setting. *Neurosurg Focus*. 2010 May;28(5):E10. PubMed PMID: 20568926.
- 248: Bell RS, Mossop CM, Dirks MS, Stephens FL, Mulligan L, Ecker R, Neal CJ, Kumar A, Tigno T, Armonda RA. Early decompressive craniectomy for severe penetrating and closed head injury during wartime. *Neurosurg Focus*. 2010 May;28(5):E1. PubMed PMID: 20568925.
- 249: Kang H, Park P, La Marca F, Hollister SJ, Lin CY. Analysis of load sharing on uncovertebral and facet joints at the C5-6 level with implantation of the Bryan, Prestige LP, or ProDisc-C cervical disc prosthesis: an in vivo image-based finite element study. *Neurosurg Focus*. 2010 Jun;28(6):E9. PubMed PMID: 20568924.
- 250: Bowers C, Amini A, Dailey AT, Schmidt MH. Dynamic interspinous process stabilization: review of complications associated with the X-Stop device. *Neurosurg Focus*. 2010 Jun;28(6):E8. PubMed PMID: 20568923.
- 251: Deutsch H. The predictive value of the baseline Oswestry Disability Index in lumbar disc arthroplasty. *Neurosurg Focus*. 2010 Jun;28(6):E7. PubMed PMID: 20568922.
- 252: Lazaro BC, Yucesoy K, Yuksel KZ, Kowalczyk I, Rabin D, Fink M, Duggal N. Effect of arthroplasty design on cervical spine kinematics: analysis of the Bryan Disc, ProDisc-C, and Synergy disc. *Neurosurg Focus*. 2010 Jun;28(6):E6. PubMed PMID: 20568921.
- 253: Botelho RV, Moraes OJ, Fernandes GA, Buscariolli Ydos S, Bernardo WM. A systematic review of randomized trials on the effect of cervical disc arthroplasty on reducing adjacent-level degeneration. *Neurosurg Focus*. 2010 Jun;28(6):E5. Review. PubMed PMID: 20568920.
- 254: Galarza M, Fabrizi AP, Maina R, Gazzeri R, Martínez-Lage JF. Degenerative lumbar spinal stenosis with neurogenic intermittent claudication and treatment with the Aperius PercLID System: a preliminary report. *Neurosurg Focus*. 2010 Jun;28(6):E3. PubMed PMID: 20568919.
- 255: Maserati MB, Tormenti MJ, Panczykowski DM, Bonfield CM, Gerszten PC. The use of a hybrid dynamic stabilization and fusion system in the lumbar spine: preliminary experience. *Neurosurg Focus*. 2010 Jun;28(6):E2. PubMed PMID: 20568918.
- 256: Crawford NR, Arnett JD, Butters JA, Ferrara LA, Kulkarni N, Goel VK, Duggal N. Biomechanics of a posture-controlling cervical artificial disc: mechanical, in vitro, and finite-element analysis. *Neurosurg Focus*. 2010 Jun;28(6):E11. PubMed PMID: 20568917.
- 257: Ko CC, Tsai HW, Huang WC, Wu JC, Chen YC, Shih YH, Chen HC, Wu CL, Cheng H. Screw loosening in the Dynesys stabilization system: radiographic evidence and effect on outcomes. *Neurosurg Focus*. 2010 Jun;28(6):E10. PubMed PMID: 20568916.
- 258: Heary RF. Dynamic stabilization. *Neurosurg Focus*. 2010 Jun;28(6):E1. PubMed PMID: 20568915.
- 259: Goldschlager T, Ghosh P, Zannettino A, Gronthos S, Rosenfeld JV, Itescu S, Jenkin G. Cervical motion preservation using mesenchymal progenitor cells and pentosan polysulfate, a novel chondrogenic agent: preliminary study in an ovine model. *Neurosurg Focus*. 2010 Jun;28(6):E4. PubMed PMID: 20521963.
- 260: Wisoff JH, Jane JA Jr, Selman W, Fahlbusch R. Introduction: Craniopharyngioma. *Neurosurg Focus*. 2010 Apr;28(4):1 p preceding E1. PubMed PMID: 20369435.

- 261: Jane JA Jr, Kiehna E, Payne SC, Early SV, Laws ER Jr. Early outcomes of endoscopic transsphenoidal surgery for adult craniopharyngiomas. *Neurosurg Focus*. 2010 Apr;28(4):E9. PubMed PMID: 20367523.
- 262: Oldfield EH. Transnasal endoscopic surgery for craniopharyngiomas. *Neurosurg Focus*. 2010 Apr;28(4):E8a; discussion E8b. PubMed PMID: 20367366.
- 263: Campbell PG, McGettigan B, Luginbuhl A, Yadla S, Rosen M, Evans JJ. Endocrinological and ophthalmological consequences of an initial endonasal endoscopic approach for resection of craniopharyngiomas. *Neurosurg Focus*. 2010 Apr;28(4):E8. Review. PubMed PMID: 20367365.
- 264: Feletti A, Marton E, Mazzucco GM, Fang S, Longatti P. Amaurosis in infancy due to craniopharyngioma: a not-exceptional but often misdiagnosed symptom. *Neurosurg Focus*. 2010 Apr;28(4):E7. Review. PubMed PMID: 20367364.
- 265: Liu JK, Christiano LD, Gupta G, Carmel PW. Surgical nuances for removal of retrochiasmatic craniopharyngiomas via the transbasal subfrontal translamina terminalis approach. *Neurosurg Focus*. 2010 Apr;28(4):E6. PubMed PMID: 20367363.
- 266: Yang I, Sughrue ME, Rutkowski MJ, Kaur R, Ivan ME, Aranda D, Barani IJ, Parsa AT. Craniopharyngioma: a comparison of tumor control with various treatment strategies. *Neurosurg Focus*. 2010 Apr;28(4):E5. Review. PubMed PMID: 20367362.
- 267: Zada G, Lin N, Ojerholm E, Ramkissoon S, Laws ER. Craniopharyngioma and other cystic epithelial lesions of the sellar region: a review of clinical, imaging, and histopathological relationships. *Neurosurg Focus*. 2010 Apr;28(4):E4. Review. PubMed PMID: 20367361.
- 268: Van Gompel JJ, Nippoldt TB, Higgins DM, Meyer FB. Magnetic resonance imaging-graded hypothalamic compression in surgically treated adult craniopharyngiomas determining postoperative obesity. *Neurosurg Focus*. 2010 Apr;28(4):E3. PubMed PMID: 20367360.
- 269: Elliott RE, Sands SA, Strom RG, Wisoff JH. Craniopharyngioma Clinical Status Scale: a standardized metric of preoperative function and posttreatment outcome. *Neurosurg Focus*. 2010 Apr;28(4):E2. PubMed PMID: 20367359.
- 270: Elliott RE, Wisoff JH. Fusiform dilation of the carotid artery following radical resection of pediatric craniopharyngiomas: natural history and management. *Neurosurg Focus*. 2010 Apr;28(4):E14. PubMed PMID: 20367358.
- 271: Steinbok P, Hukin J. Intracystic treatments for craniopharyngioma. *Neurosurg Focus*. 2010 Apr;28(4):E13. Review. PubMed PMID: 20367357.
- 272: Cavalheiro S, Di Rocco C, Valenzuela S, Dastoli PA, Tamburrini G, Massimi L, Nicacio JM, Faquini IV, Ierardi DF, Silva NS, Pettorini BL, Toledo SR. Craniopharyngiomas: intratumoral chemotherapy with interferon-alpha: a multicenter preliminary study with 60 cases. *Neurosurg Focus*. 2010 Apr;28(4):E12. PubMed PMID: 20367356.
- 273: Veeravagu A, Lee M, Jiang B, Chang SD. The role of radiosurgery in the treatment of craniopharyngiomas. *Neurosurg Focus*. 2010 Apr;28(4):E11. Review. PubMed PMID: 20367355.
- 274: Kiehna EN, Merchant TE. Radiation therapy for pediatric craniopharyngioma. *Neurosurg Focus*. 2010 Apr;28(4):E10. Review. PubMed PMID: 20367354.

- 275: Pettorini BL, Frassanito P, Caldarelli M, Tamburrini G, Massimi L, Di Rocco C. Molecular pathogenesis of craniopharyngioma: switching from a surgical approach to a biological one. *Neurosurg Focus*. 2010 Apr;28(4):E1. Review. PubMed PMID: 20367353.
- 276: Upadhyaya CD, Starr PA, Mummaneni PV. Spinal deformity and Parkinson disease: a treatment algorithm. *Neurosurg Focus*. 2010 Mar;28(3):E5. Review. PubMed PMID: 20196652.
- 277: Wang MY, Mummaneni PV. Minimally invasive surgery for thoracolumbar spinal deformity: initial clinical experience with clinical and radiographic outcomes. *Neurosurg Focus*. 2010 Mar;28(3):E9. PubMed PMID: 20192721.
- 278: Heary RF, Karimi RJ. Correction of lumbar coronal plane deformity using unilateral cage placement. *Neurosurg Focus*. 2010 Mar;28(3):E10. PubMed PMID: 20192720.
- 279: Dakwar E, Cardona RF, Smith DA, Uribe JS. Early outcomes and safety of the minimally invasive, lateral retroperitoneal transpsoas approach for adult degenerative scoliosis. *Neurosurg Focus*. 2010 Mar;28(3):E8. PubMed PMID: 20192668.
- 280: Tormenti MJ, Maserati MB, Bonfield CM, Okonkwo DO, Kanter AS. Complications and radiographic correction in adult scoliosis following combined transpsoas extreme lateral interbody fusion and posterior pedicle screw instrumentation. *Neurosurg Focus*. 2010 Mar;28(3):E7. PubMed PMID: 20192667.
- 281: Anand N, Rosemann R, Khalsa B, Baron EM. Mid-term to long-term clinical and functional outcomes of minimally invasive correction and fusion for adults with scoliosis. *Neurosurg Focus*. 2010 Mar;28(3):E6. PubMed PMID: 20192666.
- 282: Dorward IG, Lenke LG. Osteotomies in the posterior-only treatment of complex adult spinal deformity: a comparative review. *Neurosurg Focus*. 2010 Mar;28(3):E4. PubMed PMID: 20192665.
- 283: Yadla S, Maltenfort MG, Ratliff JK, Harrop JS. Adult scoliosis surgery outcomes: a systematic review. *Neurosurg Focus*. 2010 Mar;28(3):E3. Review. PubMed PMID: 20192664.
- 284: Pettigrew DB, Morgan CJ, Anderson RB, Wilsey PA, Kuntz C 4th. Virtual preoperative measurement and surgical manipulation of sagittal spinal alignment using a novel research and educational software program. *Neurosurg Focus*. 2010 Mar;28(3):E2. PubMed PMID: 20192663.
- 285: Bishop FS, Dailey AT, Schmidt MH. Massive Charcot spinal disease deformity in a patient presenting with increasing abdominal girth and discomfort. Case report. *Neurosurg Focus*. 2010 Mar;28(3):E17. PubMed PMID: 20192662.
- 286: Upadhyaya CD, Berven S, Mummaneni PV. Spondylolisthesis following a pedicle subtraction osteotomy. Case report. *Neurosurg Focus*. 2010 Mar;28(3):E16. PubMed PMID: 20192661.
- 287: Cabraja M, Abbushi A, Koeppen D, Kroppenstedt S, Woiciechowsky C. Comparison between anterior and posterior decompression with instrumentation for cervical spondylotic myelopathy: sagittal alignment and clinical outcome. *Neurosurg Focus*. 2010 Mar;28(3):E15. PubMed PMID: 20192660.
- 288: Etame AB, Wang AC, Than KD, La Marca F, Park P. Outcomes after surgery for cervical spine deformity: review of the literature. *Neurosurg Focus*. 2010 Mar;28(3):E14. Review. PubMed PMID: 20192659.

- 289: Matteini LE, Kebaish KM, Volk WR, Bergin PF, Yu WD, O'Brien JR. An S-2 alar iliac pelvic fixation. Technical note. *Neurosurg Focus*. 2010 Mar;28(3):E13. Erratum in: *Neurosurg Focus*. 2010 Mar;28(3):E13a. PubMed PMID: 20192658.
- 290: Mahato NK. Variable positions of the sacral auricular surface: classification and importance. *Neurosurg Focus*. 2010 Mar;28(3):E12. PubMed PMID: 20192657.
- 291: Tormenti MJ, Kostov DB, Gardner PA, Kanter AS, Spiro RM, Okonkwo DO. Intraoperative computed tomography image-guided navigation for posterior thoracolumbar spinal instrumentation in spinal deformity surgery. *Neurosurg Focus*. 2010 Mar;28(3):E11. PubMed PMID: 20192656.
- 292: Silva FE, Lenke LG. Adult degenerative scoliosis: evaluation and management. *Neurosurg Focus*. 2010 Mar;28(3):E1. PubMed PMID: 20192655.
- 293: Okonkwo DO, Mummaneni PV. Introduction: Adult spinal deformity. *Neurosurg Focus*. 2010 Mar;28(3):E1. PubMed PMID: 20192654.
- 294: Duffau H. Introduction. Surgery of gliomas in eloquent areas: from brain hodotopy and plasticity to functional neurooncology. *Neurosurg Focus*. 2010 Feb;28(2):Intro. PubMed PMID: 20121445.
- 295: Isolan GR, Bianchin MM, Bragatti JA, Torres C, Schwartzmann G. Musical hallucinations following insular glioma resection. *Neurosurg Focus*. 2010 Feb;28(2):E9. PubMed PMID: 20121444.
- 296: Gil-Robles S, Duffau H. Surgical management of World Health Organization Grade II gliomas in eloquent areas: the necessity of preserving a margin around functional structures. *Neurosurg Focus*. 2010 Feb;28(2):E8. Review. PubMed PMID: 20121443.
- 297: Szelényi A, Bello L, Duffau H, Fava E, Feigl GC, Galanda M, Neuloh G, Signorelli F, Sala F; Workgroup for Intraoperative Management in Low-Grade Glioma Surgery within the European Low-Grade Glioma Network. Intraoperative electrical stimulation in awake craniotomy: methodological aspects of current practice. *Neurosurg Focus*. 2010 Feb;28(2):E7. Review. PubMed PMID: 20121442.
- 298: Bello L, Castellano A, Fava E, Casaceli G, Riva M, Scotti G, Gaini SM, Falini A. Intraoperative use of diffusion tensor imaging fiber tractography and subcortical mapping for resection of gliomas: technical considerations. *Neurosurg Focus*. 2010 Feb;28(2):E6. PubMed PMID: 20121441.
- 299: González-Darder JM, González-López P, Talamantes F, Quilis V, Cortés V, García-March G, Roldán P. Multimodal navigation in the functional microsurgical resection of intrinsic brain tumors located in eloquent motor areas: role of tractography. *Neurosurg Focus*. 2010 Feb;28(2):E5. PubMed PMID: 20121440.
- 300: Rutten GJ, Ramsey NF. The role of functional magnetic resonance imaging in brain surgery. *Neurosurg Focus*. 2010 Feb;28(2):E4. Review. PubMed PMID: 20121439.
- 301: Pouratian N, Bookheimer SY. The reliability of neuroanatomy as a predictor of eloquence: a review. *Neurosurg Focus*. 2010 Feb;28(2):E3. Review. PubMed PMID: 20121438.
- 302: Ribas GC. The cerebral sulci and gyri. *Neurosurg Focus*. 2010 Feb;28(2):E2. Review. PubMed PMID: 20121437.
- 303: Sanai N, Berger MS. Intraoperative stimulation techniques for functional pathway preservation and glioma resection. *Neurosurg Focus*. 2010 Feb;28(2):E1. Review. PubMed PMID: 20121436.

- 304: Dardiotis E, Fountas KN, Dardioti M, Xiromerisiou G, Kapsalaki E, Tasiou A, Hadjigeorgiou GM. Genetic association studies in patients with traumatic brain injury. *Neurosurg Focus*. 2010 Jan;28(1):E9. Review. PubMed PMID: 20043724.
- 305: Gottfried ON, Viskochil DH, Couldwell WT. Neurofibromatosis Type 1 and tumorigenesis: molecular mechanisms and therapeutic implications. *Neurosurg Focus*. 2010 Jan;28(1):E8. PubMed PMID: 20043723.
- 306: Xiromerisiou G, Dardiotis E, Tsimourtou V, Kountra PM, Paterakis KN, Kapsalaki EZ, Fountas KN, Hadjigeorgiou GM. Genetic basis of Parkinson disease. *Neurosurg Focus*. 2010 Jan;28(1):E7. PubMed PMID: 20043722.
- 307: Northcott PA, Rutka JT, Taylor MD. Genomics of medulloblastoma: from Giemsa-banding to next-generation sequencing in 20 years. *Neurosurg Focus*. 2010 Jan;28(1):E6. Review. PubMed PMID: 20043721.
- 308: Kahle KT, Kozono D, Ng K, Hsieh G, Zinn PO, Nitta M, Chen CC. Functional genomics to explore cancer cell vulnerabilities. *Neurosurg Focus*. 2010 Jan;28(1):E5. PubMed PMID: 20043720.
- 309: Thaker NG, Zhang F, McDonald PR, Shun TY, Lazo JS, Pollack IF. Functional genomic analysis of glioblastoma multiforme through short interfering RNA screening: a paradigm for therapeutic development. *Neurosurg Focus*. 2010 Jan;28(1):E4. PubMed PMID: 20043719.
- 310: Turner JD, Williamson R, Alamefty KK, Nakaji P, Porter R, Tse V, Kalani MY. The many roles of microRNAs in brain tumor biology. *Neurosurg Focus*. 2010 Jan;28(1):E3. Review. PubMed PMID: 20043718.
- 311: Cowperthwaite MC, Mohanty D, Burnett MG. Genome-wide association studies: a powerful tool for neurogenomics. *Neurosurg Focus*. 2010 Jan;28(1):E2. Review. PubMed PMID: 20043717.
- 312: Pfisterer WK, Nieman RA, Scheck AC, Coons SW, Spetzler RF, Preul MC. Using ex vivo proton magnetic resonance spectroscopy to reveal associations between biochemical and biological features of meningiomas. *Neurosurg Focus*. 2010 Jan;28(1):E12. PubMed PMID: 20043716.
- 313: Vannemreddy P, Notarianni C, Yanamandra K, Napper D, Bocchini J. Is an endothelial nitric oxide synthase gene mutation a risk factor in the origin of intraventricular hemorrhage? *Neurosurg Focus*. 2010 Jan;28(1):E11. PubMed PMID: 20043715.
- 314: King MD, Laird MD, Ramesh SS, Youssef P, Shakir B, Vender JR, Alleyne CH, Dhandapani KM. Elucidating novel mechanisms of brain injury following subarachnoid hemorrhage: an emerging role for neuroproteomics. *Neurosurg Focus*. 2010 Jan;28(1):E10. PubMed PMID: 20043714; PubMed Central PMCID: PMC3151677.
- 315: Berger MS, Couldwell WT, Rutka JT, Selden NR. Introduction: neurogenomics and neuroproteomics. *Neurosurg Focus*. 2010 Jan;28(1):E1. PubMed PMID: 20043713.
- 316: Niazi TN, Cannon-Albright LA, Couldwell WT. Utah Population Database: a tool to study the hereditary element of nonsyndromic neurosurgical diseases. *Neurosurg Focus*. 2010 Jan;28(1):E1. PubMed PMID: 20043712.
- 317: Gerszten PC, Monaco EA 3rd. Complete percutaneous treatment of vertebral body tumors causing spinal canal compromise using a transpedicular cavitation, cement augmentation, and radiosurgical technique. *Neurosurg Focus*. 2009 Dec;27(6):E9. PubMed PMID: 19951062.

318: Romanelli P, Conti A, Pontoriero A, Ricciardi GK, Tomasello F, De Renzis C, Innocenzi G, Esposito V, Cantore G. Role of stereotactic radiosurgery and fractionated stereotactic radiotherapy for the treatment of recurrent glioblastoma multiforme. *Neurosurg Focus*. 2009 Dec;27(6):E8. Review. PubMed PMID: 19951061.

319: Karlovits BJ, Quigley MR, Karlovits SM, Miller L, Johnson M, Gayou O, Fuhrer R. Stereotactic radiosurgery boost to the resection bed for oligometastatic brain disease: challenging the tradition of adjuvant whole-brain radiotherapy. *Neurosurg Focus*. 2009 Dec;27(6):E7. PubMed PMID: 19951060.

320: Chen JC, Bugoci DM, Girvigian MR, Miller MJ, Arellano A, Rahimian J. Control of brain metastases using frameless image-guided radiosurgery. *Neurosurg Focus*. 2009 Dec;27(6):E6. Review. PubMed PMID: 19951059.

321: Guss ZD, Batra S, Li G, Chang SD, Parsa AT, Rigamonti D, Kleinberg L, Lim M. Radiosurgery for glomus jugulare: history and recent progress. *Neurosurg Focus*. 2009 Dec;27(6):E5. Review. PubMed PMID: 19951058.

322: Sughrue ME, Yang I, Han SJ, Aranda D, Kane AJ, Amoils M, Smith ZA, Parsa AT. Non-audiofacial morbidity after Gamma Knife surgery for vestibular schwannoma. *Neurosurg Focus*. 2009 Dec;27(6):E4. Review. PubMed PMID: 19951057.

323: Franzin A, Spatola G, Serra C, Picozzi P, Medone M, Milani D, Castellazzi P, Mortini P. Evaluation of hearing function after Gamma Knife surgery of vestibular schwannomas. *Neurosurg Focus*. 2009 Dec;27(6):E3. PubMed PMID: 19951056.

324: Yeung AH, Sughrue ME, Kane AJ, Tihan T, Cheung SW, Parsa AT. Radiobiology of vestibular schwannomas: mechanisms of radioresistance and potential targets for therapeutic sensitization. *Neurosurg Focus*. 2009 Dec;27(6):E2. Review. PubMed PMID: 19951055.

325: Truong MT, Grillone G, Tschoe C, Chin L, Kachnic LA, Jalisi S. Emerging applications of stereotactic radiotherapy in head and neck cancer. *Neurosurg Focus*. 2009 Dec;27(6):E11. PubMed PMID: 19951054.

326: Shin DA, Huh R, Chung SS, Rock J, Ryu S. Stereotactic spine radiosurgery for intradural and intramedullary metastasis. *Neurosurg Focus*. 2009 Dec;27(6):E10. PubMed PMID: 19951053.

327: Sheehan J, Pouratian N. Stereotactic radiosurgery: quo vadis? *Neurosurg Focus*. 2009 Dec;27(6):E1. PubMed PMID: 19951052.

328: Medel R, Monteith SJ, Crowley RW, Dumont AS. A review of therapeutic strategies for the management of cerebral venous sinus thrombosis. *Neurosurg Focus*. 2009 Nov;27(5):E6. Review. PubMed PMID: 19883208.

329: Aboian MS, Daniels DJ, Rammos SK, Pozzati E, Lanzino G. The putative role of the venous system in the genesis of vascular malformations. *Neurosurg Focus*. 2009 Nov;27(5):E9. Review. PubMed PMID: 19877799.

330: Hoang S, Choudhri O, Edwards M, Guzman R. Vein of Galen malformation. *Neurosurg Focus*. 2009 Nov;27(5):E8. Review. PubMed PMID: 19877798.

331: Rahman M, Velat GJ, Hoh BL, Mocco J. Direct thrombolysis for cerebral venous sinus thrombosis. *Neurosurg Focus*. 2009 Nov;27(5):E7. Review. PubMed PMID: 19877797.

- 332: Galarza M, Gazzeri R. Cerebral venous sinus thrombosis associated with oral contraceptives: the case for neurosurgery. *Neurosurg Focus*. 2009 Nov;27(5):E5. PubMed PMID: 19877796.
- 333: Bentley JN, Figueroa RE, Vender JR. From presentation to follow-up: diagnosis and treatment of cerebral venous thrombosis. *Neurosurg Focus*. 2009 Nov;27(5):E4. Review. PubMed PMID: 19877795.
- 334: Filippidis A, Kapsalaki E, Patramani G, Fountas KN. Cerebral venous sinus thrombosis: review of the demographics, pathophysiology, current diagnosis, and treatment. *Neurosurg Focus*. 2009 Nov;27(5):E3. Review. PubMed PMID: 19877794.
- 335: García-González U, Cavalcanti DD, Agrawal A, Gonzalez LF, Wallace RC, Spetzler RF, Preul MC. The diploic venous system: surgical anatomy and neurosurgical implications. *Neurosurg Focus*. 2009 Nov;27(5):E2. PubMed PMID: 19877793.
- 336: Arac A, Lee M, Steinberg GK, Marcellus M, Marks MP. Efficacy of endovascular stenting in dural venous sinus stenosis for the treatment of idiopathic intracranial hypertension. *Neurosurg Focus*. 2009 Nov;27(5):E14. PubMed PMID: 19877792.
- 337: Rangel-Castilla L, Krishna C, Klucznik R, Diaz O. Endovascular embolization with Onyx in the management of sinus pericranii: a case report. *Neurosurg Focus*. 2009 Nov;27(5):E13. PubMed PMID: 19877791.
- 338: Moftakhar P, Danielpour M, Maya M, Alexander MJ. Spontaneous thrombosis of neonatal vein of Galen malformation. *Neurosurg Focus*. 2009 Nov;27(5):E12. PubMed PMID: 19877790.
- 339: Conti A, Pontoriero A, Salamone I, Siragusa C, Midili F, La Torre D, Calisto A, Granata F, Romanelli P, De Renzis C, Tomasello F. Protecting venous structures during radiosurgery for parasagittal meningiomas. *Neurosurg Focus*. 2009 Nov;27(5):E11. PubMed PMID: 19877789.
- 340: Sekula RF, Frederickson AM, Jannetta PJ, Bhatia S, Quigley MR, Abdel Aziz KM. Microvascular decompression in patients with isolated maxillary division trigeminal neuralgia, with particular attention to venous pathology. *Neurosurg Focus*. 2009 Nov;27(5):E10. PubMed PMID: 19877788.
- 341: Nakase H. Introduction: venous brain circulation disorders. *Neurosurg Focus*. 2009 Nov;27(5):E1. PubMed PMID: 19877787.
- 342: Youssef AS, Downes AE. Intraoperative neurophysiological monitoring in vestibular schwannoma surgery: advances and clinical implications. *Neurosurg Focus*. 2009 Oct;27(4):E9. Review. PubMed PMID: 19795957.
- 343: Wang AC, Than KD, Etame AB, La Marca F, Park P. Impact of anesthesia on transcranial electric motor evoked potential monitoring during spine surgery: a review of the literature. *Neurosurg Focus*. 2009 Oct;27(4):E7. Review. PubMed PMID: 19795956.
- 344: Gonzalez AA, Jeyanandarajan D, Hansen C, Zada G, Hsieh PC. Intraoperative neurophysiological monitoring during spine surgery: a review. *Neurosurg Focus*. 2009 Oct;27(4):E6. Review. PubMed PMID: 19795955.
- 345: Kombos T, Süss O, Vajkoczy P. Subcortical mapping and monitoring during insular tumor surgery. *Neurosurg Focus*. 2009 Oct;27(4):E5. PubMed PMID: 19795954.
- 346: Bertani G, Fava E, Casaceli G, Carrabba G, Casarotti A, Papagno C, Castellano A, Falini A, Gaini SM, Bello L. Intraoperative mapping and monitoring of brain functions for the resection of low-grade

gliomas: technical considerations. *Neurosurg Focus*. 2009 Oct;27(4):E4. PubMed PMID: 19795953.

347: Kombos T, Süss O. Neurophysiological basis of direct cortical stimulation and applied neuroanatomy of the motor cortex: a review. *Neurosurg Focus*. 2009 Oct;27(4):E3. Review. PubMed PMID: 19795952.

348: Cabraja M, Stockhammer F, Mularski S, Suess O, Kombos T, Vajkoczy P. Neurophysiological intraoperative monitoring in neurosurgery: aid or handicap? An international survey. *Neurosurg Focus*. 2009 Oct;27(4):E2. PubMed PMID: 19795951.

349: Hecht N, Woitzik J, Dreier JP, Vajkoczy P. Intraoperative monitoring of cerebral blood flow by laser speckle contrast analysis. *Neurosurg Focus*. 2009 Oct;27(4):E11. PubMed PMID: 19795950.

350: Sekula RF Jr, Bhatia S, Frederickson AM, Jannetta PJ, Quigley MR, Small GA, Breisinger R. Utility of intraoperative electromyography in microvascular decompression for hemifacial spasm: a meta-analysis. *Neurosurg Focus*. 2009 Oct;27(4):E10. Review. PubMed PMID: 19795949.

351: Fehlings MG, Houldon D, Vajkoczy P. Introduction. Intraoperative neuromonitoring: an essential component of the neurosurgical and spinal armamentarium. *Neurosurg Focus*. 2009 Oct;27(4):E1. PubMed PMID: 19795948.

352: Taillandier L, Duffau H. Epilepsy and insular Grade II gliomas: an interdisciplinary point of view from a retrospective monocentric series of 46 cases. *Neurosurg Focus*. 2009 Aug;27(2):E8. Review. PubMed PMID: 19757989.

353: Oppenheimer JH, DeCastro I, McDonnell DE. Minimally invasive spine technology and minimally invasive spine surgery: a historical review. *Neurosurg Focus*. 2009 Sep;27(3):E9. PubMed PMID: 19722824.

354: Gandhi CD, Christiano LD, Eloy JA, Prestigiacomo CJ, Post KD. The historical evolution of transsphenoidal surgery: facilitation by technological advances. *Neurosurg Focus*. 2009 Sep;27(3):E8. PubMed PMID: 19722823.

355: Grunert P, Gaab MR, Hellwig D, Oertel JM. German neuroendoscopy above the skull base. *Neurosurg Focus*. 2009 Sep;27(3):E7. PubMed PMID: 19722822.

356: Ryan RW, Spetzler RF, Preul MC. Aura of technology and the cutting edge: a history of lasers in neurosurgery. *Neurosurg Focus*. 2009 Sep;27(3):E6. PubMed PMID: 19722821.

357: Lulic D, Ahmadian A, Baaj AA, Benbadis SR, Vale FL. Vagus nerve stimulation. *Neurosurg Focus*. 2009 Sep;27(3):E5. PubMed PMID: 19722820.

358: Uluç K, Kujoth GC, Başkaya MK. Operating microscopes: past, present, and future. *Neurosurg Focus*. 2009 Sep;27(3):E4. PubMed PMID: 19722819.

359: Bergman WC, Schulz RA, Davis DS. Factors influencing the genesis of neurosurgical technology. *Neurosurg Focus*. 2009 Sep;27(3):E3. PubMed PMID: 19722817.

360: Cavalcanti DD, Feindel W, Goodrich JT, Dagi TF, Prestigiacomo CJ, Preul MC. Anatomy, technology, art, and culture: toward a realistic perspective of the brain. *Neurosurg Focus*. 2009 Sep;27(3):E2. PubMed PMID: 19722816.

361: Rahman M, Murad GJ, Bova F, Friedman WA, Mocco J. Stereotactic radiosurgery and the linear

accelerator: accelerating electrons in neurosurgery. *Neurosurg Focus*. 2009 Sep;27(3):E13. Review. PubMed PMID: 19722815.

362: Rahman M, Murad GJ, Mocco J. Early history of the stereotactic apparatus in neurosurgery. *Neurosurg Focus*. 2009 Sep;27(3):E12. PubMed PMID: 19722814.

363: Enchev Y. Neuronavigation: geneology, reality, and prospects. *Neurosurg Focus*. 2009 Sep;27(3):E11. PubMed PMID: 19722813.

364: Baaj AA, Uribe JS, Vale FL, Preul MC, Crawford NR. History of cervical disc arthroplasty. *Neurosurg Focus*. 2009 Sep;27(3):E10. PubMed PMID: 19722812.

365: Prestigiacomo CJ, Preul MC. Introduction: a view of neurosurgery's legacy in technology. *Neurosurg Focus*. 2009 Sep;27(3):E1. PubMed PMID: 19722811.

366: von Lehe M, Schramm J. Gliomas of the cingulate gyrus: surgical management and functional outcome. *Neurosurg Focus*. 2009 Aug;27(2):E9. PubMed PMID: 19645564.

367: Duffau H, Moritz-Gasser S, Gatignol P. Functional outcome after language mapping for insular World Health Organization Grade II gliomas in the dominant hemisphere: experience with 24 patients. *Neurosurg Focus*. 2009 Aug;27(2):E7. PubMed PMID: 19645563.

368: Ruban D, Byrne RW, Kanner A, Smith M, Cochran EJ, Roh D, Whisler WW. Chronic epilepsy associated with temporal tumors: long-term surgical outcome. *Neurosurg Focus*. 2009 Aug;27(2):E6. PubMed PMID: 19645562.

369: Phi JH, Chung CK. Brain tumors in the mesial temporal lobe: long-term oncological outcome. *Neurosurg Focus*. 2009 Aug;27(2):E5. PubMed PMID: 19645561.

370: Rajneesh KF, Binder DK. Tumor-associated epilepsy. *Neurosurg Focus*. 2009 Aug;27(2):E4. Review. PubMed PMID: 19645560.

371: Lövblad KO, Schaller K. Surgical anatomy and functional connectivity of the limbic system. *Neurosurg Focus*. 2009 Aug;27(2):E3. Review. PubMed PMID: 19645559.

372: Kalani MY, Kalani MA, Gwinn R, Keogh B, Tse VC. Embryological development of the human insula and its implications for the spread and resection of insular gliomas. *Neurosurg Focus*. 2009 Aug;27(2):E2. Review. PubMed PMID: 19645558.

373: Meyer B. Introduction: surgery of limbic and paralimbic gliomas. *Neurosurg Focus*. 2009 Aug;27(2):E1. PubMed PMID: 19645557.

374: Kellis SS, House PA, Thomson KE, Brown R, Greger B. Human neocortical electrical activity recorded on nonpenetrating microwire arrays: applicability for neuroprostheses. *Neurosurg Focus*. 2009 Jul;27(1):E9. PubMed PMID: 19569897; PubMed Central PMCID: PMC2941644.

375: Rohatgi P, Langhals NB, Kipke DR, Patil PG. In vivo performance of a microelectrode neural probe with integrated drug delivery. *Neurosurg Focus*. 2009 Jul;27(1):E8. PubMed PMID: 19569896.

376: Denning T, Matsuoka Y, Kohno T. Neurosecurity: security and privacy for neural devices. *Neurosurg Focus*. 2009 Jul;27(1):E7. PubMed PMID: 19569895.

377: Pezaris JS, Eskandar EN. Getting signals into the brain: visual prosthetics through thalamic

microstimulation. *Neurosurg Focus*. 2009 Jul;27(1):E6. Review. PubMed PMID: 19569894; PubMed Central PMCID: PMC2848996.

378: Ryu SI, Shenoy KV. Human cortical prostheses: lost in translation? *Neurosurg Focus*. 2009 Jul;27(1):E5. Review. PubMed PMID: 19569893.

379: Leuthardt EC, Schalk G, Roland J, Rouse A, Moran DW. Evolution of brain-computer interfaces: going beyond classic motor physiology. *Neurosurg Focus*. 2009 Jul;27(1):E4. Review. PubMed PMID: 19569892; PubMed Central PMCID: PMC2920041.

380: Hu R, Eskandar E, Williams Z. Role of deep brain stimulation in modulating memory formation and recall. *Neurosurg Focus*. 2009 Jul;27(1):E3. PubMed PMID: 19569891; PubMed Central PMCID: PMC2848994.

381: Awan NR, Lozano A, Hamani C. Deep brain stimulation: current and future perspectives. *Neurosurg Focus*. 2009 Jul;27(1):E2. Review. PubMed PMID: 19569890.

382: Pancrazio JJ. National Institute of Neurological Disorders and Stroke support for brain-machine interface technology. *Neurosurg Focus*. 2009 Jul;27(1):E14. PubMed PMID: 19569889; PubMed Central PMCID: PMC2742776.

383: Blakely T, Miller KJ, Zanos SP, Rao RP, Ojemann JG. Robust, long-term control of an electrocorticographic brain-computer interface with fixed parameters. *Neurosurg Focus*. 2009 Jul;27(1):E13. PubMed PMID: 19569888.

384: Scherer R, Zanos SP, Miller KJ, Rao RP, Ojemann JG. Classification of contralateral and ipsilateral finger movements for electrocorticographic brain-computer interfaces. *Neurosurg Focus*. 2009 Jul;27(1):E12. PubMed PMID: 19569887.

385: Reddy CG, Reddy GG, Kawasaki H, Oya H, Miller LE, Howard MA 3rd. Decoding movement-related cortical potentials from electrocorticography. *Neurosurg Focus*. 2009 Jul;27(1):E11. PubMed PMID: 19569886.

386: Leuthardt EC, Freudenberg Z, Bundy D, Roland J. Microscale recording from human motor cortex: implications for minimally invasive electrocorticographic brain-computer interfaces. *Neurosurg Focus*. 2009 Jul;27(1):E10. PubMed PMID: 19569885; PubMed Central PMCID: PMC2875251.

387: Patil PG. Introduction: advances in brain-machine interfaces. *Neurosurg Focus*. 2009 Jul;27(1):E1. PubMed PMID: 19569884.

388: Gooch MR, Gin GE, Kenning TJ, German JW. Complications of cranioplasty following decompressive craniectomy: analysis of 62 cases. *Neurosurg Focus*. 2009 Jun;26(6):E9. PubMed PMID: 19485722.

389: Aarabi B, Chesler D, Maulucci C, Blacklock T, Alexander M. Dynamics of subdural hygroma following decompressive craniectomy: a comparative study. *Neurosurg Focus*. 2009 Jun;26(6):E8. PubMed PMID: 19485721.

390: Stiver SI. Complications of decompressive craniectomy for traumatic brain injury. *Neurosurg Focus*. 2009 Jun;26(6):E7. Review. PubMed PMID: 19485720.

391: Kenning TJ, Gandhi RH, German JW. A comparison of hinge craniotomy and decompressive craniectomy for the treatment of malignant intracranial hypertension: early clinical and radiographic

analysis. Neurosurg Focus. 2009 Jun;26(6):E6. PubMed PMID: 19485719.

392: Lanterna LA, Gritti P, Manara O, Grimod G, Bortolotti G, Biroli F. Decompressive surgery in malignant dural sinus thrombosis: report of 3 cases and review of the literature. Neurosurg Focus. 2009 Jun;26(6):E5. Review. PubMed PMID: 19485718.

393: Güresir E, Schuss P, Vatter H, Raabe A, Seifert V, Beck J. Decompressive craniectomy in subarachnoid hemorrhage. Neurosurg Focus. 2009 Jun;26(6):E4. PubMed PMID: 19485717.

394: Arac A, Blanchard V, Lee M, Steinberg GK. Assessment of outcome following decompressive craniectomy for malignant middle cerebral artery infarction in patients older than 60 years of age. Neurosurg Focus. 2009 Jun;26(6):E3. Review. PubMed PMID: 19485716.

395: Danish SF, Barone D, Lega BC, Stein SC. Quality of life after hemicraniectomy for traumatic brain injury in adults. A review of the literature. Neurosurg Focus. 2009 Jun;26(6):E2. Review. PubMed PMID: 19485715.

396: Cabraja M, Klein M, Lehmann TN. Long-term results following titanium cranioplasty of large skull defects. Neurosurg Focus. 2009 Jun;26(6):E10. PubMed PMID: 19485714.

397: Manley GT. Introduction: decompressive craniectomy for trauma and cerebrovascular disease. Neurosurg Focus. 2009 Jun;26(6):E1. PubMed PMID: 19485713.

398: Pham K, Gupta R. Understanding the mechanisms of entrapment neuropathies. Review article. Neurosurg Focus. 2009 Feb;26(2):E7. Review. PubMed PMID: 19435447.

399: Oppenheim JS, Spitzer DE, Winfree CJ. Spinal cord bypass surgery using peripheral nerve transfers: review of translational studies and a case report on its use following complete spinal cord injury in a human. Experimental article. Neurosurg Focus. 2009 Feb;26(2):E6. PubMed PMID: 19435446.

400: de Ruitter GC, Malessy MJ, Yaszemski MJ, Windebank AJ, Spinner RJ. Designing ideal conduits for peripheral nerve repair. Neurosurg Focus. 2009 Feb;26(2):E5. Review. PubMed PMID: 19435445; PubMed Central PMCID: PMC2978041.

401: Hood B, Levene HB, Levi AD. Transplantation of autologous Schwann cells for the repair of segmental peripheral nerve defects. Neurosurg Focus. 2009 Feb;26(2):E4. Review. PubMed PMID: 19435444.

402: Walsh S, Midha R. Practical considerations concerning the use of stem cells for peripheral nerve repair. Neurosurg Focus. 2009 Feb;26(2):E2. Review. PubMed PMID: 19435443.

403: Koenig RW, Pedro MT, Heinen CP, Schmidt T, Richter HP, Antoniadis G, Kretschmer T. High-resolution ultrasonography in evaluating peripheral nerve entrapment and trauma. Neurosurg Focus. 2009 Feb;26(2):E13. Review. PubMed PMID: 19435442.

404: Elangovan S, Odegard GM, Morrow DA, Wang H, Hébert-Blouin MN, Spinner RJ. Intraneural ganglia: a clinical problem deserving a mechanistic explanation and model. Neurosurg Focus. 2009 Feb;26(2):E11. Review. PubMed PMID: 19435441.

405: Wang H, Terrill RQ, Tanaka S, Amrami KK, Spinner RJ. Adherence of intraneural ganglia of the upper extremity to the principles of the unifying articular (synovial) theory. Neurosurg Focus. 2009 Feb;26(2):E10. PubMed PMID: 19435440.

406: Friedman AH, Elias WJ, Midha R. Introduction: peripheral nerve surgery–biology, entrapment, and injuries. *Neurosurg Focus*. 2009 Feb;26(2):E1. PubMed PMID: 19435439.

407: Brown JM, Shah MN, Mackinnon SE. Distal nerve transfers: a biology-based rationale. *Neurosurg Focus*. 2009 Feb;26(2):E12. Review. PubMed PMID: 19416056.

408: Achrol AS, Guzman R, Varga M, Adler JR, Steinberg GK, Chang SD. Pathogenesis and radiobiology of brain arteriovenous malformations: implications for risk stratification in natural history and posttreatment course. *Neurosurg Focus*. 2009 May;26(5):E9. Review. PubMed PMID: 19409010.

409: Ducruet AF, Kellner CP, Connolly ES Jr, Meyers PM. Endovascular occlusion of a ruptured transitional aneurysm associated with a developmental venous anomaly. Case report. *Neurosurg Focus*. 2009 May;26(5):E8. PubMed PMID: 19409009.

410: Zada G, Christian E, Liu CY, Giannotta SL. Fenestrated aneurysm clips in the surgical management of anterior communicating artery aneurysms: operative techniques and strategy. Clinical article. *Neurosurg Focus*. 2009 May;26(5):E7. PubMed PMID: 19409008.

411: Bambakidis NC, Manjila S, Dashti S, Tarr R, Megerian CA. Management of anterior inferior cerebellar artery aneurysms: an illustrative case and review of literature. *Neurosurg Focus*. 2009 May;26(5):E6. Review. PubMed PMID: 19409007.

412: Christiano LD, Gupta G, Prestigiacomo CJ, Gandhi CD. Giant serpentine aneurysms. *Neurosurg Focus*. 2009 May;26(5):E5. Review. PubMed PMID: 19409006.

413: Eddleman CS, Hurley MC, Bendok BR, Batjer HH. Cavernous carotid aneurysms: to treat or not to treat? *Neurosurg Focus*. 2009 May;26(5):E4. Review. PubMed PMID: 19409005.

414: de Oliveira JG, Borba LA, Rassi-Neto A, de Moura SM, Sanchez-Júnior SL, Rassi MS, de Holanda CV, Giudicissi-Filho M. Intracranial aneurysms presenting with mass effect over the anterior optic pathways: neurosurgical management and outcomes. *Neurosurg Focus*. 2009 May;26(5):E3. PubMed PMID: 19409004.

415: Choi R, Andres RH, Steinberg GK, Guzman R. Intraoperative hypothermia during vascular neurosurgical procedures. *Neurosurg Focus*. 2009 May;26(5):E24. Review. PubMed PMID: 19409003.

416: Merchant A, Drazin D, Dalfino J, Yamamoto J, Boulos AS. Delayed stenosis as a consequence of angioplasty for subarachnoid hemorrhage-induced vasospasm. Case report. *Neurosurg Focus*. 2009 May;26(5):E23. PubMed PMID: 19409002.

417: Fountas KN, Tasiou A, Kapsalaki EZ, Paterakis KN, Grigorian AA, Lee GP, Robinson JS Jr. Serum and cerebrospinal fluid C-reactive protein levels as predictors of vasospasm in aneurysmal subarachnoid hemorrhage. Clinical article. *Neurosurg Focus*. 2009 May;26(5):E22. PubMed PMID: 19409001.

418: Whiting J, Reavey-Cantwell J, Velat G, Fautheree G, Firment C, Lewis S, Hoh B. Clinical course of nontraumatic, nonaneurysmal subarachnoid hemorrhage: a single-institution experience. *Neurosurg Focus*. 2009 May;26(5):E21. PubMed PMID: 19409000.

419: Fischer G, Stadie A, Schwandt E, Gawehn J, Boor S, Marx J, Oertel J. Minimally invasive superficial temporal artery to middle cerebral artery bypass through a minicraniotomy: benefit of three-dimensional virtual reality planning using magnetic resonance angiography. *Neurosurg Focus*. 2009 May;26(5):E20. PubMed PMID: 19408999.

- 420: Lall RR, Eddleman CS, Bendok BR, Batjer HH. Unruptured intracranial aneurysms and the assessment of rupture risk based on anatomical and morphological factors: sifting through the sands of data. *Neurosurg Focus*. 2009 May;26(5):E2. Review. PubMed PMID: 19408998.
- 421: Crowley RW, Medel R, Dumont AS. Operative nuances of an occipital artery to posterior inferior cerebellar artery bypass. *Neurosurg Focus*. 2009 May;26(5):E19. Review. PubMed PMID: 19408997.
- 422: Baaj AA, Agazzi S, van Loveren H. Graft selection in cerebral revascularization. *Neurosurg Focus*. 2009 May;26(5):E18. Review. PubMed PMID: 19408996.
- 423: Hayden MG, Lee M, Guzman R, Steinberg GK. The evolution of cerebral revascularization surgery. *Neurosurg Focus*. 2009 May;26(5):E17. Review. PubMed PMID: 19408995.
- 424: Pham M, Gross BA, Bendok BR, Awad IA, Batjer HH. Radiosurgery for angiographically occult vascular malformations. *Neurosurg Focus*. 2009 May;26(5):E16. Review. PubMed PMID: 19408994.
- 425: Sivakumar W, Zada G, Yashar P, Giannotta SL, Teitelbaum G, Larsen DW. Endovascular management of spinal dural arteriovenous fistulas. A review. *Neurosurg Focus*. 2009 May;26(5):E15. Review. PubMed PMID: 19408993.
- 426: Zipfel GJ, Shah MN, Refai D, Dacey RG Jr, Derdeyn CP. Cranial dural arteriovenous fistulas: modification of angiographic classification scales based on new natural history data. *Neurosurg Focus*. 2009 May;26(5):E14. Review. PubMed PMID: 19408992.
- 427: Loy DN, Rich KM, Simpson J, Dorward I, Santanam L, Derdeyn CP. Time-of-flight magnetic resonance angiography imaging of a residual arteriovenous malformation nidus after Onyx embolization for stereotactic radiosurgery planning. Technical note. *Neurosurg Focus*. 2009 May;26(5):E13. PubMed PMID: 19408991.
- 428: Arnaout OM, Gross BA, Eddleman CS, Bendok BR, Getch CC, Batjer HH. Posterior fossa arteriovenous malformations. *Neurosurg Focus*. 2009 May;26(5):E12. Review. PubMed PMID: 19408990.
- 429: Moftakhar P, Hauptman JS, Malkasian D, Martin NA. Cerebral arteriovenous malformations. Part 2: physiology. *Neurosurg Focus*. 2009 May;26(5):E11. Review. PubMed PMID: 19408989.
- 430: Moftakhar P, Hauptman JS, Malkasian D, Martin NA. Cerebral arteriovenous malformations. Part 1: cellular and molecular biology. *Neurosurg Focus*. 2009 May;26(5):E10. Review. PubMed PMID: 19408988.
- 431: Eddleman CS, Batjer HH, Lavine S. Introduction: vascular neurosurgery. *Neurosurg Focus*. 2009 May;26(5):E1. PubMed PMID: 19408987.
- 432: Jane JA Sr. Molecular mechanisms of traumatic brain injury in children. A review. *Neurosurg Focus*. 2009 Apr;26(4):E12. PubMed PMID: 19341349.
- 433: Czabanka M, Vajkoczy P, Schmiedek P, Horn P. Age-dependent revascularization patterns in the treatment of moyamoya disease in a European patient population. *Neurosurg Focus*. 2009 Apr;26(4):E9. PubMed PMID: 19335135.
- 434: Starke RM, Komotar RJ, Connolly ES. Optimal surgical treatment for moyamoya disease in adults: direct versus indirect bypass. *Neurosurg Focus*. 2009 Apr;26(4):E8. Review. PubMed PMID: 19335134.

435: Baaj AA, Agazzi S, Sayed ZA, Toledo M, Spetzler RF, van Loveren H. Surgical management of moyamoya disease: a review. *Neurosurg Focus*. 2009 Apr;26(4):E7. Review. PubMed PMID: 19335133.

436: Zipfel GJ, Sagar J, Miller JP, Videen TO, Grubb RL Jr, Dacey RG Jr, Derdeyn CP. Cerebral hemodynamics as a predictor of stroke in adult patients with moyamoya disease: a prospective observational study. *Neurosurg Focus*. 2009 Apr;26(4):E6. PubMed PMID: 19335132; PubMed Central PMCID: PMC2747517.

437: Lee M, Zaharchuk G, Guzman R, Achrol A, Bell-Stephens T, Steinberg GK. Quantitative hemodynamic studies in moyamoya disease: a review. *Neurosurg Focus*. 2009 Apr;26(4):E5. Review. PubMed PMID: 19335131; PubMed Central PMCID: PMC2905646.

438: Achrol AS, Guzman R, Lee M, Steinberg GK. Pathophysiology and genetic factors in moyamoya disease. *Neurosurg Focus*. 2009 Apr;26(4):E4. Review. PubMed PMID: 19335130.

439: Bacigaluppi S, Dehdashti AR, Agid R, Krings T, Tymianski M, Mikulis DJ. The contribution of imaging in diagnosis, preoperative assessment, and follow-up of moyamoya disease: a review. *Neurosurg Focus*. 2009 Apr;26(4):E3. Review. Erratum in: *Neurosurg Focus*. 2009 Apr;26(4):E3a. PubMed PMID: 19335129.

440: Smith JL. Understanding and treating moyamoya disease in children. *Neurosurg Focus*. 2009 Apr;26(4):E4. Review. PubMed PMID: 19335128.

441: Burke GM, Burke AM, Sherma AK, Hurley MC, Batjer HH, Bendok BR. Moyamoya disease: a summary. *Neurosurg Focus*. 2009 Apr;26(4):E11. Review. PubMed PMID: 19335127.

442: Smith ER, McClain CD, Heeney M, Scott RM. Pial synangiosis in patients with moyamoya syndrome and sickle cell anemia: perioperative management and surgical outcome. *Neurosurg Focus*. 2009 Apr;26(4):E10. PubMed PMID: 19335126.

443: Scott RM, Smith ER. Introduction: moyamoya disease. *Neurosurg Focus*. 2009 Apr;26(4):E1. PubMed PMID: 19335125.

444: Filler AG. Diagnosis and treatment of pudendal nerve entrapment syndrome subtypes: imaging, injections, and minimal access surgery. *Neurosurg Focus*. 2009 Feb;26(2):E9. PubMed PMID: 19323602.

445: Eddleman CS, Hurley MC, Naidech AM, Batjer HH, Bendok BR. Endovascular options in the treatment of delayed ischemic neurological deficits due to cerebral vasospasm. *Neurosurg Focus*. 2009;26(3):E6. Review. PubMed PMID: 19249962.

446: Crowley RW, Medel R, Dumont AS. Traumatic high flow vertebral-venous fistula presenting with delayed ischemic stroke: endovascular management with detachable coils and Amplatzer Vascular Plugs. *Neurosurg Focus*. 2009;26(3):E5. PubMed PMID: 19249961.

447: Medel R, Crowley RW, Dumont AS. Hyperperfusion syndrome following endovascular cerebral revascularization. *Neurosurg Focus*. 2009;26(3):E4. Review. PubMed PMID: 19249960.

448: Kole M, Amin B, Marin H, Russman A, Sanders W. Intracranial angioplasty and stent placement for direct cerebral revascularization of nonacute intracranial occlusions and near occlusions. *Neurosurg Focus*. 2009;26(3):E3. PubMed PMID: 19249959.

449: Gandhi CD, Christiano LD, Prestigiacomo CJ. Endovascular management of acute ischemic

stroke. Neurosurg Focus. 2009;26(3):E2. Review. PubMed PMID: 19249958.

450: Dumont AS, Evans AJ. Introduction: Endovascular approaches to cerebral ischemia. Neurosurg Focus. 2009;26(3):E1. PubMed PMID: 19249957.

451: Gordon T. The role of neurotrophic factors in nerve regeneration. Neurosurg Focus. 2009 Feb;26(2):E3. Review. PubMed PMID: 19228105.

452: Lad SP, Santarelli JG, Patil CG, Steinberg GK, Boakye M. National trends in spinal arteriovenous malformations. Neurosurg Focus. 2009 Jan;26(1):1-5. PubMed PMID: 19228104.

453: Rochkind S. Phototherapy in peripheral nerve regeneration: From basic science to clinical study. Neurosurg Focus. 2009 Feb;26(2):E8. PubMed PMID: 19199510.

454: Zhao JC, Liu JK. Transzygomatic extended middle fossa approach for upper petroclival skull base lesions. Neurosurg Focus. 2008;25(6):E5; discussion E5. PubMed PMID: 19128050.

455: Eddleman CS, Jeong H, Cashen TA, Walker M, Bendok BR, Batjer HH, Carroll TJ. Advanced noninvasive imaging of spinal vascular malformations. Neurosurg Focus. 2009 Jan;26(1):E9. Review. PubMed PMID: 19119895; PubMed Central PMCID: PMC2843400.

456: Dehdashti AR, Da Costa LB, terBrugge KG, Willinsky RA, Tymianski M, Wallace MC. Overview of the current role of endovascular and surgical treatment in spinal dural arteriovenous fistulas. Neurosurg Focus. 2009 Jan;26(1):E8. Review. PubMed PMID: 19119894.

457: Medel R, Crowley RW, Dumont AS. Endovascular management of spinal vascular malformations: history and literature review. Neurosurg Focus. 2009 Jan;26(1):E7. Review. PubMed PMID: 19119893.

458: da Costa L, Dehdashti AR, terBrugge KG. Spinal cord vascular shunts: spinal cord vascular malformations and dural arteriovenous fistulas. Neurosurg Focus. 2009 Jan;26(1):E6. Review. PubMed PMID: 19119892.

459: Clarke MJ, Patrick TA, White JB, Cloft HJ, Krauss WE, Lindell EP, Piepgras DG. Spinal extradural arteriovenous malformations with parenchymal drainage: venous drainage variability and implications in clinical manifestations. Neurosurg Focus. 2009 Jan;26(1):E5. PubMed PMID: 19119891.

460: Fassett DR, Rammos SK, Patel P, Parikh H, Couldwell WT. Intracranial subarachnoid hemorrhage resulting from cervical spine dural arteriovenous fistulas: literature review and case presentation. Neurosurg Focus. 2009 Jan;26(1):E4. Review. PubMed PMID: 19119890.

461: Kloppe HB, Surdell DL, Thorell WE. Type I spinal dural arteriovenous fistulas: historical review and illustrative case. Neurosurg Focus. 2009 Jan;26(1):E3. Review. PubMed PMID: 19119889.

462: Manjila S, Haroon N, Parker B, Xavier AR, Guthikonda M, Rengachary SS. Albert Wojciech Adamkiewicz (1850-1921): unsung hero behind the eponymic artery. Neurosurg Focus. 2009 Jan;26(1):E2. PubMed PMID: 19119888.

463: Oldfield EH. Introduction: Spinal vascular malformations. Neurosurg Focus. 2009 Jan;26(1):E1. PubMed PMID: 19119887.

464: Surdell DL, Hage ZA, Eddleman CS, Gupta DK, Bendok BR, Batjer HH. Revascularization for complex intracranial aneurysms. Neurosurg Focus. 2008;24(2):E21. Review. PubMed PMID: 19072335.

465: Jabbour P, Fehlings M, Vaccaro AR, Harrop JS. Traumatic spine injuries in the geriatric population. *Neurosurg Focus*. 2008;25(5):E16. Review. PubMed PMID: 19067564.

466: Bragg TM, Duckworth EA. Contralateral far-lateral approach for clipping of a ruptured vertebral artery-posterior inferior cerebellar artery aneurysm. *Neurosurg Focus*. 2008;25(6):E9. PubMed PMID: 19035706.

467: de Divitiis E, Esposito F, Cappabianca P, Cavallo LM, de Divitiis O, Esposito I. Endoscopic transnasal resection of anterior cranial fossa meningiomas. *Neurosurg Focus*. 2008;25(6):E8. PubMed PMID: 19035705.

468: Carrabba G, Dehdashti AR, Gentili F. Surgery for clival lesions: open resection versus the expanded endoscopic endonasal approach. *Neurosurg Focus*. 2008;25(6):E7. PubMed PMID: 19035704.

469: Ramina R, Mattei TA, Sória MG, da Silva EB Jr, Leal AG, Neto MC, Fernandes YB. Surgical management of trigeminal schwannomas. *Neurosurg Focus*. 2008;25(6):E6; discussion E6. PubMed PMID: 19035703.

470: Seçkin H, Avci E, Uluç K, Niemann D, Başkaya MK. The work horse of skull base surgery: orbitozygomatic approach. Technique, modifications, and applications. *Neurosurg Focus*. 2008;25(6):E4. PubMed PMID: 19035702.

471: Zada G, Day JD, Giannotta SL. The extradural temporopolar approach: a review of indications and operative technique. *Neurosurg Focus*. 2008;25(6):E3. PubMed PMID: 19035701.

472: Janjua RM, Al-Mefty O, Densler DW, Shields CB. Dural relationships of Meckel cave and lateral wall of the cavernous sinus. *Neurosurg Focus*. 2008;25(6):E2. PubMed PMID: 19035700.

473: Di X, Luciano MG, Benzel EC. Acute respiratory arrest following partial suboccipital cranioplasty for cerebellar ptosis from Chiari malformation decompression. *Neurosurg Focus*. 2008;25(6):E12. PubMed PMID: 19035699.

474: Wind JJ, Caputy AJ, Roberti F. Spontaneous encephaloceles of the temporal lobe. *Neurosurg Focus*. 2008;25(6):E11. Review. PubMed PMID: 19035698.

475: O'Malley BW Jr, Grady MS, Gabel BC, Cohen MA, Heuer GG, Pisapia J, Bohman LE, Leibowitz JM. Comparison of endoscopic and microscopic removal of pituitary adenomas: single-surgeon experience and the learning curve. *Neurosurg Focus*. 2008;25(6):E10. PubMed PMID: 19035697.

476: Dolenc VV. Introduction: surgery of the central skull base. *Neurosurg Focus*. 2008;25(6):E1. PubMed PMID: 19035696.

477: Aarabi B, Koltz M, Ibrahimi D. Hyperextension cervical spine injuries and traumatic central cord syndrome. *Neurosurg Focus*. 2008;25(5):E9. Review. PubMed PMID: 18980483.

478: Patel AA, Dailey A, Brodke DS, Daubs M, Anderson PA, Hurlbert RJ, Vaccaro AR; Spine Trauma Study Group. Subaxial cervical spine trauma classification: the Subaxial Injury Classification system and case examples. *Neurosurg Focus*. 2008;25(5):E8. Review. PubMed PMID: 18980482.

479: Kingwell SP, Curt A, Dvorak MF. Factors affecting neurological outcome in traumatic conus medullaris and cauda equina injuries. *Neurosurg Focus*. 2008;25(5):E7. Review. PubMed PMID: 18980481.

- 480: Tufan K, Oztanir N, Ofluoglu E, Ozogul C, Uzum N, Dursun A, Pasaoglu H, Pasaoglu A. Ultrastructure protection and attenuation of lipid peroxidation after blockade of presynaptic release of glutamate by lamotrigine in experimental spinal cord injury. *Neurosurg Focus*. 2008;25(5):E6. PubMed PMID: 18980480.
- 481: Christie SD, Comeau B, Myers T, Sadi D, Purdy M, Mendez I. Duration of lipid peroxidation after acute spinal cord injury in rats and the effect of methylprednisolone. *Neurosurg Focus*. 2008;25(5):E5. PubMed PMID: 18980479.
- 482: Reddy SJ, La Marca F, Park P. The role of heat shock proteins in spinal cord injury. *Neurosurg Focus*. 2008;25(5):E4. Review. PubMed PMID: 18980478.
- 483: Assina R, Sankar T, Theodore N, Javedan SP, Gibson AR, Horn KM, Berens M, Sonntag VK, Preul MC. Activated autologous macrophage implantation in a large-animal model of spinal cord injury. *Neurosurg Focus*. 2008;25(5):E3. PubMed PMID: 18980477.
- 484: Rowland JW, Hawryluk GW, Kwon B, Fehlings MG. Current status of acute spinal cord injury pathophysiology and emerging therapies: promise on the horizon. *Neurosurg Focus*. 2008;25(5):E2. Review. PubMed PMID: 18980476.
- 485: Ahn H, Fehlings MG. Prevention, identification, and treatment of perioperative spinal cord injury. *Neurosurg Focus*. 2008;25(5):E15. Review. PubMed PMID: 18980475.
- 486: Hawryluk GW, Rowland J, Kwon BK, Fehlings MG. Protection and repair of the injured spinal cord: a review of completed, ongoing, and planned clinical trials for acute spinal cord injury. *Neurosurg Focus*. 2008;25(5):E14. Review. PubMed PMID: 18980474.
- 487: Furlan JC, Fehlings MG. Cardiovascular complications after acute spinal cord injury: pathophysiology, diagnosis, and management. *Neurosurg Focus*. 2008;25(5):E13. Review. PubMed PMID: 18980473.
- 488: Horn EM, Theodore N, Assina R, Spetzler RF, Sonntag VK, Preul MC. The effects of intrathecal hypotension on tissue perfusion and pathophysiological outcome after acute spinal cord injury. *Neurosurg Focus*. 2008;25(5):E12. PubMed PMID: 18980472.
- 489: Xie J, Boakye M. Electrophysiological outcomes after spinal cord injury. *Neurosurg Focus*. 2008;25(5):E11. PubMed PMID: 18980471.
- 490: Milby AH, Halpern CH, Guo W, Stein SC. Prevalence of cervical spinal injury in trauma. *Neurosurg Focus*. 2008;25(5):E10. Review. PubMed PMID: 18980470.
- 491: Fehlings MG, Tighe A. Spinal cord injury: the promise of translational research. *Neurosurg Focus*. 2008;25(5):E1. Review. PubMed PMID: 18980469.
- 492: Christian E, Zada G, Sung G, Giannotta SL. A review of selective hypothermia in the management of traumatic brain injury. *Neurosurg Focus*. 2008 Oct;25(4):E9. Review. PubMed PMID: 18828707.
- 493: Tran TY, Dunne IE, German JW. Beta blockers exposure and traumatic brain injury: a literature review. *Neurosurg Focus*. 2008 Oct;25(4):E8. Review. PubMed PMID: 18828706.
- 494: Rangel-Castilla L, Gasco J, Nauta HJ, Okonkwo DO, Robertson CS. Cerebral pressure autoregulation in traumatic brain injury. *Neurosurg Focus*. 2008 Oct;25(4):E7. Review. PubMed PMID: 18828705.

- 495: Jagannathan P, Jagannathan J. Molecular mechanisms of traumatic brain injury in children. A review. *Neurosurg Focus*. 2008 Oct;25(4):E6. Review. Retraction in: *Jane JA Sr. Neurosurg Focus*. 2009 Apr;26(4):E12. PubMed PMID: 18828704.
- 496: Stiver SI, Manley GT. Prehospital management of traumatic brain injury. *Neurosurg Focus*. 2008 Oct;25(4):E5. Review. PubMed PMID: 18828703.
- 497: Figaji AA, Zwane E, Fieggen AG, Peter JC, Leroux PD. Acute clinical grading in pediatric severe traumatic brain injury and its association with subsequent intracranial pressure, cerebral perfusion pressure, and brain oxygenation. *Neurosurg Focus*. 2008 Oct;25(4):E4. PubMed PMID: 18828702.
- 498: Jones KE, Puccio AM, Harshman KJ, Falcione B, Benedict N, Jankowitz BT, Stippler M, Fischer M, Sauber-Schatz EK, Fabio A, Darby JM, Okonkwo DO. Levetiracetam versus phenytoin for seizure prophylaxis in severe traumatic brain injury. *Neurosurg Focus*. 2008 Oct;25(4):E3. PubMed PMID: 18828701.
- 499: Zweifel C, Lavinio A, Steiner LA, Radolovich D, Smielewski P, Timofeev I, Hiler M, Balestreri M, Kirkpatrick PJ, Pickard JD, Hutchinson P, Czosnyka M. Continuous monitoring of cerebrovascular pressure reactivity in patients with head injury. *Neurosurg Focus*. 2008 Oct;25(4):E2. PubMed PMID: 18828700.
- 500: Okonkwo DO. Introduction: traumatic brain injury. *Neurosurg Focus*. 2008 Oct;25(4):E1. PubMed PMID: 18828699.
- 501: Mapstone TB. Vagus nerve stimulation: current concepts. *Neurosurg Focus*. 2008 Sep;25(3):E9. Review. PubMed PMID: 18759633.
- 502: Addas B, Sherman EM, Hader WJ. Surgical management of hypothalamic hamartomas in patients with gelastic epilepsy. *Neurosurg Focus*. 2008 Sep;25(3):E8. Review. PubMed PMID: 18759632.
- 503: Jea A, Vachhrajani S, Johnson KK, Rutka JT. Corpus callosotomy in children with intractable epilepsy using frameless stereotactic neuronavigation: 12-year experience at the Hospital for Sick Children in Toronto. *Neurosurg Focus*. 2008 Sep;25(3):E7. PubMed PMID: 18759631.
- 504: Diaz RJ, Sherman EM, Hader WJ. Surgical treatment of intractable epilepsy associated with focal cortical dysplasia. *Neurosurg Focus*. 2008 Sep;25(3):E6. Review. PubMed PMID: 18759630.
- 505: Adada B. Selective amygdalohippocampectomy via the transsylvian approach. *Neurosurg Focus*. 2008 Sep;25(3):E5. Review. PubMed PMID: 18759629.
- 506: Wheatley BM. Selective amygdalohippocampectomy: the trans-middle temporal gyrus approach. *Neurosurg Focus*. 2008 Sep;25(3):E4. Review. PubMed PMID: 18759628.
- 507: Widjaja E, Raybaud C. Advances in neuroimaging in patients with epilepsy. *Neurosurg Focus*. 2008 Sep;25(3):E3. Review. PubMed PMID: 18759627.
- 508: Bhatia S, Ragheb J, Johnson M, Oh S, Sandberg DI, Lin WC. The role of optical spectroscopy in epilepsy surgery in children. *Neurosurg Focus*. 2008 Sep;25(3):E24. PubMed PMID: 18759626.
- 509: Van Gompel JJ, Stead SM, Giannini C, Meyer FB, Marsh WR, Fountain T, So E, Cohen-Gadol A, Lee KH, Worrell GA. Phase I trial: safety and feasibility of intracranial electroencephalography using hybrid subdural electrodes containing macro- and microelectrode arrays. *Neurosurg Focus*. 2008 Sep;25(3):E23. PubMed PMID: 18759625; PubMed Central PMCID: PMC2841515.

- 510: Kahle KT, Staley KJ. The bumetanide-sensitive Na-K-2Cl cotransporter NKCC1 as a potential target of a novel mechanism-based treatment strategy for neonatal seizures. *Neurosurg Focus*. 2008 Sep;25(3):E22. Review. PubMed PMID: 18759624.
- 511: Chamoun RB, Nayar VV, Yoshor D. Neuronavigation applied to epilepsy monitoring with subdural electrodes. *Neurosurg Focus*. 2008 Sep;25(3):E21. Review. PubMed PMID: 18759623.
- 512: Stuart RM, Goodman RR. Novel use of a custom stereotactic frame for placement of depth electrodes for epilepsy monitoring. *Neurosurg Focus*. 2008 Sep;25(3):E20. PubMed PMID: 18759622.
- 513: Go C, Snead OC 3rd. Pharmacologically intractable epilepsy in children: diagnosis and preoperative evaluation. *Neurosurg Focus*. 2008 Sep;25(3):E2. Review. PubMed PMID: 18759621.
- 514: Spire WJ, Jobst BC, Thadani VM, Williamson PD, Darcey TM, Roberts DW. Robotic image-guided depth electrode implantation in the evaluation of medically intractable epilepsy. *Neurosurg Focus*. 2008 Sep;25(3):E19. PubMed PMID: 18759620.
- 515: Blount JP, Cormier J, Kim H, Kankirawatana P, Riley KO, Knowlton RC. Advances in intracranial monitoring. *Neurosurg Focus*. 2008 Sep;25(3):E18. Review. PubMed PMID: 18759619.
- 516: Stone SS, Rutka JT. Utility of neuronavigation and neuromonitoring in epilepsy surgery. *Neurosurg Focus*. 2008 Sep;25(3):E17. Review. PubMed PMID: 18759618.
- 517: Tovar-Spinoza ZS, Ochi A, Rutka JT, Go C, Otsubo H. The role of magnetoencephalography in epilepsy surgery. *Neurosurg Focus*. 2008 Sep;25(3):E16. Review. PubMed PMID: 18759617.
- 518: Goyal M, Robinson S. Expanding the role of surgery in intractable extratemporal pediatric epilepsy. *Neurosurg Focus*. 2008 Sep;25(3):E15. PubMed PMID: 18759616.
- 519: De Ribaupierre S, Delalande O. Hemispherotomy and other disconnective techniques. *Neurosurg Focus*. 2008 Sep;25(3):E14. Review. PubMed PMID: 18759615.
- 520: Bollo RJ, Kalhorn SP, Carlson C, Haegeli V, Devinsky O, Weiner HL. Epilepsy surgery and tuberous sclerosis complex: special considerations. *Neurosurg Focus*. 2008 Sep;25(3):E13. Review. PubMed PMID: 18759614.
- 521: Anderson WS, Kossoff EH, Bergey GK, Jallo GI. Implantation of a responsive neurostimulator device in patients with refractory epilepsy. *Neurosurg Focus*. 2008 Sep;25(3):E12. PubMed PMID: 18759613.
- 522: Ellis TL, Stevens A. Deep brain stimulation for medically refractory epilepsy. *Neurosurg Focus*. 2008 Sep;25(3):E11. Review. PubMed PMID: 18759612.
- 523: Baaj AA, Benbadis SR, Tatum WO, Vale FL. Trends in the use of vagus nerve stimulation for epilepsy: analysis of a nationwide database. *Neurosurg Focus*. 2008 Sep;25(3):E10. PubMed PMID: 18759611.
- 524: Rutka JT. Advances in the management of epilepsy. *Neurosurg Focus*. 2008 Sep;25(3):E1. PubMed PMID: 18759610.
- 525: Smith JS, Ogden AT, Fessler RG. Minimally invasive posterior thoracic fusion. *Neurosurg Focus*. 2008;25(2):E9. Review. PubMed PMID: 18673057.

- 526: Kan P, Schmidt MH. Minimally invasive thoracoscopic approach for anterior decompression and stabilization of metastatic spine disease. *Neurosurg Focus*. 2008;25(2):E8. PubMed PMID: 18673056.
- 527: Wang VY, Kanter AS, Mummaneni PV. Removal of ossified ligamentum flavum via a minimally invasive surgical approach. *Neurosurg Focus*. 2008;25(2):E7. PubMed PMID: 18673055.
- 528: Gardner PA, Ochalski PG, Moossy JJ. Minimally invasive endoscopic-assisted posterior thoracic sympathectomy. *Neurosurg Focus*. 2008;25(2):E6. PubMed PMID: 18673054.
- 529: Chi JH, Dhall SS, Kanter AS, Mummaneni PV. The Mini-Open transpedicular thoracic discectomy: surgical technique and assessment. *Neurosurg Focus*. 2008;25(2):E5. PubMed PMID: 18673053.
- 530: Rhiew R, Manjila S, Dezure A, Tabbosha M, Guthikonda M, Eltahawy H. Minimally invasive anterior vertebroplasty for C-2 metastatic lesions. *Neurosurg Focus*. 2008;25(2):E4. PubMed PMID: 18673052.
- 531: Benglis DM, Guest JD, Wang MY. Clinical feasibility of minimally invasive cervical laminoplasty. *Neurosurg Focus*. 2008;25(2):E3. Review. PubMed PMID: 18673051.
- 532: German JW, Adamo MA, Hoppenot RG, Blossom JH, Nagle HA. Perioperative results following lumbar discectomy: comparison of minimally invasive discectomy and standard microdiscectomy. *Neurosurg Focus*. 2008;25(2):E20. Review. PubMed PMID: 18673050.
- 533: Coric D, Adamson T. Minimally invasive cervical microendoscopic laminoforaminotomy. *Neurosurg Focus*. 2008;25(2):E2. PubMed PMID: 18673049.
- 534: Hsieh PC, Koski TR, Sciubba DM, Moller DJ, O'Shaughnessy BA, Li KW, Gokaslan ZL, Ondra SL, Fessler RG, Liu JC. Maximizing the potential of minimally invasive spine surgery in complex spinal disorders. *Neurosurg Focus*. 2008;25(2):E19. PubMed PMID: 18673048.
- 535: Sheehan JP, Jagannathan J. Review of spinal radiosurgery: a minimally invasive approach for the treatment of spinal and paraspinal metastases. *Neurosurg Focus*. 2008;25(2):E18. Review. PubMed PMID: 18673047.
- 536: Wang MY, Ludwig SC, Anderson DG, Mummaneni PV. Percutaneous iliac screw placement: description of a new minimally invasive technique. *Neurosurg Focus*. 2008;25(2):E17. PubMed PMID: 18673046.
- 537: Park P, Foley KT. Minimally invasive transforaminal lumbar interbody fusion with reduction of spondylolisthesis: technique and outcomes after a minimum of 2 years' follow-up. *Neurosurg Focus*. 2008;25(2):E16. PubMed PMID: 18673045.
- 538: Noggle JC, Sciubba DM, Samdani AF, Anderson DG, Betz RR, Asghar J. Minimally invasive direct repair of lumbar spondylolysis with a pedicle screw and hook construct. *Neurosurg Focus*. 2008;25(2):E15. PubMed PMID: 18673044.
- 539: Parikh K, Tomasino A, Knopman J, Boockvar J, Härtl R. Operative results and learning curve: microscope-assisted tubular microsurgery for 1- and 2-level discectomies and laminectomies. *Neurosurg Focus*. 2008;25(2):E14. PubMed PMID: 18673043.
- 540: Brennan RP, Smucker PY, Horn EM. Minimally invasive image-guided direct repair of bilateral L-5 pars interarticularis defects. *Neurosurg Focus*. 2008;25(2):E13. Review. PubMed PMID: 18673042.

- 541: Harris EB, Massey P, Lawrence J, Rihn J, Vaccaro A, Anderson DG. Percutaneous techniques for minimally invasive posterior lumbar fusion. *Neurosurg Focus*. 2008;25(2):E12. PubMed PMID: 18673041.
- 542: Armin SS, Holly LT, Khoo LT. Minimally invasive decompression for lumbar stenosis and disc herniation. *Neurosurg Focus*. 2008;25(2):E11. Review. PubMed PMID: 18673040.
- 543: Pirris SM, Dhall S, Mummaneni PV, Kanter AS. Minimally invasive approach to extraforaminal disc herniations at the lumbosacral junction using an operating microscope: case series and review of the literature. *Neurosurg Focus*. 2008;25(2):E10. Review. PubMed PMID: 18673039.
- 544: Kanter AS, Mummaneni PV. Minimally invasive spine surgery. *Neurosurg Focus*. 2008;25(2):E1. PubMed PMID: 18673038.
- 545: Manjila S, Rengachary S, Xavier AR, Parker B, Guthikonda M. Modern psychosurgery before Egas Moniz: a tribute to Gottlieb Burckhardt. *Neurosurg Focus*. 2008;25(1):E9. PubMed PMID: 18590386.
- 546: Elias WJ, Ray DK, Jane JA. Lennart Heimer: concepts of the ventral striatum and extended amygdala. *Neurosurg Focus*. 2008;25(1):E8. PubMed PMID: 18590385.
- 547: Welkenhuysen M, Van Kuyck K, Das J, Sciote R, Nuttin B. Electrical stimulation in the lateral hypothalamus in rats in the activity-based anorexia model. *Neurosurg Focus*. 2008;25(1):E7. PubMed PMID: 18590384.
- 548: Mpakopoulou M, Gatos H, Brotis A, Paterakis KN, Fountas KN. Stereotactic amygdalotomy in the management of severe aggressive behavioral disorders. *Neurosurg Focus*. 2008;25(1):E6. Review. PubMed PMID: 18590383.
- 549: Stelten BM, Noblesse LH, Ackermans L, Temel Y, Visser-Vandewalle V. The neurosurgical treatment of addiction. *Neurosurg Focus*. 2008;25(1):E5. Review. PubMed PMID: 18590382.
- 550: Eljamel MS. Ablative neurosurgery for mental disorders: is there still a role in the 21st century? A personal perspective. *Neurosurg Focus*. 2008;25(1):E4. PubMed PMID: 18590381.
- 551: Hauptman JS, DeSalles AA, Espinoza R, Sedrak M, Ishida W. Potential surgical targets for deep brain stimulation in treatment-resistant depression. *Neurosurg Focus*. 2008;25(1):E3. Review. PubMed PMID: 18590380.
- 552: Abosch A, Cosgrove GR. Biological basis for the surgical treatment of depression. *Neurosurg Focus*. 2008;25(1):E2. Review. PubMed PMID: 18590379.
- 553: Wind JJ, Anderson DE. From prefrontal leukotomy to deep brain stimulation: the historical transformation of psychosurgery and the emergence of neuroethics. *Neurosurg Focus*. 2008;25(1):E10. PubMed PMID: 18590378.
- 554: Elias WJ, Cosgrove GR. Psychosurgery. *Neurosurg Focus*. 2008;25(1):E1. PubMed PMID: 18590377.
- 555: Cavuşoglu H, Kaya RA, Türkmenoglu ON, Colak I, Aydin Y. Brain abscess: analysis of results in a series of 51 patients with a combined surgical and medical approach during an 11-year period. *Neurosurg Focus*. 2008;24(6):E9. PubMed PMID: 18518754.
- 556: Frazier JL, Ahn ES, Jallo GI. Management of brain abscesses in children. *Neurosurg Focus*.

2008;24(6):E8. Review. PubMed PMID: 18518753.

557: Kapsalaki EZ, Gotsis ED, Fountas KN. The role of proton magnetic resonance spectroscopy in the diagnosis and categorization of cerebral abscesses. *Neurosurg Focus*. 2008;24(6):E7. Review. PubMed PMID: 18518752.

558: Sheehan JP, Jane JA, Ray DK, Goodkin HP. Brain abscess in children. *Neurosurg Focus*. 2008;24(6):E6. Review. PubMed PMID: 18518751.

559: Raffel C. Pediatric brain abscesses. *Neurosurg Focus*. 2008;24(6):E5. PubMed PMID: 18518750.

560: Hakan T. Management of bacterial brain abscesses. *Neurosurg Focus*. 2008;24(6):E4. Review. PubMed PMID: 18518749.

561: Moorthy RK, Rajshekhar V. Management of brain abscess: an overview. *Neurosurg Focus*. 2008;24(6):E3. Review. PubMed PMID: 18518748.

562: Erdoğan E, Cansever T. Pyogenic brain abscess. *Neurosurg Focus*. 2008;24(6):E2. Review. PubMed PMID: 18518747.

563: Kothari M, Goel A. Brain abscess: a cogent clarifier of the confused concept of immunity. *Neurosurg Focus*. 2008;24(6):E16. Review. PubMed PMID: 18518746.

564: Izci Y, Tüzün Y, Seçer Hİ, Gönül E. Cerebral hydatid cysts: technique and pitfalls of surgical management. *Neurosurg Focus*. 2008;24(6):E15. PubMed PMID: 18518745.

565: Niazi T, Quinoñes-Hinojosa A, Schmidt MH. Management of brain abscesses associated with halo fixation. *Neurosurg Focus*. 2008;24(6):E14. Review. PubMed PMID: 18518744.

566: Kocherry XG, Hegde T, Sastry KV, Mohanty A. Efficacy of stereotactic aspiration in deep-seated and eloquent-region intracranial pyogenic abscesses. *Neurosurg Focus*. 2008;24(6):E13. PubMed PMID: 18518743.

567: Dashti SR, Baharvahdat H, Sauvageau E, Chang SW, Stiefel MF, Park MS, Spetzler RF, Bambakidis NC. Brain abscess formation at the site of intracerebral hemorrhage secondary to central nervous system vasculitis. *Neurosurg Focus*. 2008;24(6):E12. PubMed PMID: 18518742.

568: Noggle JC, Sciubba DM, Nelson C, Garcés-Ambrossi GL, Ahn E, Jallo GI. Supraciliary keyhole craniotomy for brain abscess debridement. *Neurosurg Focus*. 2008;24(6):E11. PubMed PMID: 18518741.

569: Dashti SR, Baharvahdat H, Spetzler RF, Sauvageau E, Chang SW, Stiefel MF, Park MS, Bambakidis NC. Operative intracranial infection following craniotomy. *Neurosurg Focus*. 2008;24(6):E10. PubMed PMID: 18518740.

570: Winn HR. Brain abscess. *Neurosurg Focus*. 2008;24(6):E1. PubMed PMID: 18518739.

571: Romanelli P, Muacevic A, Striano S. Radiosurgery for hypothalamic hamartomas. *Neurosurg Focus*. 2008;24(5):E9. Review. PubMed PMID: 18447748.

572: Ghostine S, Ghostine MS, Johnson WD. Radiation therapy in the treatment of pituitary tumors. *Neurosurg Focus*. 2008;24(5):E8. Review. PubMed PMID: 18447747.

573: Umansky F, Shoshan Y, Rosenthal G, Fraifeld S, Spektor S. Radiation-induced meningioma.

Neurosurg Focus. 2008;24(5):E7. Review. PubMed PMID: 18447746.

574: Mathiesen T. Radiation-induced meningiomas: the paradox of radiation treatment. Neurosurg Focus. 2008;24(5):E6; discussion E6. PubMed PMID: 18447745.

575: Gopalan R, Dassoulas K, Rainey J, Sherman JH, Sheehan JP. Evaluation of the role of Gamma Knife surgery in the treatment of craniopharyngiomas. Neurosurg Focus. 2008;24(5):E5. Review. PubMed PMID: 18447744.

576: Lee M, Kalani MY, Cheshier S, Gibbs IC, Adler JR, Chang SD. Radiation therapy and CyberKnife radiosurgery in the management of craniopharyngiomas. Neurosurg Focus. 2008;24(5):E4. Review. PubMed PMID: 18447743.

577: Pearson BE, Markert JM, Fisher WS, Guthrie BL, Fiveash JB, Palmer CA, Riley K. Hitting a moving target: evolution of a treatment paradigm for atypical meningiomas amid changing diagnostic criteria. Neurosurg Focus. 2008;24(5):E3. PubMed PMID: 18447742.

578: Johnson WD, Loredó LN, Slater JD. Surgery and radiotherapy: complementary tools in the management of benign intracranial tumors. Neurosurg Focus. 2008;24(5):E2. Review. PubMed PMID: 18447741.

579: Kondziolka D, Flickinger JC, Lunsford LD. The principles of skull base radiosurgery. Neurosurg Focus. 2008;24(5):E11. Review. PubMed PMID: 18447740.

580: Heros RC. Effect of modern radiation techniques on the surgery of nonmalignant intracranial tumors. Neurosurg Focus. 2008;24(5):E10. PubMed PMID: 18447739.

581: Johnson WD. Radiation therapy: current and evolving strategies for nonmalignant intracranial tumors. Neurosurg Focus. 2008;24(5):E1. PubMed PMID: 18447738.

582: Clelland CD, Barker RA, Watts C. Cell therapy in Huntington disease. Neurosurg Focus. 2008;24(3-4):E9. Review. PubMed PMID: 18341412.

583: Mukhida K, Baghbaderani BA, Hong M, Lewington M, Phillips T, McLeod M, Sen A, Behie LA, Mendez I. Survival, differentiation, and migration of bioreactor-expanded human neural precursor cells in a model of Parkinson disease in rats. Neurosurg Focus. 2008;24(3-4):E8. PubMed PMID: 18341411.

584: Lozano AM. Cell-based therapy for Parkinson disease. Neurosurg Focus. 2008;24(3-4):E7; discussion E7. PubMed PMID: 18341410.

585: Astradsson A, Cooper O, Vinuela A, Isacson O. Recent advances in cell-based therapy for Parkinson disease. Neurosurg Focus. 2008;24(3-4):E6. Review. PubMed PMID: 18341409.

586: Syed YA, Baer AS, Lubec G, Hoeger H, Widhalm G, Kotter MR. Inhibition of oligodendrocyte precursor cell differentiation by myelin-associated proteins. Neurosurg Focus. 2008;24(3-4):E5. PubMed PMID: 18341408.

587: Das S, Bonaguidi M, Muro K, Kessler JA. Generation of embryonic stem cells: limitations of and alternatives to inner cell mass harvest. Neurosurg Focus. 2008;24(3-4):E4. Review. PubMed PMID: 18341407.

588: Guillaume DJ, Zhang SC. Human embryonic stem cells: a potential source of transplantable

neural progenitor cells. *Neurosurg Focus*. 2008;24(3-4):E3. Review. PubMed PMID: 18341406; PubMed Central PMCID: PMC2698133.

589: Bleau AM, Howard BM, Taylor LA, Gursel D, Greenfield JP, Lim Tung HY, Holland EC, Boockvar JA. New strategy for the analysis of phenotypic marker antigens in brain tumor-derived neurospheres in mice and humans. *Neurosurg Focus*. 2008;24(3-4):E28. PubMed PMID: 18341405.

590: Jandial R, U H, Levy ML, Snyder EY. Brain tumor stem cells and the tumor microenvironment. *Neurosurg Focus*. 2008;24(3-4):E27. Review. PubMed PMID: 18341404.

591: Sanai N, Berger MS. Biology of brain tumor stem cells. *Neurosurg Focus*. 2008;24(3-4):E26; discussion E26. PubMed PMID: 18341403.

592: Xie Z, Chin LS. Molecular and cell biology of brain tumor stem cells: lessons from neural progenitor/stem cells. *Neurosurg Focus*. 2008;24(3-4):E25. Review. PubMed PMID: 18341402.

593: Scott CT. Stem cells: new frontiers of ethics, law, and policy. *Neurosurg Focus*. 2008;24(3-4):E24. Review. PubMed PMID: 18341401.

594: Selden NR, Guillaume DJ, Steiner RD, Huhn SL. Cellular therapy for childhood neurodegenerative disease. Part II: clinical trial design and implementation. *Neurosurg Focus*. 2008;24(3-4):E23. Review. PubMed PMID: 18341400.

595: Guillaume DJ, Huhn SL, Selden NR, Steiner RD. Cellular therapy for childhood neurodegenerative disease. Part I: rationale and preclinical studies. *Neurosurg Focus*. 2008;24(3-4):E22. Review. PubMed PMID: 18341399.

596: Jandial R, Aryan HE, Park J, Taylor WT, Snyder EY. Stem cell-mediated regeneration of the intervertebral disc: cellular and molecular challenge. *Neurosurg Focus*. 2008;24(3-4):E21. Review. PubMed PMID: 18341398.

597: Bambakidis NC, Butler J, Horn EM, Wang X, Preul MC, Theodore N, Spetzler RF, Sonntag VK. Stem cell biology and its therapeutic applications in the setting of spinal cord injury. *Neurosurg Focus*. 2008;24(3-4):E20. Review. PubMed PMID: 18341397.

598: Selden NR. Stem cells and central nervous system therapeutics. *Neurosurg Focus*. 2008;24(3-4):E2. PubMed PMID: 18341396.

599: Eftekharpour E, Karimi-Abdolrezaee S, Fehlings MG. Current status of experimental cell replacement approaches to spinal cord injury. *Neurosurg Focus*. 2008;24(3-4):E19. Review. PubMed PMID: 18341395.

600: Harting MT, Baumgartner JE, Worth LL, Ewing-Cobbs L, Gee AP, Day MC, Cox CS Jr. Cell therapies for traumatic brain injury. *Neurosurg Focus*. 2008;24(3-4):E18. Review. PubMed PMID: 18341394.

601: Richardson RM, Barbaro NM, Alvarez-Buylla A, Baraban SC. Developing cell transplantation for temporal lobe epilepsy. *Neurosurg Focus*. 2008;24(3-4):E17. Review. PubMed PMID: 18341393.

602: Andres RH, Guzman R, Ducray AD, Mordasini P, Gera A, Barth A, Widmer HR, Steinberg GK. Cell replacement therapy for intracerebral hemorrhage. *Neurosurg Focus*. 2008;24(3-4):E16. Review. PubMed PMID: 18341392.

603: Guzman R, Choi R, Gera A, De Los Angeles A, Andres RH, Steinberg GK. Intravascular cell

replacement therapy for stroke. Neurosurg Focus. 2008;24(3-4):E15. Review. PubMed PMID: 18341391.

604: Kalluri HS, Dempsey RJ. Growth factors, stem cells, and stroke. Neurosurg Focus. 2008;24(3-4):E14. Review. PubMed PMID: 18341390.

605: Kondziolka D, Wechsler L. Stroke repair with cell transplantation: neuronal cells, neuroprogenitor cells, and stem cells. Neurosurg Focus. 2008;24(3-4):E13. Review. PubMed PMID: 18341389.

606: Enns GM, Huhn SL. Central nervous system therapy for lysosomal storage disorders. Neurosurg Focus. 2008;24(3-4):E12. Review. PubMed PMID: 18341388.

607: Yu D, Silva GA. Stem cell sources and therapeutic approaches for central nervous system and neural retinal disorders. Neurosurg Focus. 2008;24(3-4):E11. Review. PubMed PMID: 18341387; PubMed Central PMCID: PMC2647750.

608: Riley J, Sweeney W, Boulis N. Shifting the balance: cell-based therapeutics as modifiers of the amyotrophic lateral sclerosis-specific neuronal microenvironment. Neurosurg Focus. 2008;24(3-4):E10. Review. PubMed PMID: 18341386.

609: Jane JA, Weiss MH. Announcement of new features for Neurosurgical Focus. Neurosurg Focus. 2008;24(3-4):E1. PubMed PMID: 18341385.

610: Ashley WW, Amin-Hanjani S, Alaraj A, Shin JH, Charbel FT. Flow-assisted surgical cerebral revascularization. Neurosurg Focus. 2008;24(2):E20. Review. PubMed PMID: 18336091.

611: Hoh DJ, Khoeir P, Wang MY. Management of cervical deformity in ankylosing spondylitis. Neurosurg Focus. 2008;24(1):E9. Review. PubMed PMID: 18290747.

612: Sansur CA, Fu KM, Oskouian RJ Jr, Jagannathan J, Kuntz C 4th, Shaffrey CI. Surgical management of global sagittal deformity in ankylosing spondylitis. Neurosurg Focus. 2008;24(1):E8. Review. PubMed PMID: 18290746.

613: Pigge RR, Scheerder FJ, Smit TH, Mullender MG, van Royen BJ. Effectiveness of preoperative planning in the restoration of balance and view in ankylosing spondylitis. Neurosurg Focus. 2008;24(1):E7. PubMed PMID: 18290745.

614: Mundwiler ML, Siddique K, Dym JM, Perri B, Johnson JP, Weisman MH. Complications of the spine in ankylosing spondylitis with a focus on deformity correction. Neurosurg Focus. 2008;24(1):E6. Review. PubMed PMID: 18290744.

615: Sangala JR, Dakwar E, Uribe J, Vale F. Nonsurgical management of ankylosing spondylitis. Neurosurg Focus. 2008;24(1):E5. Review. PubMed PMID: 18290743.

616: Khalessi AA, Oh BC, Wang MY. Medical management of ankylosing spondylitis. Neurosurg Focus. 2008;24(1):E4. Review. PubMed PMID: 18290742.

617: Shamji MF, Bafaquh M, Tsai E. The pathogenesis of ankylosing spondylitis. Neurosurg Focus. 2008;24(1):E3. Review. PubMed PMID: 18290741.

618: Dakwar E, Reddy J, Vale FL, Uribe JS. A review of the pathogenesis of ankylosing spondylitis. Neurosurg Focus. 2008;24(1):E2. Review. PubMed PMID: 18290740.

- 619: Jacobs WB, Fehlings MG. Ankylosing spondylitis and spinal cord injury: origin, incidence, management, and avoidance. *Neurosurg Focus*. 2008;24(1):E12. Review. PubMed PMID: 18290738.
- 620: Kanter AS, Wang MY, Mummaneni PV. A treatment algorithm for the management of cervical spine fractures and deformity in patients with ankylosing spondylitis. *Neurosurg Focus*. 2008;24(1):E11. PubMed PMID: 18290737.
- 621: Sciubba DM, Nelson C, Hsieh P, Gokaslan ZL, Ondra S, Bydon A. Perioperative challenges in the surgical management of ankylosing spondylitis. *Neurosurg Focus*. 2008;24(1):E10. Review. PubMed PMID: 18290736.
- 622: Ateş O, Ahmed AS, Niemann D, Başkaya MK. The occipital artery for posterior circulation bypass: microsurgical anatomy. *Neurosurg Focus*. 2008;24(2):E9. PubMed PMID: 18275305.
- 623: Başkaya MK, Kiehn MW, Ahmed AS, Ateş O, Niemann DB. Alternative vascular graft for extracranial-intracranial bypass surgery: descending branch of the lateral circumflex femoral artery. *Neurosurg Focus*. 2008;24(2):E8. PubMed PMID: 18275304.
- 624: Alaraj A, Ashley WW Jr, Charbel FT, Amin-Hanjani S. The superficial temporal artery trunk as a donor vessel in cerebral revascularization: benefits and pitfalls. *Neurosurg Focus*. 2008;24(2):E7. PubMed PMID: 18275303.
- 625: Heros RC. Excimer laser-assisted nonocclusive anastomosis. *Neurosurg Focus*. 2008;24(2):E6a; discussion E6a. PubMed PMID: 18275302.
- 626: Langer DJ, Van Der Zwan A, Vajkoczy P, Kivipelto L, Van Doormaal TP, Tulleken CA. Excimer laser-assisted nonocclusive anastomosis. An emerging technology for use in the creation of intracranial-intracranial and extracranial-intracranial cerebral bypass. *Neurosurg Focus*. 2008;24(2):E6. Review. PubMed PMID: 18275301.
- 627: Kocaeli H, Andaluz N, Choutka O, Zuccarello M. Use of radial artery grafts in extracranial-intracranial revascularization procedures. *Neurosurg Focus*. 2008;24(2):E5. PubMed PMID: 18275300.
- 628: Garrett MC, Komotar RJ, Merkow MB, Starke RM, Otten ML, Connolly ES. The extracranial-intracranial bypass trial: implications for future investigations. *Neurosurg Focus*. 2008;24(2):E4. Review. PubMed PMID: 18275299.
- 629: Crowley RW, Medel R, Dumont AS. Evolution of cerebral revascularization techniques. *Neurosurg Focus*. 2008;24(2):E3. PubMed PMID: 18275298.
- 630: Vilela MD, Newell DW. Superficial temporal artery to middle cerebral artery bypass: past, present, and future. *Neurosurg Focus*. 2008;24(2):E2. PubMed PMID: 18275297.
- 631: Reichman OH, Duckworth EA, Anderson DE, Origitano TC. Thirty-year follow-up after extracranial-intracranial bypass surgery. *Neurosurg Focus*. 2008;24(2):E19. PubMed PMID: 18275296.
- 632: Curtis JA, Johansen K. Techniques in carotid artery surgery. *Neurosurg Focus*. 2008;24(2):E18. Review. PubMed PMID: 18275295.
- 633: Smith ER, Scott RM. Progression of disease in unilateral moyamoya syndrome. *Neurosurg Focus*. 2008;24(2):E17. PubMed PMID: 18275294.
- 634: Park TS. Moyamoya disease in children. *Neurosurg Focus*. 2008;24(2):E16a; discussion E16a.

PubMed PMID: 18275293.

635: Veeravagu A, Guzman R, Patil CG, Hou LC, Lee M, Steinberg GK. Moyamoya disease in pediatric patients: outcomes of neurosurgical interventions. *Neurosurg Focus*. 2008;24(2):E16. Review. PubMed PMID: 18275292.

636: Mesiwala AH, Sviri G, Fatemi N, Britz GW, Newell DW. Long-term outcome of superficial temporal artery-middle cerebral artery bypass for patients with moyamoya disease in the US. *Neurosurg Focus*. 2008;24(2):E15. PubMed PMID: 18275291.

637: Brisman JL. Wingspan stenting of symptomatic extracranial vertebral artery stenosis and perioperative evaluation using quantitative magnetic resonance angiography: report of two cases. *Neurosurg Focus*. 2008;24(2):E14. PubMed PMID: 18275290.

638: Başkaya MK, Ahmed AS, Ateş O, Niemann D. Surgical treatment of blood blister-like aneurysms of the supraclinoid internal carotid artery with extracranial-intracranial bypass and trapping. *Neurosurg Focus*. 2008;24(2):E13. PubMed PMID: 18275289.

639: Schirmer CM, Hoit DA, Malek AM. Iatrogenic vasospasm in carotid artery stent angioplasty with distal protection devices. *Neurosurg Focus*. 2008;24(2):E12. PubMed PMID: 18275288.

640: Bulsara KR, Patel T, Fukushima T. Cerebral bypass surgery for skull base lesions: technical notes incorporating lessons learned over two decades. *Neurosurg Focus*. 2008;24(2):E11. PubMed PMID: 18275287.

641: Gonzalez LF, Patterson DL, Lekovic GP, Nakaji P, Spetzler RF. Endoscopic harvesting of the radial artery for neurovascular bypass. *Neurosurg Focus*. 2008;24(2):E10. PubMed PMID: 18275286.

642: Newell DW, Britz GW, Brisman J. Cerebral vascularization. *Neurosurg Focus*. 2008;24(2):E1. PubMed PMID: 18275285.

643: Chen TC, Chamberlain MC. Adjuvant therapy for unresectable meningiomas: benign and malignant. *Neurosurg Focus*. 2007;23(4):1. PubMed PMID: 18081514.

644: Franzin A, Vimercati A, Medone M, Serra C, Marzoli SB, Forti M, Gioia L, Valle M, Picozzi P. Neuroophthalmological evaluation after Gamma Knife surgery for cavernous sinus meningiomas. *Neurosurg Focus*. 2007;23(6):E10. PubMed PMID: 18081487.

645: Patil CG, Veeravagu A, Bower RS, Li G, Chang SD, Lim M, Adler JR Jr. CyberKnife radiosurgical rhizotomy for the treatment of atypical trigeminal nerve pain. *Neurosurg Focus*. 2007;23(6):E9. PubMed PMID: 18081486.

646: Fountas KN, Smith JR, Lee GP, Jenkins PD, Cantrell RR, Sheils WC. Gamma Knife stereotactic radiosurgical treatment of idiopathic trigeminal neuralgia: long-term outcome and complications. *Neurosurg Focus*. 2007;23(6):E8. PubMed PMID: 18081485.

647: Jones J, Jang S, Getch CC, Kepka AG, Marymont MH. Advances in the radiosurgical treatment of large inoperable arteriovenous malformations. *Neurosurg Focus*. 2007;23(6):E7. Review. PubMed PMID: 18081484.

648: Jayarao M, Chin LS. Robotics and its applications in stereotactic radiosurgery. *Neurosurg Focus*. 2007;23(6):E6. PubMed PMID: 18081483.

- 649: Chen CC, Chapman P, Petit J, Loeffler J. Proton radiosurgery in neurosurgery. *Neurosurg Focus*. 2007;23(6):E5. Review. PubMed PMID: 18081482.
- 650: Chen JC, Rahimian J, Girvigian MR, Miller MJ. Contemporary methods of radiosurgery treatment with the Novalis linear accelerator system. *Neurosurg Focus*. 2007;23(6):E4. Review. PubMed PMID: 18081481.
- 651: Friehs GM, Park MC, Goldman MA, Zerris VA, Norén G, Sampath P. Stereotactic radiosurgery for functional disorders. *Neurosurg Focus*. 2007;23(6):E3. Review. PubMed PMID: 18081480.
- 652: Oyesiku NM. Stereotactic radiosurgery for Cushing disease: a review. *Neurosurg Focus*. 2007;23(6):E14. Review. PubMed PMID: 18081479.
- 653: Li G, Chang S, Adler JR Jr, Lim M. Irradiation of glomus jugulare tumors: a historical perspective. *Neurosurg Focus*. 2007;23(6):E13. Review. PubMed PMID: 18081478.
- 654: Lekovic GP, Gonzalez LF, Shetter AG, Porter RW, Smith KA, Brachman D, Spetzler RF. Role of Gamma Knife surgery in the management of pineal region tumors. *Neurosurg Focus*. 2007;23(6):E12. PubMed PMID: 18081477.
- 655: Romanelli P, Wowra B, Muacevic A. Multisession CyberKnife radiosurgery for optic nerve sheath meningiomas. *Neurosurg Focus*. 2007;23(6):E11. PubMed PMID: 18081476.
- 656: Li G, Patil C, Adler JR, Lad SP, Soltys SG, Gibbs IC, Tupper L, Boakye M. CyberKnife rhizotomy for facetogenic back pain: a pilot study. *Neurosurg Focus*. 2007;23(6):E2. PubMed PMID: 18081475.
- 657: Bose S. Neuroimaging in neuroophthalmology. *Neurosurg Focus*. 2007;23(5):E9. Review. PubMed PMID: 18004971.
- 658: Zada G, Solomon TC, Giannotta SL. A review of ocular manifestations in intracranial hypotension. *Neurosurg Focus*. 2007;23(5):E8. Review. PubMed PMID: 18004970.
- 659: Agarwal MR, Yoo JH. Optic nerve sheath fenestration for vision preservation in idiopathic intracranial hypertension. *Neurosurg Focus*. 2007;23(5):E7. PubMed PMID: 18004969.
- 660: Feldon SE. Visual outcomes comparing surgical techniques for management of severe idiopathic intracranial hypertension. *Neurosurg Focus*. 2007;23(5):E6. Review. PubMed PMID: 18004968.
- 661: Schirmer CM, Hedges TR 3rd. Mechanisms of visual loss in papilledema. *Neurosurg Focus*. 2007;23(5):E5. Review. PubMed PMID: 18004967.
- 662: Eddleman CS, Liu JK. Optic nerve sheath meningioma: current diagnosis and treatment. *Neurosurg Focus*. 2007;23(5):E4. Review. PubMed PMID: 18004966.
- 663: Shamji MF, Benoit BG. Syndromic and sporadic pediatric optic pathway gliomas: review of clinical and histopathological differences and treatment implications. *Neurosurg Focus*. 2007;23(5):E3. Review. PubMed PMID: 18004965.
- 664: Binning MJ, Liu JK, Kestle JR, Brockmeyer DL, Walker ML. Optic pathway gliomas: a review. *Neurosurg Focus*. 2007;23(5):E2. Review. PubMed PMID: 18004964.
- 665: Baig MN, Lubow M, Immesoete P, Bergese SD, Hamdy EA, Mendel E. Vision loss after spine surgery: review of the literature and recommendations. *Neurosurg Focus*. 2007;23(5):E15. Review.

PubMed PMID: 18004963.

666: Weber ED, Newman SA. Aberrant regeneration of the oculomotor nerve: implications for neurosurgeons. *Neurosurg Focus*. 2007;23(5):E14. PubMed PMID: 18004962.

667: Miller NR. Diagnosis and management of dural carotid-cavernous sinus fistulas. *Neurosurg Focus*. 2007;23(5):E13. Review. PubMed PMID: 18004961.

668: Jones J, Ruge J. Intraoperative magnetic resonance imaging in pituitary macroadenoma surgery: an assessment of visual outcome. *Neurosurg Focus*. 2007;23(5):E12. Review. PubMed PMID: 18004960.

669: Margalit N, Ezer H, Fliss DM, Naftaliev E, Nossek E, Kesler A. Orbital tumors treated using transcranial approaches: surgical technique and neuroophthalmological results in 41 patients. *Neurosurg Focus*. 2007;23(5):E11. Erratum in: *Neurosurg Focus*. 2010 Aug;29(2). doi 10.3171/2010.6.FOCUS101254a.. Nosek, Erez [corrected to Nossek, Erez]. PubMed PMID: 18004959.

670: Koerbel A, Ferreira VR, Kiss A. Combined transconjunctival-eyebrow approach providing minimally invasive access to all orbital quadrants. Technical note. *Neurosurg Focus*. 2007;23(5):E10. PubMed PMID: 18004958.

671: Lee AG. Neuroophthalmological management of optic pathway gliomas. *Neurosurg Focus*. 2007;23(5):E1. Review. PubMed PMID: 18004957.

672: Sanchez GM, BurrIDGE AL. Decision making in head injury management in the Edwin Smith Papyrus. *Neurosurg Focus*. 2007;23(1):E5. Review. PubMed PMID: 17961064.

673: Goodrich JT. Cervical spine surgery in the ancient and medieval worlds. *Neurosurg Focus*. 2007;23(1):E7. Review. PubMed PMID: 17961063.

674: Tomey MI, Komotar RJ, Mocco J. Herophilus, Erasistratus, Aretaeus, and Galen: ancient roots of the Bell-Magendie Law. *Neurosurg Focus*. 2007;23(1):E12. Review. PubMed PMID: 17961062.

675: Pak S, Jallo GI, Biser A, Ziessman HA. Indium-111 diethylene-triamine-pentaacetic acid scintigraphy in the evaluation of function and patency of baclofen intrathecal infusion systems. *Neurosurg Focus*. 2007;23(1):E17. PubMed PMID: 17961061.

676: Kshettry VR, Mindea SA, Batjer HH. The management of cranial injuries in antiquity and beyond. *Neurosurg Focus*. 2007;23(1):E8. Review. PubMed PMID: 17961060.

677: Filler AG. Emergence and optimization of upright posture among hominiform hominoids and the evolutionary pathophysiology of back pain. *Neurosurg Focus*. 2007;23(1):E4. Review. PubMed PMID: 17961059.

678: Safavi-Abbasi S, Brasiliense LB, Workman RK, Talley MC, Feiz-Erfan I, Theodore N, Spetzler RF, Preul MC. The fate of medical knowledge and the neurosciences during the time of Genghis Khan and the Mongolian Empire. *Neurosurg Focus*. 2007;23(1):E13. Review. PubMed PMID: 17961058.

679: Gupta G, Prestigiacomo CJ. From sealing wax to bone wax: predecessors to Horsley's development. *Neurosurg Focus*. 2007;23(1):E16. Review. PubMed PMID: 17961057.

680: Chang A, Lad EM, Lad SP. Hippocrates' influence on the origins of neurosurgery. *Neurosurg Focus*. 2007;23(1):E9. Review. PubMed PMID: 17961056.

- 681: Baig MN, Chishty F, Immesoete P, Karas CS. The Eastern heart and Galen's ventricle: a historical review of the purpose of the brain. *Neurosurg Focus*. 2007;23(1):E3. Review. PubMed PMID: 17961055.
- 682: Rahimi SY, McDonnell DE, Ahmadian A, Vender JR. Medieval neurosurgery: contributions from the Middle East, Spain, and Persia. *Neurosurg Focus*. 2007;23(1):E14. Review. PubMed PMID: 17961054.
- 683: Dimopoulos VG, Kapsalakis IZ, Fountas KN. Skull morphology and its neurosurgical implications in the Hippocratic era. *Neurosurg Focus*. 2007;23(1):E10. Review. PubMed PMID: 17961053.
- 684: Dolan B. Soul searching: a brief history of the mind/body debate in the neurosciences. *Neurosurg Focus*. 2007;23(1):E2. Review. PubMed PMID: 17961052.
- 685: Filler AG. A historical hypothesis of the first recorded neurosurgical operation: Isis, Osiris, Thoth, and the origin of the djed cross. *Neurosurg Focus*. 2007;23(1):E6. Review. PubMed PMID: 17961051.
- 686: Missios S. Hippocrates, Galen, and the uses of trepanation in the ancient classical world. *Neurosurg Focus*. 2007;23(1):E11. Review. PubMed PMID: 17961050.
- 687: Di Ieva A, Tschabitscher M, Prada F, Gaetani P, Aimar E, Pisano P, Levi D, Nicassio N, Serra S, Tancioni F, Arosio M, Rodriguez y Baena R. The neuroanatomical plates of Guido da Vigevano. *Neurosurg Focus*. 2007;23(1):E15. Review. PubMed PMID: 17961048.
- 688: Gupta V, Samuleson CG, Su S, Chen TC. Nelfinavir potentiation of imatinib cytotoxicity in meningioma cells via survivin inhibition. *Neurosurg Focus*. 2007;23(4):E9. PubMed PMID: 17961046.
- 689: Pfister C, Ritz R, Pfrommer H, Bornemann A, Tatagiba MS, Roser F. Are there attacking points in the eicosanoid cascade for chemotherapeutic options in benign meningiomas? *Neurosurg Focus*. 2007;23(4):E8. PubMed PMID: 17961045.
- 690: Ragel BT, Jensen RL, Couldwell WT. Inflammatory response and meningioma tumorigenesis and the effect of cyclooxygenase-2 inhibitors. *Neurosurg Focus*. 2007;23(4):E7. Review. PubMed PMID: 17961044.
- 691: Davidson L, Fishback D, Russin JJ, Weiss MH, Yu C, Pagnini PG, Zelman V, Apuzzo ML, Giannotta SL. Postoperative Gamma Knife surgery for benign meningiomas of the cranial base. *Neurosurg Focus*. 2007;23(4):E6. PubMed PMID: 17961043.
- 692: Elia AE, Shih HA, Loeffler JS. Stereotactic radiation treatment for benign meningiomas. *Neurosurg Focus*. 2007;23(4):E5. Review. PubMed PMID: 17961042.
- 693: Rogers L, Mehta M. Role of radiation therapy in treating intracranial meningiomas. *Neurosurg Focus*. 2007;23(4):E4. Review. PubMed PMID: 17961041.
- 694: Commins DL, Atkinson RD, Burnett ME. Review of meningioma histopathology. *Neurosurg Focus*. 2007;23(4):E3. Review. PubMed PMID: 17961040.
- 695: Barnholtz-Sloan JS, Kruchko C. Meningiomas: causes and risk factors. *Neurosurg Focus*. 2007;23(4):E2. Review. PubMed PMID: 17961039.
- 696: Setzer M, Vatter H, Marquardt G, Seifert V, Vrionis FD. Management of spinal meningiomas: surgical results and a review of the literature. *Neurosurg Focus*. 2007;23(4):E14. Review. PubMed PMID: 17961038.

- 697: Elder JB, Atkinson R, Zee CS, Chen TC. Primary intraosseous meningioma. *Neurosurg Focus*. 2007;23(4):E13. Review. PubMed PMID: 17961037.
- 698: Norden AD, Drappatz J, Wen PY. Targeted drug therapy for meningiomas. *Neurosurg Focus*. 2007;23(4):E12. Review. PubMed PMID: 17961036.
- 699: Newton HB. Hydroxyurea chemotherapy in the treatment of meningiomas. *Neurosurg Focus*. 2007;23(4):E11. Review. PubMed PMID: 17961035.
- 700: Ragel BT, Couldwell WT, Wurster RD, Jensen RL. Chronic suppressive therapy with calcium channel antagonists for refractory meningiomas. *Neurosurg Focus*. 2007;23(4):E10. Review. PubMed PMID: 17961034.
- 701: Rockhill J, Mrugala M, Chamberlain MC. Intracranial meningiomas: an overview of diagnosis and treatment. *Neurosurg Focus*. 2007;23(4):E1. Review. PubMed PMID: 17961033.
- 702: Liu JK, Fleseriu M, Delashaw JB Jr, Ciric IS, Couldwell WT. Treatment options for Cushing disease after unsuccessful transsphenoidal surgery. *Neurosurg Focus*. 2007;23(3):E8. Review. PubMed PMID: 17961031.
- 703: Gross BA, Mindea SA, Pick AJ, Chandler JP, Batjer HH. Diagnostic approach to Cushing disease. *Neurosurg Focus*. 2007;23(3):E1. Review. PubMed PMID: 17961030.
- 704: Velez DA, Mayberg MR, Ludlam WH. Cyclic Cushing syndrome: definitions and treatment implications. *Neurosurg Focus*. 2007;23(3):E4; discussion E4a. Review. PubMed PMID: 17961029.
- 705: Banasiak MJ, Malek AR. Nelson syndrome: comprehensive review of pathophysiology, diagnosis, and management. *Neurosurg Focus*. 2007;23(3):E13. Review. PubMed PMID: 17961028.
- 706: Dehdashti AR, Gentili F. Current state of the art in the diagnosis and surgical treatment of Cushing disease: early experience with a purely endoscopic endonasal technique. *Neurosurg Focus*. 2007;23(3):E9. PubMed PMID: 17961027.
- 707: Kelly DF. Transsphenoidal surgery for Cushing's disease: a review of success rates, remission predictors, management of failed surgery, and Nelson's Syndrome. *Neurosurg Focus*. 2007;23(3):E5. Review. PubMed PMID: 17961026.
- 708: Patil CG, Lad SP, Katznelson L, Laws ER Jr. Brain atrophy and cognitive deficits in Cushing's disease. *Neurosurg Focus*. 2007;23(3):E11. Review. PubMed PMID: 17961025.
- 709: Hornyak M, Weiss MH, Nelson DH, Couldwell WT. Nelson syndrome: historical perspectives and current concepts. *Neurosurg Focus*. 2007;23(3):E12. PubMed PMID: 17961024.
- 710: Gross BA, Mindea SA, Pick AJ, Chandler JP, Batjer HH. Medical management of Cushing disease. *Neurosurg Focus*. 2007;23(3):E10. Review. PubMed PMID: 17961023.
- 711: Krikorian A, Abdelmannan D, Selman WR, Arafah BM. Cushing disease: use of perioperative serum cortisol measurements in early determination of success following pituitary surgery. *Neurosurg Focus*. 2007;23(3):E6. Review. PubMed PMID: 17961022.
- 712: Lad SP, Patil CG, Laws ER Jr, Katznelson L. The role of inferior petrosal sinus sampling in the diagnostic localization of Cushing's disease. *Neurosurg Focus*. 2007;23(3):E2. Review. PubMed PMID: 17961020.

- 713: Patil CG, Lad SP, Harsh GR, Laws ER Jr, Boakye M. National trends, complications, and outcomes following transsphenoidal surgery for Cushing's disease from 1993 to 2002. *Neurosurg Focus*. 2007;23(3):E7. PubMed PMID: 17961019.
- 714: Jagannathan J, Sheehan JP, Jane JA Jr. Evaluation and management of Cushing syndrome in cases of negative sellar magnetic resonance imaging. *Neurosurg Focus*. 2007;23(3):E3. Review. PubMed PMID: 17961018.
- 715: Bui CJ, Tubbs RS, Oakes WJ. Tethered cord syndrome in children: a review. *Neurosurg Focus*. 2007;23(2):E2. Review. PubMed PMID: 17961017.
- 716: Finn MA, Walker ML. Spinal lipomas: clinical spectrum, embryology, and treatment. *Neurosurg Focus*. 2007;23(2):E10. Review. PubMed PMID: 17961016.
- 717: Steinbok P, MacNeily AE. Section of the terminal filum for occult tethered cord syndrome: toward a scientific answer. *Neurosurg Focus*. 2007;23(2):E5. Review. PubMed PMID: 17961015.
- 718: Tubbs RS, Bui CJ, Loukas M, Shoja MM, Oakes WJ. The horizontal sacrum as an indicator of the tethered spinal cord in spina bifida aperta and occulta. *Neurosurg Focus*. 2007;23(2):E11. Review. PubMed PMID: 17961014.
- 719: Cochrane DD. Cord untethering for lipomyelomeningocele: expectation after surgery. *Neurosurg Focus*. 2007;23(2):E9. Review. PubMed PMID: 17961013.
- 720: Kitchens DM, Herndon CD, Joseph DB. Pediatric urodynamics: basic concepts for the neurosurgeon. *Neurosurg Focus*. 2007;23(2):E8. Review. PubMed PMID: 17961012.
- 721: Yamada S, Won DJ, Pezeshkpour G, Yamada BS, Yamada SM, Siddiqi J, Zouros A, Colohan AR. Pathophysiology of tethered cord syndrome and similar complex disorders. *Neurosurg Focus*. 2007;23(2):E6. Review. PubMed PMID: 17961011.
- 722: Selden NR. Minimal tethered cord syndrome: what's necessary to justify a new surgical indication? *Neurosurg Focus*. 2007;23(2):E1. Review. PubMed PMID: 17961010.
- 723: Lad SP, Patil CG, Ho C, Edwards MS, Boakye M. Tethered cord syndrome: nationwide inpatient complications and outcomes. *Neurosurg Focus*. 2007;23(2):E3. PubMed PMID: 17961009.
- 724: Drake JM. Surgical management of the tethered spinal cord-walking the fine line. *Neurosurg Focus*. 2007;23(2):E4. Review. PubMed PMID: 17961008.
- 725: Blount JP, Tubbs RS, Wellons JC 3rd, Acakpo-Satchivi L, Bauer D, Oakes WJ. Spinal cord transection for definitive untethering of repetitive tethered cord. *Neurosurg Focus*. 2007;23(2):E12. Review. PubMed PMID: 17961007.
- 726: Kesler H, Dias MS, Kalapos P. Termination of the normal conus medullaris in children: a whole-spine magnetic resonance imaging study. *Neurosurg Focus*. 2007;23(2):E7. PubMed PMID: 17961006.
- 727: Chhabra VS, Zhang J, Olson JJ. Association between an arachnoid cyst and intracranial aneurysms misdiagnosed as a cystic tumor with a mural nodule. Case report and review of the literature. *Neurosurg Focus*. 2007;22(2):E3. PubMed PMID: 17628897.
- 728: Zada G, Krieger MD, McNatt SA, Bowen I, McComb JG. Pathogenesis and treatment of intracranial arachnoid cysts in pediatric patients younger than 2 years of age. *Neurosurg Focus*. 2007;22(2):E1.

PubMed PMID: 17628896.

729: Baggenstos MA, Butman JA, Oldfield EH, Lonser RR. Role of edema in peritumoral cyst formation. *Neurosurg Focus*. 2007 May 15;22(5):E9. Review. PubMed PMID: 17613240.

730: Stummer W. Mechanisms of tumor-related brain edema. *Neurosurg Focus*. 2007 May 15;22(5):E8. Review. PubMed PMID: 17613239.

731: Mocco J, Prickett CS, Komotar RJ, Connolly ES, Mayer SA. Potential mechanisms and clinical significance of global cerebral edema following aneurysmal subarachnoid hemorrhage. *Neurosurg Focus*. 2007 May 15;22(5):E7. Review. PubMed PMID: 17613238.

732: Thiex R, Tsirka SE. Brain edema after intracerebral hemorrhage: mechanisms, treatment options, management strategies, and operative indications. *Neurosurg Focus*. 2007 May 15;22(5):E6. Review. PubMed PMID: 17613237.

733: Kawamata T, Mori T, Sato S, Katayama Y. Tissue hyperosmolality and brain edema in cerebral contusion. *Neurosurg Focus*. 2007 May 15;22(5):E5. Review. PubMed PMID: 17613236.

734: Rosenberg GA, Yang Y. Vasogenic edema due to tight junction disruption by matrix metalloproteinases in cerebral ischemia. *Neurosurg Focus*. 2007 May 15;22(5):E4. Review. PubMed PMID: 17613235.

735: Bloch O, Manley GT. The role of aquaporin-4 in cerebral water transport and edema. *Neurosurg Focus*. 2007 May 15;22(5):E3. Review. PubMed PMID: 17613234.

736: Liang D, Bhatta S, Gerzanich V, Simard JM. Cytotoxic edema: mechanisms of pathological cell swelling. *Neurosurg Focus*. 2007 May 15;22(5):E2. Review. PubMed PMID: 17613233; PubMed Central PMCID: PMC2740913.

737: Hutchinson P, Timofeev I, Kirkpatrick P. Surgery for brain edema. *Neurosurg Focus*. 2007 May 15;22(5):E14. Review. PubMed PMID: 17613232.

738: Qin Z, Song S, Xi G, Silbergleit R, Keep RF, Hoff JT, Hua Y. Preconditioning with hyperbaric oxygen attenuates brain edema after experimental intracerebral hemorrhage. *Neurosurg Focus*. 2007 May 15;22(5):E13. PubMed PMID: 17613231.

739: Raslan A, Bhardwaj A. Medical management of cerebral edema. *Neurosurg Focus*. 2007 May 15;22(5):E12. Review. PubMed PMID: 17613230.

740: Kuroiwa T, Miyasaka N, Fengyo Z, Yamada I, Nakane M, Nagaoka T, Tamura A, Ohno K. Experimental ischemic brain edema: morphological and magnetic resonance imaging findings. *Neurosurg Focus*. 2007 May 15;22(5):E11. PubMed PMID: 17613229.

741: Czosnyka M, Smielewski P, Timofeev I, Lavinio A, Guazzo E, Hutchinson P, Pickard JD. Intracranial pressure: more than a number. *Neurosurg Focus*. 2007 May 15;22(5):E10. PubMed PMID: 17613228.

742: Marmarou A. A review of progress in understanding the pathophysiology and treatment of brain edema. *Neurosurg Focus*. 2007 May 15;22(5):E1. Review. PubMed PMID: 17613227.

743: Cherqui A, Kim DH, Kim SH, Park HK, Kline DG. Surgical approaches to paraspinal nerve sheath tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E9. PubMed PMID: 17613226.

744: Harbaugh K, Smith P, Towfighi J. Schwannomatosis in a patient with a pelvic mass: case report. *Neurosurg Focus*. 2007 Jun 15;22(6):E8. PubMed PMID: 17613225.

745: Ball JR, Biggs MT. Operative steps in management of benign nerve sheath tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E7. Review. PubMed PMID: 17613224.

746: Singh T, Kliot M. Imaging of peripheral nerve tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E6. Review. PubMed PMID: 17613223.

747: Lwu S, Midha R. Clinical examination of brachial and pelvic plexus tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E5. Review. PubMed PMID: 17613222.

748: Jeyaretna DS, Rabkin SD, Martuza RL. Oncolytic herpes simplex virus therapy for peripheral nerve tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E4. Review. PubMed PMID: 17613221.

749: Riccardi VM. The genetic predisposition to and histogenesis of neurofibromas and neurofibrosarcoma in neurofibromatosis type 1. *Neurosurg Focus*. 2007 Jun 15;22(6):E3. Review. PubMed PMID: 17613220.

750: Spinner RJ, Desy NM, Rock MG, Amrami KK. Peroneal intraneural ganglia. Part II. Lessons learned and pitfalls to avoid for successful diagnosis and treatment. *Neurosurg Focus*. 2007 Jun 15;22(6):E27. Review. PubMed PMID: 17613219.

751: Das S, Ganju A, Tiel RL, Kline DG. Tumors of the brachial plexus. *Neurosurg Focus*. 2007 Jun 15;22(6):E26. Review. PubMed PMID: 17613218.

752: Davis GA. Granular cell tumor: a rare tumor of the ulnar nerve. Case report. *Neurosurg Focus*. 2007 Jun 15;22(6):E25. PubMed PMID: 17613217.

753: Mindea SA, Kaplan KJ, Howard MA, O'Leary ST. Granular cell tumor involving the axillary nerve: an unusual occurrence. Case report. *Neurosurg Focus*. 2007 Jun 15;22(6):E24. PubMed PMID: 17613216.

754: Gruen P, Kline DG. Hypertrophic mononeuropathy. *Neurosurg Focus*. 2007 Jun 15;22(6):E23. Review. PubMed PMID: 17613215.

755: Seinfeld J, Kleinschmidt-DeMasters BK, Tayal S, Lillehei KO. Desmoid-type fibromatosis involving the brachial plexus. *Neurosurg Focus*. 2007 Jun 15;22(6):E22. PubMed PMID: 17613214.

756: Dafford K, Kim D, Nelson A, Kline D. Extraabdominal desmoid tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E21. PubMed PMID: 17613213.

757: Williams Z, Amrami KK, Spinner RJ. Tumoral calcinosis producing peripheral nerve compression: a report of two cases. *Neurosurg Focus*. 2007 Jun 15;22(6):E20. PubMed PMID: 17613212.

758: Riley J, Spiotta A, Boulis N. Experimental therapeutic approaches to peripheral nerve tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E2. Review. PubMed PMID: 17613211.

759: Kretschmer T, Antoniadis G, Heinen C, Börm W, Scheller C, Richter HP, Koenig RW. Nerve sheath tumor surgery: case-guided discussion of ambiguous findings, appropriateness of removal, repeated surgery, and nerve repairs. *Neurosurg Focus*. 2007 Jun 15;22(6):E19. Review. PubMed PMID: 17613210.

- 760: Châtillon CE, Guiot MC, Jacques L. Lipomatous, vascular, and chondromatous benign tumors of the peripheral nerves: representative cases and review of the literature. *Neurosurg Focus*. 2007 Jun 15;22(6):E18. Review. PubMed PMID: 17613209.
- 761: Spinner RJ, Amrami KK, Angius D, Wang H, Carmichael SW. Peroneal and tibial intraneural ganglia: correlation between intraepineurial compartments observed on magnetic resonance images and the potential importance of these compartments. *Neurosurg Focus*. 2007 Jun 15;22(6):E17. PubMed PMID: 17613208.
- 762: Spinner RJ, Desy NM, Rock MG, Amrami KK. Peroneal intraneural ganglia. Part I. Techniques for successful diagnosis and treatment. *Neurosurg Focus*. 2007 Jun 15;22(6):E16. Review. PubMed PMID: 17613207.
- 763: Davis GA, Knight S. Pancoast tumor resection with preservation of brachial plexus and hand function. *Neurosurg Focus*. 2007 Jun 15;22(6):E15. PubMed PMID: 17613206.
- 764: Gachiani J, Kim DH, Nelson A, Kline D. Management of metastatic tumors invading the peripheral nervous system. *Neurosurg Focus*. 2007 Jun 15;22(6):E14. PubMed PMID: 17613205.
- 765: Gachiani J, Kim D, Nelson A, Kline D. Surgical management of malignant peripheral nerve sheath tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E13. PubMed PMID: 17613204.
- 766: Gupta G, Maniker A. Malignant peripheral nerve sheath tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E12. Review. PubMed PMID: 17613203.
- 767: Gazzeri R, Refice GM, Galarza M, Neroni M, Esposito S, Gazzeri G. Knee pain in saphenous nerve schwannoma: case report. *Neurosurg Focus*. 2007 Jun 15;22(6):E11. PubMed PMID: 17613202.
- 768: Dafford K, Kim D, Reid N, Kline D. Pelvic plexus tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E10. PubMed PMID: 17613201.
- 769: Powers CJ, Friedman AH. A brief history of surgery for peripheral nerve sheath tumors. *Neurosurg Focus*. 2007 Jun 15;22(6):E1. PubMed PMID: 17613200.
- 770: Sciubba DM, Lin LM, Woodworth GF, McGirt MJ, Carson B, Jallo GI. Factors contributing to the medical costs of cerebrospinal fluid shunt infection treatment in pediatric patients with standard shunt components compared with those in patients with antibiotic impregnated components. *Neurosurg Focus*. 2007 Apr 15;22(4):E9. PubMed PMID: 17613199.
- 771: Rekate HL. Treatment of hydrocephalus in adults. *Neurosurg Focus*. 2007 Apr 15;22(4):Editorial. PubMed PMID: 17613198.
- 772: Upchurch K, Raifu M, Bergsneider M. Endoscope-assisted placement of a multiperforated shunt catheter into the fourth ventricle via a frontal transventricular approach. *Neurosurg Focus*. 2007 Apr 15;22(4):E8. PubMed PMID: 17613197.
- 773: Ferguson SD, Michael N, Frim DM. Observations regarding failure of cerebrospinal fluid shunts early after implantation. *Neurosurg Focus*. 2007 Apr 15;22(4):E7. PubMed PMID: 17613196.
- 774: Rekate HL. Longstanding overt ventriculomegaly in adults: pitfalls in treatment with endoscopic third ventriculostomy. *Neurosurg Focus*. 2007 Apr 15;22(4):E6. PubMed PMID: 17613195.
- 775: Kurtom KH, Magram G. Siphon regulatory devices: their role in the treatment of hydrocephalus.

Neurosurg Focus. 2007 Apr 15;22(4):E5. Review. PubMed PMID: 17613194.

776: McAllister JP 2nd, Abdolvahabi RM, Walker ML, Mitchell JA, Jones HC. Effects of congenital hydrocephalus on the hypothalamic gonadotrophin-releasing hormone system. Neurosurg Focus. 2007 Apr 15;22(4):E4. PubMed PMID: 17613193.

777: Clarke MJ, Meyer FB. The history of mathematical modeling in hydrocephalus. Neurosurg Focus. 2007 Apr 15;22(4):E3. PubMed PMID: 17613192.

778: Czosnyka M, Czosnyka Z, Keong N, Lavinio A, Smielewski P, Momjian S, Schmidt EA, Petrella G,owler B, Pickard JD. Pulse pressure waveform in hydrocephalus: what it is and what it isn't. Neurosurg Focus. 2007 Apr 15;22(4):E2. PubMed PMID: 17613191.

779: Fountas KN, Kassam MA, Grigorian AA. A rare, delayed complication of a ventriculogallbladder shunt. Case report and review of the literature. Neurosurg Focus. 2007 Apr 15;22(4):E12. Review. PubMed PMID: 17613190.

780: Mindea SA, Yang BP, Batjer HH. Unruptured arteriovenous malformation in a patient presenting with obstructive hydrocephalus. Case report and review of the literature. Neurosurg Focus. 2007 Apr 15;22(4):E11. Review. PubMed PMID: 17613189.

781: Geocadin RG, Varelas PN, Rigamonti D, Williams MA. Continuous intracranial pressure monitoring via the shunt reservoir to assess suspected shunt malfunction in adults with hydrocephalus. Neurosurg Focus. 2007 Apr 15;22(4):E10. PubMed PMID: 17613188.

782: Marmarou A, Young HF, Aygok GA. Estimated incidence of normal pressure hydrocephalus and shunt outcome in patients residing in assisted-living and extended-care facilities. Neurosurg Focus. 2007 Apr 15;22(4):E1. PubMed PMID: 17613187.

783: Barami K, Grow A, Brem S, Dagnew E, Sloan AE. Vascular complications after radiosurgery for meningiomas. Neurosurg Focus. 2007 Mar 15;22(3):E9. Review. PubMed PMID: 17608362.

784: Baisden JM, Benedict SH, Sheng K, Read PW, Lerner JM. Helical TomoTherapy in the treatment of central nervous system metastasis. Neurosurg Focus. 2007 Mar 15;22(3):E8. Review. PubMed PMID: 17608361.

785: D'Ambrosio AL, Agazzi S. Prognosis in patients presenting with brain metastasis from an undiagnosed primary tumor. Neurosurg Focus. 2007 Mar 15;22(3):E7. PubMed PMID: 17608360.

786: Cavaliere R, Schiff D. Chemotherapy and cerebral metastases: misperception or reality? Neurosurg Focus. 2007 Mar 15;22(3):E6. Review. PubMed PMID: 17608359.

787: Smith ML, Lee JY. Stereotactic radiosurgery in the management of brain metastasis. Neurosurg Focus. 2007 Mar 15;22(3):E5. Review. PubMed PMID: 17608358.

788: Jagannathan J, Sherman JH, Mehta GU, Chin LS. Radiobiology of brain metastasis: applications in stereotactic radiosurgery. Neurosurg Focus. 2007 Mar 15;22(3):E4. Review. PubMed PMID: 17608357.

789: Dagnew E, Kanski J, McDermott MW, Sneed PK, McPherson C, Breneman JC, Warnick RE. Management of newly diagnosed single brain metastasis using resection and permanent iodine-125 seeds without initial whole-brain radiotherapy: a two institution experience. Neurosurg Focus. 2007 Mar 15;22(3):E3. PubMed PMID: 17608356.

- 790: Ranasinghe MG, Sheehan JM. Surgical management of brain metastases. *Neurosurg Focus*. 2007 Mar 15;22(3):E2. Review. PubMed PMID: 17608355.
- 791: Sanchez CE, Ogilvy CS, Carter BS. Outcomes studies in cerebrovascular neurosurgery. *Neurosurg Focus*. 2007 Mar 15;22(3):E11. Review. PubMed PMID: 17608354.
- 792: Finn M, Klimo P Jr, Couldwell WT. Interpositional dural graft technique for the treatment of dural arteriovenous fistulas. *Neurosurg Focus*. 2007 Mar 15;22(3):E10; discussion Editorial. PubMed PMID: 17608352.
- 793: Santarelli JG, Sarkissian V, Hou LC, Veeravagu A, Tse V. Molecular events of brain metastasis. *Neurosurg Focus*. 2007 Mar 15;22(3):E1. Review. PubMed PMID: 17608351.
- 794: Pradilla G, Jallo G. Arachnoid cysts: case series and review of the literature. *Neurosurg Focus*. 2007 Feb 15;22(2):E7. Review. PubMed PMID: 17608350.
- 795: Liu JK, Cole CD, Kan P, Schmidt MH. Spinal extradural arachnoid cysts: clinical, radiological, and surgical features. *Neurosurg Focus*. 2007 Feb 15;22(2):E6. Review. PubMed PMID: 17608349.
- 796: Kushen MC, Frim D. Placement of subdural electrode grids for seizure focus localization in patients with a large arachnoid cyst. Technical note. *Neurosurg Focus*. 2007 Feb 15;22(2):E5. PubMed PMID: 17608348.
- 797: Basaldella L, Orvieto E, Dei Tos AP, Della Barbera M, Valente M, Longatti P. Causes of arachnoid cyst development and expansion. *Neurosurg Focus*. 2007 Feb 15;22(2):E4. PubMed PMID: 17608347.
- 798: Bristol RE, Albuquerque FC, McDougall C, Spetzler RF. Arachnoid cysts: spontaneous resolution distinct from traumatic rupture. Case report. *Neurosurg Focus*. 2007 Feb 15;22(2):E2. PubMed PMID: 17608346.
- 799: Mandigo CE, Sampath P, Kaiser MG. Posterior dynamic stabilization of the lumbar spine: pedicle based stabilization with the AccuFlex rod system. *Neurosurg Focus*. 2007 Jan 15;22(1):E9. Review. PubMed PMID: 17608343.
- 800: Welch WC, Cheng BC, Awad TE, Davis R, Maxwell JH, Delamarter R, Wingate JK, Sherman J, Macenski MM. Clinical outcomes of the Dynesys dynamic neutralization system: 1-year preliminary results. *Neurosurg Focus*. 2007 Dec 15;22(1):E8. PubMed PMID: 17608342.
- 801: Kim KA, McDonald M, Pik JH, Khoeir P, Wang MY. Dynamic intraspinous spacer technology for posterior stabilization: case-control study on the safety, sagittal angulation, and pain outcome at 1-year follow-up evaluation. *Neurosurg Focus*. 2007 Jan 15;22(1):E7. PubMed PMID: 17608341.
- 802: Taylor J, Pupin P, Delajoux S, Palmer S. Device for intervertebral assisted motion: technique and initial results. *Neurosurg Focus*. 2007 Jan 15;22(1):E6. PubMed PMID: 17608340.
- 803: Lauryssen C. Appropriate selection of patients with lumbar spinal stenosis for interspinous process decompression with the X STOP device. *Neurosurg Focus*. 2007 Dec 15;22(1):E5. PubMed PMID: 17608339.
- 804: Palmer S, Mahar A, Oka R. Biomechanical and radiographic analysis of a novel, minimally invasive, extension-limiting device for the lumbar spine. *Neurosurg Focus*. 2007 Jan 15;22(1):E4. PubMed PMID: 17608338.

805: Khoeir P, Kim KA, Wang MY. Classification of posterior dynamic stabilization devices. *Neurosurg Focus*. 2007 Jan 15;22(1):E3. Review. PubMed PMID: 17608337.

806: McDonald M, Cooper R, Wang MY. Use of computed tomography-single-photon emission computed tomography fusion for diagnosing painful facet arthropathy. Technical note. *Neurosurg Focus*. 2007 Jan 15;22(1):E2. PubMed PMID: 17608336.

807: Scott-Young M. Posterior dynamic stabilization devices in the coming age of lumbar disc replacement. *Neurosurg Focus*. 2007 Jan 15;22(1):E14. Review. PubMed PMID: 17608335.

808: McAfee P, Khoo LT, Pimenta L, Capuccino A, Sengoz A, Coric D, Hes R, Conix B, Asgarzadie F, Hamzaoglu A, Mirofsky Y, Anekstein Y. Treatment of lumbar spinal stenosis with a total posterior arthroplasty prosthesis: implant description, surgical technique, and a prospective report on 29 patients. *Neurosurg Focus*. 2007 Jan 15;22(1):E13. PubMed PMID: 17608334.

809: Yue JJ, Timm JP, Panjabi MM, Jaramillo-de la Torre J. Clinical application of the Panjabi neutral zone hypothesis: the Stabilimax NZ posterior lumbar dynamic stabilization system. *Neurosurg Focus*. 2007 Jan 15;22(1):E12. Review. PubMed PMID: 17608333.

810: Highsmith JM, Tumialán LM, Rodts GE Jr. Flexible rods and the case for dynamic stabilization. *Neurosurg Focus*. 2007 Jan 15;22(1):E11. PubMed PMID: 17608332.

811: Kim YS, Zhang HY, Moon BJ, Park KW, Ji KY, Lee WC, Oh KS, Ryu GU, Kim DH. Nitinol spring rod dynamic stabilization system and Nitinol memory loops in surgical treatment for lumbar disc disorders: short-term follow up. *Neurosurg Focus*. 2007 Jan 15;22(1):E10. PubMed PMID: 17608331.

812: Serhan HA, Varnavas G, Dooris AP, Patwadhan A, Tzermiadianos M. Biomechanics of the posterior lumbar articulating elements. *Neurosurg Focus*. 2007 Jan 15;22(1):E1. Review. PubMed PMID: 17608330.

813: Hardenbrook MA, Lombardo SR. Silicate-substituted calcium phosphate as a bone void filler after kyphoplasty in a young patient with multiple compression fractures due to osteogenesis imperfecta variant: case report. *Neurosurg Focus*. 2006 Dec 15;21(6):E9. PubMed PMID: 17341053.

814: Rasche D, Rinaldi PC, Young RF, Tronnier VM. Deep brain stimulation for the treatment of various chronic pain syndromes. *Neurosurg Focus*. 2006 Dec 15;21(6):E8. Review. PubMed PMID: 17341052.

815: Osenbach RK. Motor cortex stimulation for intractable pain. *Neurosurg Focus*. 2006 Dec 15;21(6):E7. Review. PubMed PMID: 17341051.

816: Henderson JM, Lad SP. Motor cortex stimulation and neuropathic facial pain. *Neurosurg Focus*. 2006 Dec 15;21(6):E6. Review. PubMed PMID: 17341050.

817: Slavin KV, Colpan ME, Munawar N, Wess C, Nersesyan H. Trigeminal and occipital peripheral nerve stimulation for craniofacial pain: a single-institution experience and review of the literature. *Neurosurg Focus*. 2006 Dec 15;21(6):E5. Review. PubMed PMID: 17341049.

818: Haque R, Winfree CJ. Spinal nerve root stimulation. *Neurosurg Focus*. 2006 Dec 15;21(6):E4. Review. PubMed PMID: 17341048.

819: Lee AW, Pilitsis JG. Spinal cord stimulation: indications and outcomes. *Neurosurg Focus*. 2006 Dec 15;21(6):E3. Review. PubMed PMID: 17341047.

820: Sagher O, Huang DL. Mechanisms of spinal cord stimulation in ischemia. *Neurosurg Focus*. 2006 Dec 15;21(6):E2. PubMed PMID: 17341046.

821: Sengöz A, Taşdemiroğlu E, Togay H. Is clear cell sarcoma a malignant form of psammomatous melanotic schwannoma? Case report. *Neurosurg Focus*. 2006 Dec 15;21(6):E11. Review. PubMed PMID: 17341045.

822: Black P. Spinal vascular malformations: an historical perspective. *Neurosurg Focus*. 2006 Dec 15;21(6):E11. PubMed PMID: 17341044.

823: Toler SM, Noe D, Sharma A. Selective enhancement of cellular oxidative stress by chloroquine: implications for the treatment of glioblastoma multiforme. *Neurosurg Focus*. 2006 Dec 15;21(6):E10. PubMed PMID: 17341043.

824: Doleys DM. Psychological factors in spinal cord stimulation therapy: brief review and discussion. *Neurosurg Focus*. 2006 Dec 15;21(6):E1. Review. PubMed PMID: 17341042.

825: Broaddus WC, Prabhu SS, Gillies GT, Neal J, Conrad WS, Chen ZJ, Fillmore H, Young HF. Distribution and stability of antisense phosphorothioate oligonucleotides in rodent brain following direct intraparenchymal controlled-rate infusion. *Neurosurg Focus*. 1997 Nov 15;3(5):Article4. PubMed PMID: 17206780.

826: Vogelbaum MA, Tong JX, Higashikubo R, Gutmann DH, Rich KM. Transfection of C6 glioma cells with the bax gene and increased sensitivity to treatment with cytosine arabinoside. *Neurosurg Focus*. 1997 Nov 15;3(5):Article3. PubMed PMID: 17206779.

827: Julow J, Lanyi F, Hajda M, Szeifert GT, Balint K, Drasny G, Pasztor E, Fedorcsak I, Borbely K, Nyary I. Treatment of cystic craniopharyngiomas with yttrium-90 colloid solution. *Neurosurg Focus*. 1997 Dec 15;3(6):e6. PubMed PMID: 17206778.

828: Levy ML, Khoo LT, Day JD, Liker M, McComb JG. Optimization of the operative corridor for the resection of craniopharyngiomas in children: the combined frontoorbitozygomatic temporopolar approach. Technical note. *Neurosurg Focus*. 1997 Dec 15;3(6):e5. PubMed PMID: 17206777.

829: Abe T, Ludecke DK. Recent results of primary transnasal surgery for infradiaphragmatic craniopharyngioma. *Neurosurg Focus*. 1997 Dec 15;3(6):e4. PubMed PMID: 17206776.

830: Bunin GR, Surawicz TS, Witman PA, Preston-Martin S, Davis F, Bruner JM. The descriptive epidemiology of craniopharyngioma. *Neurosurg Focus*. 1997 Dec 15;3(6):e1. PubMed PMID: 17206775.

831: Engsberg JR, Olree KS, Ross SA, Park TS. Spasticity and strength changes as a function of selective dorsal rhizotomy. *Neurosurg Focus*. 1998 Jan 15;4(1):e4. PubMed PMID: 17206774.

832: Abel MF, Damiano DL, McLaughlin JF, Song KM, Graubert CS, Bjornson KF. Comparison of functional outcomes from orthopedic and neurosurgical interventions in spastic diplegia. *Neurosurg Focus*. 1998 Jan 15;4(1):e2. PubMed PMID: 17206773.

833: Savitz MH, Doughty H, Burns P. Percutaneous lumbar discectomy with a working endoscope and laser assistance. *Neurosurg Focus*. 1998 Feb 15;4(2):e9. PubMed PMID: 17206772.

834: Kambin P, Gennarelli T, Hermantin F. Minimally invasive techniques in spinal surgery: current practice. *Neurosurg Focus*. 1998 Feb 15;4(2):e8. PubMed PMID: 17206771.

835: Jho HD. Endoscopic microscopic transpedicular thoracic discectomy. Technical note. *Neurosurg Focus*. 1998 Feb 15;4(2):e7. PubMed PMID: 17206770.

836: Johnson JP, Ahn SS, Choi WC, Masciopinto JE, Kim KD, Filler AG, Desalles AA. Thoracoscopic sympathectomy: techniques and outcomes. *Neurosurg Focus*. 1998 Feb 15;4(2):e4. PubMed PMID: 17206769.

837: Das K, Rawanduzay A, Couldwell WT. Posterolateral approach for decompression with anterior and posterior fusion: a less invasive surgical technique for stabilization of the thoracic spine. Case report. *Neurosurg Focus*. 1998 Feb 15;4(2):e3. PubMed PMID: 17206768.

838: Alden TD, Hankins GR, Beres EJ, Kallmes DF, Helm GA. Bone morphogenetic protein gene therapy for the induction of spinal arthrodesis. *Neurosurg Focus*. 1998 Feb 15;4(2):e12. PubMed PMID: 17206767.

839: Chen TC. Recombinant human morphogenetic protein: its future role in spinal fusions. *Neurosurg Focus*. 1998 Feb 15;4(2):e11. PubMed PMID: 17206766.

840: Alden TD, Kaptain GJ, Jane JA Jr, Jane JA Sr. Intraoperative chymopapain in lumbar laminotomy for disc disease: a less invasive technique. *Neurosurg Focus*. 1998 Feb 15;4(2):e10. PubMed PMID: 17206765.

841: Malis LI. Neurofibromatosis type 2 and central neurofibromatosis. *Neurosurg Focus*. 1998 Mar 15;4(3):e1. PubMed PMID: 17168509.

842: Martin C, Alexander E 3rd, Wong T, Schwartz R, Jolesz F, Black PM. Surgical treatment of low-grade gliomas in the intraoperative magnetic resonance imager. *Neurosurg Focus*. 1998 Apr 15;4(4):e8. PubMed PMID: 17168508.

843: Chabrierie A, Ozlen F, Nakajima S, Leventon ME, Atsumi H, Grimson E, Jolesz F, Kikinis R, Black PM. Three-dimensional image reconstruction for low-grade glioma surgery. *Neurosurg Focus*. 1998 Apr 15;4(4):e7. PubMed PMID: 17168507.

844: Sherburn EW, Bahn MM, Gokden M, Silbergeld DL, Rich KM. Dysembryoplastic neuroepithelial tumor and oligodendroglioma: the diagnostic value of magnetic resonance spectroscopy. Case report and review of the literature. *Neurosurg Focus*. 1998 Apr 15;4(4):e6. PubMed PMID: 17168506.

845: Fisher BJ, Bauman GS, Leighton CE, Stitt L, Cairncross JG, Macdonald DR. Low-grade gliomas in children: tumor volume response to radiation. *Neurosurg Focus*. 1998 Apr 15;4(4):e5. PubMed PMID: 17168505.

846: Nikas DC, Bello L, Zamani AA, Black PM. Neurosurgical considerations in supratentorial low-grade gliomas: experience with 175 patients. *Neurosurg Focus*. 1998 Apr 15;4(4):e4. PubMed PMID: 17168504.

847: Moghrabi A, Friedman HS, Ashley DM, Bottom KS, Kerby T, Stewart E, Bruggers C, Provenzale JM, Champagne M, Hershon L, Watral M, Ryan J, Rasheed K, Lovell S, Korones D, Fuchs H, George T, McLendon RE, Friedman AH, Buckley E, Longee DC. Phase II study of carboplatin (CBDCA) in progressive low-grade gliomas. *Neurosurg Focus*. 1998 Apr 15;4(4):e3. PubMed PMID: 17168503.

848: Noll E, Black PM. Retention of an appropriate astrocytic response to retinoids by human brain tumors comprised of predominantly glial fibrillary acidic protein-positive cells. *Neurosurg Focus*. 1998 Apr 15;4(4):e2. PubMed PMID: 17168502.

- 849: Chen TC. Hereditary neurological tumor syndromes: clues to glioma oncogenesis? *Neurosurg Focus*. 1998 Apr 15;4(4):e1. PubMed PMID: 17168501.
- 850: Sutter B, Arthur A, Laurent J, Chadduck J, Friehs G, Clarici G, Pendl G. Treatment options and time course for intramedullary spinal cord metastasis. Report of three cases and review of the literature. *Neurosurg Focus*. 1998 May 15;4(5):e3. PubMed PMID: 17154452.
- 851: Brotchi J, Fischer G. Spinal cord ependymomas. *Neurosurg Focus*. 1998 May 15;4(5):e2. PubMed PMID: 17154451.
- 852: Kothbauer KF, Deletis V, Epstein FJ. Motor-evoked potential monitoring for intramedullary spinal cord tumor surgery: correlation of clinical and neurophysiological data in a series of 100 consecutive procedures. *Neurosurg Focus*. 1998 May 15;4(5):e1. PubMed PMID: 17154450.
- 853: Perry JR. Bias, benefit, or both: evaluating new glioma therapies. *Neurosurg Focus*. 1998 Jun 15;4(6):e9. PubMed PMID: 17154449.
- 854: Anderson FA Jr; The Glioma Outcomes Project Advisory Board. The Glioma Outcomes Project: a resource for measuring and improving glioma outcomes. *Neurosurg Focus*. 1998 Jun 15;4(6):e8. PubMed PMID: 17154448.
- 855: Bunston T, Mings D, Laperriere N, Malcolm J, Williams D. The impact of psychosocial need and needs resolution on quality of life in patients with brain tumors. *Neurosurg Focus*. 1998 Jun 15;4(6):e7. PubMed PMID: 17154447.
- 856: Bampoe J, Ritvo P, Bernstein M. Quality of life in patients with brain tumor: what's relevant in our quest for therapeutic efficacy. *Neurosurg Focus*. 1998 Jun 15;4(6):e6. PubMed PMID: 17154446.
- 857: Rosenberg J. How well are we doing in caring for the patient with primary malignant brain tumor? Are we measuring the outcomes that truly matter? A commentary. *Neurosurg Focus*. 1998 Jun 15;4(6):e5. PubMed PMID: 17154445.
- 858: Glantz MJ, Walters BC. Diagnosis and outcome measures in trials for neoplastic meningitis: a review of the literature and clinical experience. *Neurosurg Focus*. 1998 Jun 15;4(6):e4. PubMed PMID: 17154444.
- 859: Chen ZP, Yarosh D, Garcia Y, Tampieri D, Mohr G, Langleben A, Panasci LC. Clinical response of O(6)-methylguanine-DNA methyltransferase levels to 1,3-(2-chloroethyl)-1-nitrosourea chemotherapy in glioma patients. *Neurosurg Focus*. 1998 Jun 15;4(6):e3. PubMed PMID: 17154443.
- 860: Vorster SJ, Barnett GH. A proposed preoperative grading scheme to assess risk for surgical resection of primary and secondary intraaxial supratentorial brain tumors. *Neurosurg Focus*. 1998 Jun 15;4(6):e2. PubMed PMID: 17154442.
- 861: Soultz CB, Canute GS, Ryken TC. Evidence-based review of the role of reoperation in the management of malignant glioma. *Neurosurg Focus*. 1998 Jun 15;4(6):e11. PubMed PMID: 17154441.
- 862: Low-Grade Glioma Guidelines Team in association with the Guidelines and Outcomes Committee of the American Association of Neurological Surgeons. Practice parameters in adults with suspected or known supratentorial nonoptic pathway low-grade glioma. *Neurosurg Focus*. 1998 Jun 15;4(6):e10. PubMed PMID: 17154440.
- 863: Friehs GM, Legat J, Zheng Z, Pendl G, Noren GC. Outcomes in patients treated with gamma knife

radiosurgery for brain metastases from malignant melanoma. *Neurosurg Focus*. 1998 Jun 15;4(6):e1. PubMed PMID: 17154439.

864: Matsutani M, Ushio Y, Abe H, Yamashita J, Shibui S, Fujimaki T, Takakura K, Nomura K, Tanaka R, Fukui M, Yoshimoto T, Hayakawa T, Nagashima T, Kurisu K, Kayama T; the Japanese Pediatric Brain Tumor Study Group. Combined chemotherapy and radiation therapy for central nervous system germ cell tumors: preliminary results of a Phase II study of the Japanese Pediatric Brain Tumor Study Group. *Neurosurg Focus*. 1998 Jul 15;5(1):e7. PubMed PMID: 17140188.

865: Kato T, Sawamura Y, Tada M, Murata J, Abe H, Shirato H, Fujieda K. Occult neurohypophyseal germinomas in patients presenting with central diabetes insipidus. *Neurosurg Focus*. 1998 Jul 15;5(1):e6. PubMed PMID: 17140187.

866: Murakami M, Kuratsu J, Kochi M, Kunitoku N, Hashiguchi A, Ushio Y. Pineal germinomas with granulomatous inflammation. Report of two cases and review of the literature. *Neurosurg Focus*. 1998 Jul 15;5(1):e5. PubMed PMID: 17140186.

867: Rogers PB, Sims EC, Plowman N. Blood to cerebrospinal fluid human chorionic gonadotropin-beta ratios in intracranial germ cell tumors. *Neurosurg Focus*. 1998 Jul 15;5(1):e4. PubMed PMID: 17140185.

868: Huang TY, Kuratsu J, Takeshima H, Nishi T, Ushio Y. Expression of CD44 adhesion molecules in intracranial germinomas. *Neurosurg Focus*. 1998 Jul 15;5(1):e3. PubMed PMID: 17140184.

869: Nishikawa R, Matsutani M. Immunohistochemical analysis of p53 and p21(WAF1/Cip1) expression in primary intracranial germ cell tumors. *Neurosurg Focus*. 1998 Jul 15;5(1):e2. PubMed PMID: 17140183.

870: Kaptain GJ, Shaffrey CI, Alden TD, Young JN, Whitehill R. The influence of secondary gain on surgical outcome: a comparison between cervical and lumbar discectomy. *Neurosurg Focus*. 1998 Aug 15;5(2):e6. PubMed PMID: 17137290.

871: Gerszten PC. Clinical practice guidelines and their role in quality of care assessments. *Neurosurg Focus*. 1998 Aug 15;5(2):e5. PubMed PMID: 17137289.

872: Nitahara JA, Valencia M, Bronstein MA. Medical case management after laminectomy or craniotomy: do all patients benefit from admission to the intensive care unit? *Neurosurg Focus*. 1998 Aug 15;5(2):e4. PubMed PMID: 17137288.

873: Roski RA. The Current Procedural Terminology and the Medicare Resource Based Relative Value Scale in neurosurgical practice. *Neurosurg Focus*. 1998 Aug 15;5(2):e3. PubMed PMID: 17137287.

874: Alberstone CD, Benzel EC, Garcia D. Whither neurosurgery? *Neurosurg Focus*. 1998 Aug 15;5(2):e2. PubMed PMID: 17137286.

875: Tolchin S. Neurosurgical credentials: a history and critique. *Neurosurg Focus*. 1998 Aug 15;5(2):e1. PubMed PMID: 17137285.

876: Gündüz K, Pulido JS, McCannel CA, O'Neill BP. Ocular manifestations and treatment of central nervous system lymphomas. *Neurosurg Focus*. 2006 Nov 15;21(5):E9. Review. PubMed PMID: 17134125.

877: Ablu O, Weitzman S. Primary central nervous system lymphoma in children. *Neurosurg Focus*.

2006 Nov 15;21(5):E8. Review. PubMed PMID: 17134124.

878: Da Silva AN, Lopes MB, Schiff D. Rare pathological variants and presentations of primary central nervous system lymphomas. *Neurosurg Focus*. 2006 Nov 15;21(5):E7. Review. PubMed PMID: 17134123.

879: Chamberlain MC. Lymphomatous meningitis in primary central nervous system lymphoma. *Neurosurg Focus*. 2006 Nov 15;21(5):E6. Review. PubMed PMID: 17134122.

880: Iwamoto FM, Abrey LE. Primary dural lymphomas: a review. *Neurosurg Focus*. 2006 Nov 15;21(5):E5. Review. PubMed PMID: 17134121.

881: Go JL, Lee SC, Kim PE. Imaging of primary central nervous system lymphoma. *Neurosurg Focus*. 2006 Nov 15;21(5):E4. Review. PubMed PMID: 17134120.

882: Hunt MA, Jahnke K, Murillo TP, Neuwelt EA. Distinguishing primary central nervous system lymphoma from other central nervous system diseases: a neurosurgical perspective on diagnostic dilemmas and approaches. *Neurosurg Focus*. 2006 Nov 15;21(5):E3. PubMed PMID: 17134119.

883: Commins DL. Pathology of primary central nervous system lymphoma. *Neurosurg Focus*. 2006 Nov 15;21(5):E2. Review. PubMed PMID: 17134118.

884: Eichler AF, Batchelor TT. Primary central nervous system lymphoma: presentation, diagnosis and staging. *Neurosurg Focus*. 2006 Nov 15;21(5):E15. Review. PubMed PMID: 17134117.

885: Wang W, Kardosh A, Su YS, Schonthal AH, Chen TC. Efficacy of celecoxib in the treatment of CNS lymphomas: an in vivo model. *Neurosurg Focus*. 2006 Nov 15;21(5):E14. PubMed PMID: 17134116.

886: Elder JB, Chen TC. Surgical interventions for primary central nervous system lymphoma. *Neurosurg Focus*. 2006 Nov 15;21(5):E13. Review. PubMed PMID: 17134115.

887: Omuro AM, Abrey LE. Chemotherapy for primary central nervous system lymphoma. *Neurosurg Focus*. 2006 Nov 15;21(5):E12. Review. PubMed PMID: 17134114.

888: Jahnke K, Doolittle ND, Muldoon LL, Neuwelt EA. Implications of the blood-brain barrier in primary central nervous system lymphoma. *Neurosurg Focus*. 2006 Nov 15;21(5):E11. Review. PubMed PMID: 17134113.

889: Galarza M, Gazzeri R, Elfeky HA, Johnson RR 2nd. Primary diffuse large B-cell lymphoma of the dura mater and cranial vault. Case report and literature review. *Neurosurg Focus*. 2006 Nov 15;21(5):E10. Review. PubMed PMID: 17134112.

890: Kadoch C, Treseler P, Rubenstein JL. Molecular pathogenesis of primary central nervous system lymphoma. *Neurosurg Focus*. 2006 Nov 15;21(5):E1. Review. PubMed PMID: 17134111.

891: Chou D, Sampath P, Brem H. Hemorrhagic vestibular schwannoma: an unusual clinical entity. Case report. *Neurosurg Focus*. 1998 Sep 15;5(3):e9. PubMed PMID: 17112224.

892: Chaynes P, Deguine O, Moscovici J, Fraysse B, Becue J, Lazorthes Y. Endoscopic anatomy of the cerebellopontine angle: a study in cadaver brains. *Neurosurg Focus*. 1998 Sep 15;5(3):e8. PubMed PMID: 17112223.

893: Holliday MJ, Sampath P. Decompression of the labyrinthine segment of the facial nerve in

acoustic neuroma surgery: a consideration for minimizing postoperative delayed facial nerve dysfunction. *Neurosurg Focus*. 1998 Sep 15;5(3):e7. PubMed PMID: 17112222.

894: Sampath P, Rhines LD, Holliday MJ, Brem H, Long DM. Late-onset facial nerve degeneration after vestibular schwannoma surgery: incidence, putative mechanisms, and prevention. *Neurosurg Focus*. 1998 Sep 15;5(3):e6. PubMed PMID: 17112221.

895: Schwartz MS, Riddle SA, Delashaw JB Jr, Horgan MA, Kellogg JX, McMenomey SO. Quality of life following acoustic neuroma surgery. *Neurosurg Focus*. 1998 Sep 15;5(3):e3. PubMed PMID: 17112220.

896: Kondziolka D, Subach BR, Lunsford LD, Bissonette DJ, Flickinger JC. Outcomes after gamma knife radiosurgery in solitary acoustic tumors and neurofibromatosis Type 2. *Neurosurg Focus*. 1998 Sep 15;5(3):e2. PubMed PMID: 17112219.

897: Armonda RA, Thomas JE, Rosenwasser RH. Early and aggressive treatment of medically intractable cerebral vasospasm with pentobarbital coma, cerebral angioplasty and ICP reduction. *Neurosurg Focus*. 1998 Oct 15;5(4):e7. PubMed PMID: 17112218.

898: Coenen VA, Hansen CA, Kassell NF, Polin RS. Endovascular treatment for symptomatic cerebral vasospasm after subarachnoid hemorrhage: transluminal balloon angioplasty compared with intraarterial papaverine. *Neurosurg Focus*. 1998 Oct 15;5(4):e6. PubMed PMID: 17112217.

899: Muizelaar JP, Zwienenberg M, Mini NA, Hecht ST. Safety and efficacy of transluminal balloon angioplasty in the prevention of vasospasm in patients with Fisher Grade 3 subarachnoid hemorrhage: a pilot study. *Neurosurg Focus*. 1998 Oct 15;5(4):e5. PubMed PMID: 17112216.

900: Armonda RA, Thomas JE, Rosenwasser RH. Therapeutic options for endovascular therapy for intracranial aneurysms. *Neurosurg Focus*. 1998 Oct 15;5(4):e4. PubMed PMID: 17112215.

901: Fessler RD, Wakhloo AK, Lanzino G, Qureshi AI, Guterman LR, Hopkins LN. Stent placement for vertebral artery occlusive disease: preliminary clinical experience. *Neurosurg Focus*. 1998 Oct 15;5(4):e15. PubMed PMID: 17112214.

902: Benitez RP, Armonda RA, Harrop J, Thomas JE, Rosenwasser RH. Carotid angioplasty and stenting for recurrent and radiation-induced stenosis: preliminary experience. *Neurosurg Focus*. 1998 Oct 15;5(4):e14. PubMed PMID: 17112213.

903: Berg-Dammer E, Henkes H, Weber W, Berlit P, Kuhne D. Percutaneous transluminal angioplasty of intracranial artery stenosis: clinical results in 24 patients. *Neurosurg Focus*. 1998 Oct 15;5(4):e13. PubMed PMID: 17112212.

904: Kellogg JX, Kuether TA, Horgan MA, Nesbit GM, Barnwell SL. Current concepts on carotid artery-cavernous sinus fistulas. *Neurosurg Focus*. 1998 Oct 15;5(4):e12. PubMed PMID: 17112211.

905: Schwartz MS, Scott RM. Moyamoya syndrome associated with cocaine abuse. Case report. *Neurosurg Focus*. 1998 Nov 15;5(5):e7. PubMed PMID: 17112210.

906: Nakashima T, Nakayama N, Furuichi M, Kokuzawa J, Murakawa T, Sakai N. Arteriovenous malformation in association with moyamoya disease. Report of two cases. *Neurosurg Focus*. 1998 Nov 15;5(5):e6. PubMed PMID: 17112209.

907: Miyamoto S, Akiyama Y, Nagata I, Karasawa J, Nozaki K, Hashimoto N, Kikuchi H. Long-term outcome after STA-MCA anastomosis for moyamoya disease. *Neurosurg Focus*. 1998 Nov 15;5(5):e5.

PubMed PMID: 17112208.

908: Matsushima T, Inoue T, Ikezaki K, Matsukado K, Natori Y, Inamura T, Fukui M. Multiple combined indirect procedure for the surgical treatment of children with moyamoya disease. A comparison with single indirect anastomosis and direct anastomosis. *Neurosurg Focus*. 1998 Nov 15;5(5):e4. PubMed PMID: 17112207.

909: Iwama T, Akiyama Y, Morimoto M, Kojima A, Hayashida K. Comparison of positron emission tomography study results of cerebral hemodynamics in patients with bleeding- and ischemic-type moyamoya disease. *Neurosurg Focus*. 1998 Nov 15;5(5):e3. PubMed PMID: 17112206.

910: Houkin K, Yoshimoto T, Abe H, Nagashima K, Nagashima M, Takeda M, Isu T. Role of basic fibroblast growth factor in the pathogenesis of moyamoya disease. *Neurosurg Focus*. 1998 Nov 15;5(5):e2. PubMed PMID: 17112205.

911: Wetjen NM, Garell PC, Stence NV, Loftus CM. Moyamoya disease in the midwestern United States. *Neurosurg Focus*. 1998 Nov 15;5(5):e1. PubMed PMID: 17112204.

912: Theron J, Guimaraens L, Coskun O, Sola T, Martin JB, Rufenacht DA. Complications of carotid angioplasty and stenting. *Neurosurg Focus*. 1998 Dec 15;5(6):e4. PubMed PMID: 17112203.

913: Lanzino G, Fessler RD, Mericle RA, Wakhloo AK, Guterman LR, Hopkins LN. Angioplasty and stenting for carotid artery stenosis: indications, techniques, results, and complications. *Neurosurg Focus*. 1998 Dec 15;5(6):e3. PubMed PMID: 17112202.

914: Albuquerque FC, Teitelbaum GP, Larsen DW, Giannotta SL. Carotid endarterectomy compared with angioplasty and stenting: the status of the debate. *Neurosurg Focus*. 1998 Dec 15;5(6):e2. PubMed PMID: 17112201.

915: Brennan JJ, Loftus CM. Carotid endarterectomy: current indications for surgery. *Neurosurg Focus*. 1998 Dec 15;5(6):e1. PubMed PMID: 17112200.

916: Miele VJ, Bailes JE, Martin NA. Participation in contact or collision sports in athletes with epilepsy, genetic risk factors, structural brain lesions, or history of craniotomy. *Neurosurg Focus*. 2006 Oct 15;21(4):E9. Review. PubMed PMID: 17112199.

917: Miele VJ, Norwig JA, Bailes JE. Sideline and ringside evaluation for brain and spinal injuries. *Neurosurg Focus*. 2006 Oct 15;21(4):E8. Review. PubMed PMID: 17112198.

918: Villavicencio AT, Burneikiene S, Hernández TD, Thramann J. Back and neck pain in triathletes. *Neurosurg Focus*. 2006 Oct 15;21(4):E7. PubMed PMID: 17112197.

919: Jagannathan J, Dumont AS, Prevedello DM, Shaffrey CI, Jane JA Jr. Cervical spine injuries in pediatric athletes: mechanisms and management. *Neurosurg Focus*. 2006 Oct 15;21(4):E6. Review. PubMed PMID: 17112196.

920: Burnett MG, Sonntag VK. Return to contact sports after spinal surgery. *Neurosurg Focus*. 2006 Oct 15;21(4):E5. PubMed PMID: 17112195.

921: Dunn IF, Proctor MR, Day AL. Lumbar spine injuries in athletes. *Neurosurg Focus*. 2006 Oct 15;21(4):E4. Review. PubMed PMID: 17112194.

922: Cantu RC, Aubry M, Dvorak J, Graf-Baumann T, Johnston K, Kelly J, Lovell M, McCrory P,

- Meeuwisse W, Schamasch P, Kevin M, Bruce SL, Ferrara MS, Kelly JP, McCrea M, Putukian M, McLeod TC. Overview of concussion consensus statements since 2000. *Neurosurg Focus*. 2006 Oct 15;21(4):E3. PubMed PMID: 17112193.
- 923: Nugent GR. Reflections on 40 years as a sideline physician. *Neurosurg Focus*. 2006 Oct 15;21(4):E2. PubMed PMID: 17112192.
- 924: Barami K, Lewis-Tuffin L, Anastasiadis PZ. The role of cadherins and catenins in gliomagenesis. *Neurosurg Focus*. 2006 Oct 15;21(4):E13. Review. PubMed PMID: 17112191.
- 925: Pellman EJ, Viano DC; National Football League's Committee on Mild Traumatic Brain Injury. Concussion in professional football: summary of the research conducted by the National Football League's Committee on Mild Traumatic Brain Injury. *Neurosurg Focus*. 2006 Oct 15;21(4):E12. PubMed PMID: 17112190.
- 926: Maroon JC, Bost JW, Borden MK, Lorenz KM, Ross NA. Natural antiinflammatory agents for pain relief in athletes. *Neurosurg Focus*. 2006 Oct 15;21(4):E11. Review. PubMed PMID: 17112189.
- 927: Miele VJ, Bailes JE, Cantu RC, Rabb CH. Subdural hematomas in boxing: the spectrum of consequences. *Neurosurg Focus*. 2006 Oct 15;21(4):E10. PubMed PMID: 17112188.
- 928: Dunn IF, Dunn G, Day AL. Neurosurgeons and their contributions to modern-day athletics: Richard C. Schneider Memorial Lecture. *Neurosurg Focus*. 2006 Oct 15;21(4):E1. PubMed PMID: 17112187.
- 929: Tator CH, Fehlings MG. Review of clinical trials of neuroprotection in acute spinal cord injury. *Neurosurg Focus*. 1999 Jan 15;6(1):e8. PubMed PMID: 17031918.
- 930: Tanaka H, Nagata K, Inoue A, Yoshizuka M. The fate of the compressed deformed spinal cord after decompressive surgery: MR imaging and histopathological findings in experimental studies. *Neurosurg Focus*. 1999 Jan 15;6(1):e5. PubMed PMID: 17031917.
- 931: Ng WP, Fehlings MG, Cuddy B, Dickman C, Fazl M, Green B, Hitchon P, Northrup B, Sonntag V, Wagner F, Tator CH. Surgical treatment for acute spinal cord injury study pilot study #2: evaluation of protocol for decompressive surgery within 8 hours of injury. *Neurosurg Focus*. 1999 Jan 15;6(1):e3. PubMed PMID: 17031916.
- 932: Ganslandt O, Fahlbusch R, Nimsky C, Kober H, Moller M, Steinmeier R, Romstock J, Vieth J. Functional neuronavigation with magnetoencephalography: outcome in 50 patients with lesions around the motor cortex. *Neurosurg Focus*. 1999 Mar 15;6(3):e3. PubMed PMID: 17031915.
- 933: Caruso G, Germano A, Caffo M, Belvedere M, La Rosa G, De Divitiis O, Tomasello F. Anterior thoracic intradural arachnoid cysts. Case report and review of the literature. *Neurosurg Focus*. 1999 May 15;6(5):e8. PubMed PMID: 17031914.
- 934: Glasauer FE, Castiglia GJ, Lifeso RM. Coexistence of two different intraspinal tumors. Case report and review of the literature. *Neurosurg Focus*. 1999 May 15;6(5):e7. PubMed PMID: 17031913.
- 935: Rauzzino MJ, Shaffrey CI, Wagner J, Nockels R, Abel M. Surgical approaches for the management of idiopathic thoracic scoliosis and the indications for combined anterior-posterior technique. *Neurosurg Focus*. 1999 May 15;6(5):e6. PubMed PMID: 17031912.
- 936: Mocco J, Zacharia BE, Komotar RJ, Connolly ES Jr. A review of current and future medical

therapies for cerebral vasospasm following aneurysmal subarachnoid hemorrhage. *Neurosurg Focus*. 2006 Sep 15;21(3):E9. Review. PubMed PMID: 17029348.

937: Weyer GW, Nolan CP, Macdonald RL. Evidence-based cerebral vasospasm management. *Neurosurg Focus*. 2006 Sep 15;21(3):E8. Review. PubMed PMID: 17029347.

938: Lad SP, Guzman R, Kelly ME, Li G, Lim M, Lovbald K, Steinberg GK. Cerebral perfusion imaging in vasospasm. *Neurosurg Focus*. 2006 Sep 15;21(3):E7. Review. PubMed PMID: 17029346.

939: Moftakhar R, Rowley HA, Turk A, Niemann DB, Kienitz BA, Van Gimple J, Başkaya MK. Utility of computed tomography perfusion in detection of cerebral vasospasm in patients with subarachnoid hemorrhage. *Neurosurg Focus*. 2006 Sep 15;21(3):E6. PubMed PMID: 17029345.

940: Klimo P Jr, Schmidt RH. Computed tomography grading schemes used to predict cerebral vasospasm after aneurysmal subarachnoid hemorrhage: a historical review. *Neurosurg Focus*. 2006 Sep 15;21(3):E5. Review. PubMed PMID: 17029344.

941: Mesis RG, Wang H, Lombard FW, Yates R, Vitek MP, Borel CO, Warner DS, Laskowitz DT. Dissociation between vasospasm and functional improvement in a murine model of subarachnoid hemorrhage. *Neurosurg Focus*. 2006 Sep 15;21(3):E4. PubMed PMID: 17029343.

942: Khurana VG, Fox DJ, Meissner I, Meyer FB, Spetzler RF. Update on evidence for a genetic predisposition to cerebral vasospasm. *Neurosurg Focus*. 2006 Sep 15;21(3):E3. Review. PubMed PMID: 17029342.

943: Stein SC, Levine JM, Nagpal S, LeRoux PD. Vasospasm as the sole cause of cerebral ischemia: how strong is the evidence? *Neurosurg Focus*. 2006 Sep 15;21(3):E2. Review. PubMed PMID: 17029341.

944: Elsayed AA, Moran CJ, Cross DT 3rd, Derdeyn CP, Pilgram TK, Milburn JM, Dacey RG Jr, Diringer MN Jr. Effect of intraarterial papaverine and/or angioplasty on the cerebral veins in patients with vasospasm after subarachnoid hemorrhage due to ruptured intracranial aneurysms. *Neurosurg Focus*. 2006 Sep 15;21(3):E16. PubMed PMID: 17029340.

945: Mazumdar A, Rivet DJ, Derdeyn CP, Cross DT 3rd, Moran CJ. Effect of intraarterial verapamil on the diameter of vasospastic intracranial arteries in patients with cerebral vasospasm. *Neurosurg Focus*. 2006 Sep 15;21(3):E15. PubMed PMID: 17029339.

946: Terry A, Zipfel G, Milner E, Cross DT 3rd, Moran CJ, Diringer MN, Dacey RG Jr, Derdeyn CP. Safety and technical efficacy of over-the-wire balloons for the treatment of subarachnoid hemorrhage-induced cerebral vasospasm. *Neurosurg Focus*. 2006 Sep 15;21(3):E14. PubMed PMID: 17029338.

947: Mindea SA, Yang BP, Bendok BR, Miller JW, Batjer HH. Endovascular treatment strategies for cerebral vasospasm. *Neurosurg Focus*. 2006 Sep 15;21(3):E13. Review. PubMed PMID: 17029337.

948: Sayama CM, Liu JK, Couldwell WT. Update on endovascular therapies for cerebral vasospasm induced by aneurysmal subarachnoid hemorrhage. *Neurosurg Focus*. 2006 Sep 15;21(3):E12. Review. PubMed PMID: 17029336.

949: Bulsara KR, Coates JR, Agrawal VK, Eifler DM, Wagner-Mann CC, Durham HE, Fine DM, Toft K. Effect of combined simvastatin and cyclosporine compared with simvastatin alone on cerebral vasospasm after subarachnoid hemorrhage in a canine model. *Neurosurg Focus*. 2006 Sep 15;21(3):E11. PubMed PMID: 17029335.

- 950: Tseng MY, Czosnyka M, Richards H, Pickard JD, Kirkpatrick PJ. Effects of acute treatment with statins on cerebral autoregulation in patients after aneurysmal subarachnoid hemorrhage. *Neurosurg Focus*. 2006 Sep 15;21(3):E10. PubMed PMID: 17029334.
- 951: Nolan CP, Macdonald RL. Can angiographic vasospasm be used as a surrogate marker in evaluating therapeutic interventions for cerebral vasospasm? *Neurosurg Focus*. 2006 Sep 15;21(3):E1. Review. PubMed PMID: 17029333.
- 952: Ryken T, Julien T, Frankel B, Canute G, Haller J, Rosenbaum A. Image-injected frameless stereotactic approach to the anterior craniovertebral junction. *Neurosurg Focus*. 1999 Jun 15;6(6):e9. PubMed PMID: 16972752.
- 953: Naderi S, Crawford NR, Melton MS, Sonntag VK, Dickman CA. Biomechanical analysis of cranial settling after transoral odontoidectomy. *Neurosurg Focus*. 1999 Jun 15;6(6):e7. PubMed PMID: 16972751.
- 954: Greenlee J, Garell PC, Stence N, Menezes AH. Comprehensive approach to Chiari malformation in pediatric patients. *Neurosurg Focus*. 1999 Jun 15;6(6):e4. PubMed PMID: 16972750.
- 955: Taggard DA, Menezes AH, Ryken TC. Instability of the craniovertebral junction and treatment outcomes in patients with Down's syndrome. *Neurosurg Focus*. 1999 Jun 15;6(6):e3. PubMed PMID: 16972749.
- 956: Menezes AH. Pathogenesis, dynamics, and management of os odontoideum. *Neurosurg Focus*. 1999 Jun 15;6(6):e2. PubMed PMID: 16972748.
- 957: Ryken T, Menezes A. Inflammatory bowel disease and the craniocervical junction. *Neurosurg Focus*. 1999 Jun 15;6(6):e10. PubMed PMID: 16972747.
- 958: David KM, Thorogood PV, Stevens JM, Crockard HA. The dysmorphic cervical spine in Klippel-Feil syndrome: interpretations from developmental biology. *Neurosurg Focus*. 1999 Jun 15;6(6):e1. PubMed PMID: 16972746.
- 959: Reinert M, Khaldi A, Zauner A, Doppenberg E, Choi S, Bullock R. High extracellular potassium and its correlates after severe head injury: relationship to high intracranial pressure. *Neurosurg Focus*. 2000;8(1):e10. PubMed PMID: 16924778.
- 960: Winkler PA, Stummer W, Linke R, Krishnan KG, Tatsch K. The influence of cranioplasty on postural blood flow regulation, cerebrovascular reserve capacity, and cerebral glucose metabolism. *Neurosurg Focus*. 2000;8(1):e9. PubMed PMID: 16924777.
- 961: Farace E, Alves WM. Do women fare worse? A metaanalysis of gender differences in outcome after traumatic brain injury. *Neurosurg Focus*. 2000;8(1):e6. PubMed PMID: 16924776.
- 962: Wiggins GC, Rauzzino MJ, Shaffrey CI, Nockels RP, Whitehill R, Alden TD, Shaffrey ME, Wagner J. A new technique for the surgical management of unstable thoracolumbar burst fractures: a modification of the anterior approach and an outcome comparison to traditional methods. *Neurosurg Focus*. 1999 Jul 15;7(1):e3. PubMed PMID: 16918234.
- 963: Do HM, Jensen ME, Marx WF, Kallmes DF. Percutaneous vertebroplasty in vertebral osteonecrosis (Kummell's spondylitis). *Neurosurg Focus*. 1999 Jul 15;7(1):e2. PubMed PMID: 16918233.
- 964: Wilson JA, Bowen S, Branch CL Jr, Meredith JW. Review of 31 cases of anterior thoracolumbar

fixation with the anterior thoracolumbar locking plate system. Neurosurg Focus. 1999 Jul 15;7(1):e1. PubMed PMID: 16918232.

965: Raffel C. Molecular biology of the primitive neuroectodermal tumor: a review. Neurosurg Focus. 1999 Aug 15;7(2):e2. PubMed PMID: 16918231.

966: Gold DR, Packer RJ, Cohen BH. Treatment strategies for medulloblastoma and primitive neuroectodermal tumors. Neurosurg Focus. 1999 Aug 15;7(2):e1. PubMed PMID: 16918230.

967: Breeze RE, Wang MC. An overview of central nervous system transplantation in human disease. Neurosurg Focus. 1999 Sep 15;7(3):e1. PubMed PMID: 16918229.

968: Park TS, Johnston JM. Surgical techniques of selective dorsal rhizotomy for spastic cerebral palsy. Technical note. Neurosurg Focus. 2006 Aug 15;21(2):e7. PubMed PMID: 16918228.

969: Vender JR, Hughes M, Hughes BD, Hester S, Holsenback S, Rosson B. Intrathecal baclofen therapy and multiple sclerosis: outcomes and patient satisfaction. Neurosurg Focus. 2006 Aug 15;21(2):e6. PubMed PMID: 16918227.

970: Hsieh JC, Penn RD. Intrathecal baclofen in the treatment of adult spasticity. Neurosurg Focus. 2006 Aug 15;21(2):e5. Review. PubMed PMID: 16918226.

971: Steinbok P. Selection of treatment modalities in children with spastic cerebral palsy. Neurosurg Focus. 2006 Aug 15;21(2):e4. Review. PubMed PMID: 16918225.

972: Albright AL, Ferson SS. Intrathecal baclofen therapy in children. Neurosurg Focus. 2006 Aug 15;21(2):e3. Review. PubMed PMID: 16918224.

973: O'Brien DF, Park TS. A review of orthopedic surgeries after selective dorsal rhizotomy. Neurosurg Focus. 2006 Aug 15;21(2):e2. Review. PubMed PMID: 16918223.

974: Criswell SR, Crowner BE, Racette BA. The use of botulinum toxin therapy for lower-extremity spasticity in children with cerebral palsy. Neurosurg Focus. 2006 Aug 15;21(2):e1. Review. PubMed PMID: 16918222.

975: Chang CC, Kuwana N, Ito S. Management of patients with normal-pressure hydrocephalus by using lumboperitoneal shunt system with the Codman Hakim programmable valve. Neurosurg Focus. 1999 Oct 15;7(4):e8. PubMed PMID: 16918221.

976: Carmel PW, Albright AL, Adelson PD, Canady A, Black P, Boydston W, Kneirim D, Kaufman B, Walker M, Luciano M, Pollack IF, Manwaring K, Heilbrun MP, Abbott IR, Rekate H. Incidence and management of subdural hematoma/hygroma with variable- and fixed-pressure differential valves: a randomized, controlled study of programmable compared with conventional valves. , , , , , , . Neurosurg Focus. 1999 Oct 15;7(4):e7. PubMed PMID: 16918220.

977: Piatt JH Jr. A pitfall in the diagnosis of child abuse: external hydrocephalus, subdural hematoma, and retinal hemorrhages. Neurosurg Focus. 1999 Oct 15;7(4):e4. PubMed PMID: 16918219.

978: Teo C, Young R 2nd. Endoscopic management of hydrocephalus secondary to tumors of the posterior third ventricle. Neurosurg Focus. 1999 Oct 15;7(4):e2. PubMed PMID: 16918218.

979: McAllister JP 2nd, Wood AS, Johnson MJ, Connelly RW, Skarupa DJ, Secic M, Luciano MG, Harris NG, Jones HC. Decreased c-fos expression in experimental neonatal hydrocephalus: evidence for

reduced neuronal activation. *Neurosurg Focus*. 1999 Oct 15;7(4):e13. PubMed PMID: 16918217.

980: Chang CC, Kuwana N, Ito S, Ikegami T. Response of cerebral blood flow and cerebrovascular reactivity to acetazolamide in patients with dementia and idiopathic normal-pressure hydrocephalus. *Neurosurg Focus*. 1999 Oct 15;7(4):e10. PubMed PMID: 16918216.

981: Kamada K, Moller M, Saguer M, Ganslandt O, Kaltenhauser M, Kober H, Vieth J. A combined study of tumor-related brain lesions by using magnetoencephalography and 1H magnetic resonance spectroscopic imaging. Technical note. *Neurosurg Focus*. 1999 Nov 15;7(5):ecp2. PubMed PMID: 16918215.

982: Francel PC, Stevens FA, Tompkins P, Pollay M. The importance of shunt valve position in flow characteristics of the Medtronic PS Medical Delta valve. *Neurosurg Focus*. 1999 Nov 15;7(5):ecp1. PubMed PMID: 16918214.

983: Miyake S, Tamaki N, Nagashima T, Kurata H, Eguchi T, Kimura H. Idiopathic spinal cord herniation. Report of two cases and review of the literature. *Neurosurg Focus*. 1999 Nov 15;7(5):e6. PubMed PMID: 16918213.

984: Foley KT, Smith MM, Rampersaud YR. Microendoscopic approach to far-lateral lumbar disc herniation. *Neurosurg Focus*. 1999 Nov 15;7(5):e5. PubMed PMID: 16918212.

985: Dickman CA, Mican CA. Multilevel anterior thoracic discectomies and anterior interbody fusion by using a microsurgical thoracoscopic approach. Case report. *Neurosurg Focus*. 1999 Nov 15;7(5):e3. PubMed PMID: 16918211.

986: Dickman CA. Thoracoscopic correction and placement of anterior instrumentation for scoliotic deformity. Case report. *Neurosurg Focus*. 1999 Nov 15;7(5):e2. PubMed PMID: 16918210.

987: Muhlbauer M, Pfisterer W, Eyb R, Knosp E. Minimally invasive retroperitoneal approach for lumbar corpectomy and reconstruction. Technical note. *Neurosurg Focus*. 1999 Dec 15;7(6):e4. PubMed PMID: 16918209.

988: Samudrala S Department Of Neurosurgery University Of Southern California Medical School Los Angeles California And Department Of Neurosurgery University Of Florida Medical School Gainesville Florida, Khoo LT, Rhim SC, Fessler RG. Complications during anterior surgery of the lumbar spine: an anatomically based study and review. *Neurosurg Focus*. 1999 Dec 15;7(6):e9. PubMed PMID: 16918208.

989: McLaughlin MR, Zhang JY, Subach BR, Haid RW Jr, Rodts GE Jr. Laparoscopic anterior lumbar interbody fusion. Technical note. *Neurosurg Focus*. 1999 Dec 15;7(6):e8. PubMed PMID: 16918207.

990: Rauzzino MJ, Shaffrey CI, Nockels RP, Wiggins GC, Rock J, Wagner J. Anterior lumbar fusion with titanium threaded and mesh interbody cages. *Neurosurg Focus*. 1999 Dec 15;7(6):e7. PubMed PMID: 16918206.

991: Detwiler PW, Porter RW, Crawford NR, Apostolides PJ, Dickman CA. Lumbosacral junction fixation and fusion after complete L-5 spondylectomy. Case report. *Neurosurg Focus*. 1999 Dec 15;7(6):e3. PubMed PMID: 16918205.

992: La Rosa G, Germano A, Conti A, Cacciola F, Caruso G, Tomasello F. Posterior fusion and implantation of the SOCON-SRI system in the treatment of adult spondylolisthesis. *Neurosurg Focus*. 1999 Dec 15;7(6):e2. PubMed PMID: 16918204.

- 993: Arnold PM, Strang RD, Roussel D. Efficacy of variable-angle screws in transpedicular fixation. *Neurosurg Focus*. 1999 Dec 15;7(6):e1. PubMed PMID: 16918203.
- 994: Moreno JA, Mesalles E, Gener J, Tomasa A, Ley A, Roca J, Fernández-Llamazares J. Evaluating the outcome of severe head injury with transcranial Doppler ultrasonography. *Neurosurg Focus*. 2000 Jan 15;8(1):e8. PubMed PMID: 16906703.
- 995: Kamano S. Are steroids really ineffective for severely head injured patients? *Neurosurg Focus*. 2000 Jan 15;8(1):e7. Review. PubMed PMID: 16906702.
- 996: Kraus JF, Peek-Asa C, McArthur D. The independent effect of gender on outcomes following traumatic brain injury: a preliminary investigation. *Neurosurg Focus*. 2000 Jan 15;8(1):e5. PubMed PMID: 16906701.
- 997: Larson PS, Reisner A, Morassutti DJ, Abdulhadi B, Harpring JE. Traumatic intracranial aneurysms. *Neurosurg Focus*. 2000 Jan 15;8(1):e4. Review. PubMed PMID: 16906700.
- 998: Kim KA, Wang MY, Griffith PM, Summers S, Levy ML. Analysis of pediatric head injury from falls. *Neurosurg Focus*. 2000 Jan 15;8(1):e3. PubMed PMID: 16906699.
- 999: Levy ML. Outcome prediction following penetrating craniocerebral injury in a civilian population: aggressive surgical management in patients with admission Glasgow Coma Scale scores of 6 to 15. *Neurosurg Focus*. 2000 Jan 15;8(1):e2. PubMed PMID: 16906698.
- 1000: Aarabi B, Taghipour M, Haghnegahdar A, Farokhi M, Mobley L. Prognostic factors in the occurrence of posttraumatic epilepsy after penetrating head injury suffered during military service. *Neurosurg Focus*. 2000 Jan 15;8(1):e1. PubMed PMID: 16906697.
- 1001: Jane JA Sr. Retraction. *Neurosurg Focus*. 2006;21(1):e17. PubMed PMID: 16886289.
- 1002: Menendez JA, Lilien DL, Nanda A, Polin RS. Use of fluorodeoxyglucose-positron emission tomography for the differentiation of cerebral lesions in patients with acquired immune deficiency syndrome. *Neurosurg Focus*. 2000 Feb 15;8(2):e2. PubMed PMID: 16869549.
- 1003: Juvela S, Porras M, Poussa K. Natural history of unruptured intracranial aneurysms: probability and risk factors for aneurysm rupture. *Neurosurg Focus*. 2000;8(5):Preview 1. PubMed PMID: 16865812.
- 1004: Black P. Cerebrospinal fluid leaks following spinal or posterior fossa surgery: use of fat grafts for prevention and repair. *Neurosurg Focus*. 2000;9(1):e4. PubMed PMID: 16865811.
- 1005: Gruber A, Roessler K, Georgopoulos A, Missbichler A, Bonelli R, Richling B. Evaluation of big endothelin-1 concentrations in serum and ventricular cerebrospinal fluid after early surgical compared with nonsurgical management of ruptured intracranial aneurysms. *Neurosurg Focus*. 2000 May 15;8(5):e6. PubMed PMID: 16859284.
- 1006: Choi JM, Kim CD, Hong KW. Expression of intracellular adhesion molecule-1 linking superoxide to mobilization of granulocytes and macrophages after periarterial blood in rat femoral artery: effect of rebamipide. *Neurosurg Focus*. 2000 May 15;8(5):e5. PubMed PMID: 16859283.
- 1007: Keller E, Steiner T, Fandino J, Schwab S, Hacke W. Changes in cerebral blood flow and oxygen metabolism during moderate hypothermia in patients with severe middle cerebral artery infarction. *Neurosurg Focus*. 2000 May 15;8(5):e4. PubMed PMID: 16859282.

- 1008: Lanzino DJ, Lanzino G. Decompressive craniectomy for space-occupying supratentorial infarction: rationale, indications, and outcome. *Neurosurg Focus*. 2000 May 15;8(5):e3. Review. PubMed PMID: 16859281.
- 1009: Kindler DD, Lopez GA, Worrall BB, Johnston KC. Update on therapies for acute ischemic stroke. *Neurosurg Focus*. 2000 May 15;8(5):e2. Review. PubMed PMID: 16859280.
- 1010: Worrall BB, Johnston KC. Antiplatelet agents, carotid endarterectomy, and perioperative complications. *Neurosurg Focus*. 2000 May 15;8(5):e1. Review. PubMed PMID: 16859279.
- 1011: Datta NN, Chan KY, Kwok JC, Poon CY. Posterior fossa subdural hematoma due to ruptured arteriovenous malformation. Case report. *Neurosurg Focus*. 2000 Jun 15;8(6):ecp1. PubMed PMID: 16859278.
- 1012: Harrop JS, Przybylski GJ. Use of an osteoconductive agent (Norian) in anterior surgical management of odontoid fractures. Technical note. *Neurosurg Focus*. 2000 Jun 15;8(6):e8. PubMed PMID: 16859277.
- 1013: Kuntz C 4th, Mirza SK, Jarell AD, Chapman JR, Shaffrey CI, Newell DW. Type II odontoid fractures in the elderly: early failure of nonsurgical treatment. *Neurosurg Focus*. 2000 Jun 15;8(6):e7. PubMed PMID: 16859276.
- 1014: Harrop JS, Przybylski GJ, Vaccaro AR, Yalamanchili K. Efficacy of anterior odontoid screw fixation in elderly patients with Type II odontoid fractures. *Neurosurg Focus*. 2000 Jun 15;8(6):e6. PubMed PMID: 16859275.
- 1015: Przybylski GJ, Harrop JS, Vaccaro AR. Closed management of displaced Type II odontoid fractures: more frequent respiratory compromise with posteriorly displaced fractures. *Neurosurg Focus*. 2000 Jun 15;8(6):e5. PubMed PMID: 16859274.
- 1016: Harrop JS, Sharan AD, Przybylski GJ. Epidemiology of spinal cord injury after acute odontoid fractures. *Neurosurg Focus*. 2000 Jun 15;8(6):e4. PubMed PMID: 16859273.
- 1017: Shilpakar S, McLaughlin MR, Haid RW Jr, Rodts GE Jr, Subach BR. Management of acute odontoid fractures: operative techniques and complication avoidance. *Neurosurg Focus*. 2000 Jun 15;8(6):e3. PubMed PMID: 16859272.
- 1018: Julien TD, Frankel B, Traynelis VC, Ryken TC. Evidence-based analysis of odontoid fracture management. *Neurosurg Focus*. 2000 Jun 15;8(6):e1. Review. PubMed PMID: 16859271.
- 1019: Ozgen S, Boran BO, Elmaci I, Ture U, Pamir MN. Treatment of the subarachnoid-pleural fistula. Case report. *Neurosurg Focus*. 2000 Jul 15;9(1):ecp1. PubMed PMID: 16859270.
- 1020: Schievink WI. Spontaneous spinal cerebrospinal fluid leaks: a review. *Neurosurg Focus*. 2000 Jul 15;9(1):e8. Review. PubMed PMID: 16859269.
- 1021: Maher CO, Meyer FB, Mokri B. Surgical treatment of spontaneous spinal cerebrospinal fluid leaks. *Neurosurg Focus*. 2000 Jul 15;9(1):e7. Review. PubMed PMID: 16859268.
- 1022: Mokri B. Cerebrospinal fluid volume depletion and its emerging clinical/imaging syndromes. *Neurosurg Focus*. 2000 Jul 15;9(1):e6. Review. PubMed PMID: 16859267.
- 1023: Hawk MW, Kim KD. Review of spinal pseudomeningoceles and cerebrospinal fluid fistulas.

Neurosurg Focus. 2000 Jul 15;9(1):e5. Review. PubMed PMID: 16859266.

1024: Salame K, Segev Y, Fliss DM, Ouaknine GE. Diagnosis and management of posttraumatic oculorrhea. Neurosurg Focus. 2000 Jul 15;9(1):e3. PubMed PMID: 16859265.

1025: Piek J. Surgical treatment of complex traumatic frontobasal lesions: personal experience in 74 patients. Neurosurg Focus. 2000 Jul 15;9(1):e2. PubMed PMID: 16859264.

1026: Friedman JA, Ebersold MJ, Quast LM. Persistent posttraumatic cerebrospinal fluid leakage. Neurosurg Focus. 2000 Jul 15;9(1):e1. PubMed PMID: 16859263.

1027: D'Angelo VA, De Bonis C, Amoroso R, Cali A, D'Agruma L, Guarnieri V, Muscarella LA, Zelante L, Bisceglia M, Scarabino T, Catapano D. Supratentorial cerebral cavernous malformations: clinical, surgical, and genetic involvement. Neurosurg Focus. 2006 Jul 15;21(1):e9. PubMed PMID: 16859262.

1028: Paolini S, Morace R, Di Gennaro G, Picardi A, Grammaldo LG, Meldolesi GN, Quarato PP, Raco A, Esposito V. Drug-resistant temporal lobe epilepsy due to cavernous malformations. Neurosurg Focus. 2006 Jul 15;21(1):e8. PubMed PMID: 16859261.

1029: Awad I, Jabbour P. Cerebral cavernous malformations and epilepsy. Neurosurg Focus. 2006 Jul 15;21(1):e7. Review. PubMed PMID: 16859260.

1030: Gonzalez LF, Lekovic GP, Eschbacher J, Coons S, Porter RW, Spetzler RF. Are cavernous sinus hemangiomas and cavernous malformations different entities? Neurosurg Focus. 2006 Jul 15;21(1):e6. Review. PubMed PMID: 16859259.

1031: Perrini P, Lanzino G. The association of venous developmental anomalies and cavernous malformations: pathophysiological, diagnostic, and surgical considerations. Neurosurg Focus. 2006 Jul 15;21(1):e5. Review. PubMed PMID: 16859258.

1032: Nimjee SM, Powers CJ, Bulsara KR. Review of the literature on de novo formation of cavernous malformations of the central nervous system after radiation therapy . Neurosurg Focus. 2006 Jul 15;21(1):e4. Review. PubMed PMID: 16859257.

1033: Maiuri F, Cappabianca P, Gangemi M, De Caro Mdel B, Esposito F, Pettinato G, de Divitiis O, Mignogna C, Strazzullo V, de Divitiis E. Clinical progression and familial occurrence of cerebral cavernous angiomas: the role of angiogenic and growth factors. Neurosurg Focus. 2006 Jul 15;21(1):e3. PubMed PMID: 16859256.

1034: Dashti SR, Hoffer A, Hu YC, Selman WR. Molecular genetics of familial cerebral cavernous malformations. Neurosurg Focus. 2006 Jul 15;21(1):e2. Review. PubMed PMID: 16859255.

1035: Esposito V, Paolini S, Morace R. Resection of a left insular cavernoma aided by a simple navigational tool. Technical note. Neurosurg Focus. 2006 Jul 15;21(1):e16. PubMed PMID: 16859254.

1036: Pozzati E, Zucchelli M, Marliani AF, Riccioli LA. Bleeding of a familial cerebral cavernous malformation after prophylactic anticoagulation therapy. Case report. Neurosurg Focus. 2006 Jul 15;21(1):e15. PubMed PMID: 16859253.

1037: Lekovic GP, Gonzalez LF, Khurana VG, Spetzler RF. Intraoperative rupture of brainstem cavernous malformation. Case report. Neurosurg Focus. 2006 Jul 15;21(1):e14. PubMed PMID: 16859252.

- 1038: Longatti P, Fiorindi A, Perin A, Baratto V, Martinuzzi A. Cavernoma of the foramen of Monro. Case report and review of the literature. *Neurosurg Focus*. 2006 Jul 15;21(1):e13. PubMed PMID: 16859251.
- 1039: Safavi-Abbasi S, Feiz-Erfan I, Spetzler RF, Kim L, Dogan S, Porter RW, Sonntag VK. Hemorrhage of cavernous malformations during pregnancy and in the peripartum period: causal or coincidence? Case report and review of the literature. *Neurosurg Focus*. 2006 Jul 15;21(1):e12. PubMed PMID: 16859250.
- 1040: de Oliveira JG, Rassi-Neto A, Ferraz FA, Braga FM. Neurosurgical management of cerebellar cavernous malformations. *Neurosurg Focus*. 2006 Jul 15;21(1):e11. PubMed PMID: 16859249.
- 1041: Jallo GI, Freed D, Zareck M, Epstein F, Kothbauer KF. Clinical presentation and optimal management for intramedullary cavernous malformations. *Neurosurg Focus*. 2006 Jul 15;21(1):e10. PubMed PMID: 16859248.
- 1042: Mindea SA, Yang BP, Shenkar R, Bendok B, Batjer HH, Awad IA. Cerebral cavernous malformations: clinical insights from genetic studies. *Neurosurg Focus*. 2006 Jul 15;21(1):e1. Review. PubMed PMID: 16859247.
- 1043: Chang SD, Adler JR Jr. Current treatment of patients with multiple brain metastases. *Neurosurg Focus*. 2000 Aug 15;9(2):e5. Review. PubMed PMID: 16836291.
- 1044: Kondziolka D, Patel A, Lunsford LD, Flickinger JC. Decision making for patients with multiple brain metastases: radiosurgery, radiotherapy, or resection? *Neurosurg Focus*. 2000 Aug 15;9(2):e4. PubMed PMID: 16836290.
- 1045: Chang SD, Lee E, Sakamoto GT, Brown NP, Adler JR Jr. Stereotactic radiosurgery in patients with multiple brain metastases. *Neurosurg Focus*. 2000 Aug 15;9(2):e3. PubMed PMID: 16836289.
- 1046: Cho KH, Hall WA, Gerbi BJ, Higgins PD. The role of radiosurgery for multiple brain metastases. *Neurosurg Focus*. 2000 Aug 15;9(2):e2. PubMed PMID: 16836288.
- 1047: Littlefield TR, Pomatto JK, Kelly KM. Dynamic orthotic cranioplasty: treatment of the older infant. Report of four cases. *Neurosurg Focus*. 2000 Sep 15;9(3):e5. PubMed PMID: 16833256.
- 1048: Johns FR, Jane JA Sr, Lin KY. Surgical approach to posterior skull deformity. *Neurosurg Focus*. 2000 Sep 15;9(3):e4. Review. PubMed PMID: 16833255.
- 1049: Jane JA Jr, Lin KY, Jane JA Sr. Sagittal synostosis. *Neurosurg Focus*. 2000 Sep 15;9(3):e3. Review. PubMed PMID: 16833254.
- 1050: Jimenez DF, Barone CM. Endoscopy-assisted wide-vertex craniectomy, "barrel-stave" osteotomies, and postoperative helmet molding therapy in the early management of sagittal suture craniosynostosis. *Neurosurg Focus*. 2000 Sep 15;9(3):e2. PubMed PMID: 16833253.
- 1051: Akizuki T, Komuro Y, Ohmori K. Distraction osteogenesis for craniosynostosis. *Neurosurg Focus*. 2000 Sep 15;9(3):e1. PubMed PMID: 16833252.
- 1052: Burke TG, Caputy AJ. Treatment of thoracic disc herniation: evolution toward the minimally invasive thoracoscopic technique. *Neurosurg Focus*. 2000 Oct 15;9(4):e9. Review. PubMed PMID: 16833251.

- 1053: Vollmer DG, Simmons NE. Transthoracic approaches to thoracic disc herniations. *Neurosurg Focus*. 2000 Oct 15;9(4):e8. Review. PubMed PMID: 16833250.
- 1054: Kim KD, Babbitz JD, Mimbs J. Imaging-guided costotransversectomy for thoracic disc herniation. *Neurosurg Focus*. 2000 Oct 15;9(4):e7. PubMed PMID: 16833249.
- 1055: Black P. Laminotomy/medial facet approach in the excision of thoracic disc herniation. *Neurosurg Focus*. 2000 Oct 15;9(4):e6. PubMed PMID: 16833248.
- 1056: Jho HD. Endoscopic transpedicular thoracic discectomy. *Neurosurg Focus*. 2000 Oct 15;9(4):e4. PubMed PMID: 16833247.
- 1057: Bilsky MH. Transpedicular approach for thoracic disc herniations. *Neurosurg Focus*. 2000 Oct 15;9(4):e3. PubMed PMID: 16833246.
- 1058: Kalfas IH. Laminectomy for thoracic spinal canal stenosis. *Neurosurg Focus*. 2000 Oct 15;9(4):e2. Review. PubMed PMID: 16833245.
- 1059: Bao QB, Yuan HA. Artificial disc technology. *Neurosurg Focus*. 2000 Oct 15;9(4):e14. Review. PubMed PMID: 16833244.
- 1060: McCormick WE, Will SF, Benzel EC. Surgery for thoracic disc disease. Complication avoidance: overview and management. *Neurosurg Focus*. 2000 Oct 15;9(4):e13. Review. PubMed PMID: 16833243.
- 1061: Chen TC. Surgical outcome for thoracic disc surgery in the postlaminectomy era. *Neurosurg Focus*. 2000 Oct 15;9(4):e12. Review. PubMed PMID: 16833242.
- 1062: Johnson JP, Filler AG, Mc Bride DQ. Endoscopic thoracic discectomy. *Neurosurg Focus*. 2000 Oct 15;9(4):e11. PubMed PMID: 16833241.
- 1063: Das K, Rothberg M. Thoracoscopic surgery: historical perspectives. *Neurosurg Focus*. 2000 Oct 15;9(4):e10. PubMed PMID: 16833240.
- 1064: McInerney J, Ball PA. The pathophysiology of thoracic disc disease. *Neurosurg Focus*. 2000 Oct 15;9(4):e1. Review. PubMed PMID: 16833239.
- 1065: Gunnarsson T, Hillman J. Clinical usefulness of bedside intracranial morphological monitoring: mobile computerized tomography in the neurosurgery intensive care unit. Report of three cases. *Neurosurg Focus*. 2000 Nov 15;9(5):e5. PubMed PMID: 16821757.
- 1066: Friedman JA, Anderson RE, Meyer FB. Techniques of intraoperative cerebral blood flow measurement. *Neurosurg Focus*. 2000 Nov 15;9(5):e4. Review. PubMed PMID: 16821756.
- 1067: Valadka AB, Furuya Y, Hlatky R, Robertson CS. Global and regional techniques for monitoring cerebral oxidative metabolism after severe traumatic brain injury. *Neurosurg Focus*. 2000 Nov 15;9(5):e3. Review. PubMed PMID: 16821755.
- 1068: Sarrafzadeh AS, Sakowitz OW, Callsen TA, Lanksch WR, Unterberg AW. Bedside microdialysis for early detection of cerebral hypoxia in traumatic brain injury. *Neurosurg Focus*. 2000 Nov 15;9(5):e2. PubMed PMID: 16821754.
- 1069: Blount JP, Oakes WJ, Tubbs RS, Humphreys RP. History of surgery for cerebrovascular disease in

children. Part I. Intracranial arterial aneurysms. *Neurosurg Focus*. 2006 Jun 15;20(6):E9. PubMed PMID: 16819817.

1070: Upchurch K, Feng L, Duckwiler GR, Frazee JG, Martin NA, Viñuela F. Nongalenic arteriovenous fistulas: history of treatment and technology. *Neurosurg Focus*. 2006 Jun 15;20(6):E8. PubMed PMID: 16819816.

1071: Reis CV, Safavi-Abbasi S, Zabramski JM, Gusmão SN, Spetzler RF, Preul MC. The history of neurosurgical procedures for moyamoya disease. *Neurosurg Focus*. 2006 Jun 15;20(6):E7. PubMed PMID: 16819815.

1072: Bristol RE, Albuquerque FC, McDougall CG. The evolution of endovascular treatment for intracranial arteriovenous malformations. *Neurosurg Focus*. 2006 Jun 15;20(6):E6. PubMed PMID: 16819814.

1073: Rothoerl RD, Brawanski A. The history and present status of deep hypothermia and circulatory arrest in cerebrovascular surgery. *Neurosurg Focus*. 2006 Jun 15;20(6):E5. PubMed PMID: 16819813.

1074: Rahimi SY, Brown JH, Macomson SD, Jensen MA, Alleyne CH Jr. Evolution of the treatment of cerebral vasospasm. *Neurosurg Focus*. 2006 Jun 15;20(6):E4. PubMed PMID: 16819812.

1075: Plevaya NV, Kalani MY, Steinberg GK, Tse VC. The transition from hunterian ligation to intracranial aneurysm clips: a historical perspective. *Neurosurg Focus*. 2006 Jun 15;20(6):E3. PubMed PMID: 16819811.

1076: Zacharia BE, Mocco J, Komotar RJ, Solomon RA, Quest DO. J. Lawrence Pool, M.D.: a pioneer in vascular neurosurgery. *Neurosurg Focus*. 2006 Jun 15;20(6):E2. PubMed PMID: 16819810.

1077: Blount JP, Oakes WJ, Tubbs RS, Humphreys RP. History of surgery for cerebrovascular disease in children. Part III. Arteriovenous malformations. *Neurosurg Focus*. 2006 Jun 15;20(6):E11. PubMed PMID: 16819809.

1078: Blount JP, Oakes WJ, Tubbs RS, Humphreys RP. History of surgery for cerebrovascular disease in children. Part II. Vein of Galen malformations. *Neurosurg Focus*. 2006 Jun 15;20(6):E10. PubMed PMID: 16819808.

1079: Safavi-Abbasi S, Reis C, Talley MC, Theodore N, Nakaji P, Spetzler RF, Preul MC. Rudolf Ludwig Karl Virchow: pathologist, physician, anthropologist, and politician. Implications of his work for the understanding of cerebrovascular pathology and stroke. *Neurosurg Focus*. 2006 Jun 15;20(6):E1. PubMed PMID: 16819807.

1080: Rock JP, Haines S, Recht L, Bernstein M, Sawaya R, Mikkelsen T, Loeffler J; Guidelines and Outcomes Committee of the American Association of Neurological Surgeons. Practice parameters for the management of single brain metastasis. *Neurosurg Focus*. 2000 Dec 15;9(6):ecp2. PubMed PMID: 16817694.

1081: Savitz MH, Malis LI. Subgaleal shunting: a 20-year experience. *Neurosurg Focus*. 2000 Dec 15;9(6):ecp1. PubMed PMID: 16817693.

1082: Sloan AE, Dansey R, Zamorano L, Barger G, Hamm C, Diaz F, Baynes R, Wood G. Adoptive immunotherapy in patients with recurrent malignant glioma: preliminary results of using autologous whole-tumor vaccine plus granulocyte-macrophage colony-stimulating factor and adoptive transfer of anti-CD3-activated lymphocytes. *Neurosurg Focus*. 2000 Dec 15;9(6):e9. PubMed PMID: 16817692.

1083: Liao LM, Black KL, Martin NA, Sykes SN, Bronstein JM, Jouben-Steele L, Mischel PS, Beldegrun A, Cloughesy TF. Treatment of a patient by vaccination with autologous dendritic cells pulsed with allogeneic major histocompatibility complex class I-matched tumor peptides. Case Report. Neurosurg Focus. 2000 Dec 15;9(6):e8. PubMed PMID: 16817691.

1084: Yamanaka R, Zullo SA, Tanaka R, Ramsey J, Blaese M, Xanthopoulos KG. Induction of a therapeutic antitumor immunological response by intratumoral injection of genetically engineered Semliki Forest virus to produce interleukin-12. Neurosurg Focus. 2000 Dec 15;9(6):e7. PubMed PMID: 16817690.

1085: Broder H, Anderson A, Odesa SK, Kremen TJ, Liao LM. Recombinant adenovirus-transduced dendritic cell immunization in a murine model of central nervous system tumor. Neurosurg Focus. 2000 Dec 15;9(6):e6. PubMed PMID: 16817689.

1086: Kim KU, Vallera DA, Ni HT, Cho KH, Low WC, Hall WA. In vitro efficacy of recombinant diphtheria toxin-murine interleukin-4 immunoconjugate on mouse glioblastoma and neuroblastoma cell lines and the additive effect of radiation. Neurosurg Focus. 2000 Dec 15;9(6):e5. PubMed PMID: 16817688.

1087: Lesniak MS, Sampath P, DiMeco F, Viglione MP, Tyler BM, Pardoll DM, Brem H. Comparative analysis of paracrine immunotherapy in experimental brain tumors. Neurosurg Focus. 2000 Dec 15;9(6):e4. PubMed PMID: 16817687.

1088: Liu Y, Ng K, Lillehei KO. Time course analysis and modulating effects of established brain tumor on active-specific immunotherapy. Neurosurg Focus. 2000 Dec 15;9(6):e3. PubMed PMID: 16817686.

1089: Glick RP, Lichtor T, Cohen EP. Cytokine immunogene therapy. Neurosurg Focus. 2000 Dec 15;9(6):e2. Review. PubMed PMID: 16817685.

1090: Sehgal A, Berger MS. Basic concepts of immunology and neuroimmunology. Neurosurg Focus. 2000 Dec 15;9(6):e1. Review. PubMed PMID: 16817684.

1091: Elmaci I, Dagcinar A, Ozgen S, Ekinci G, Pamir MN. Diastematomyelia and spinal teratoma in an adult. Case report. Neurosurg Focus. 2001 Jan 15;10(1):ecp2. PubMed PMID: 16749761.

1092: Angevin PD, McCormick PC. Retropleural thoracotomy. Technical note. Neurosurg Focus. 2001 Jan 15;10(1):ecp1. PubMed PMID: 16749760.

1093: Iskandar BJ, Fulmer BB, Hadley MN, Oakes WJ. Congenital tethered spinal cord syndrome in adults. Neurosurg Focus. 2001 Jan 15;10(1):e7. PubMed PMID: 16749759.

1094: Pang D. Ventral tethering in split cord malformation. Neurosurg Focus. 2001 Jan 15;10(1):e6. PubMed PMID: 16749758.

1095: Proctor MR, Scott RM. Long-term outcome for patients with split cord malformation. Neurosurg Focus. 2001 Jan 15;10(1):e5. PubMed PMID: 16749757.

1096: Elton S, Oakes WJ. Dermal sinus tracts of the spine. Neurosurg Focus. 2001 Jan 15;10(1):e4. PubMed PMID: 16749756.

1097: Blount JP, Elton S. Spinal lipomas. Neurosurg Focus. 2001 Jan 15;10(1):e3. Review. PubMed PMID: 16749755.

1098: Rauzzino MJ, Tubbs RS, Alexander E 3rd, Grabb PA, Oakes WJ. Spinal neurenteric cysts and their

relation to more common aspects of occult spinal dysraphism. *Neurosurg Focus*. 2001 Jan 15;10(1):e2. PubMed PMID: 16749754.

1099: Warder DE. Tethered cord syndrome and occult spinal dysraphism. *Neurosurg Focus*. 2001 Jan 15;10(1):e1. Review. PubMed PMID: 16749753.

1100: Iacopino DG, Giusa M, Conti A, Cardali S, Tomasello F. Intraoperative microvascular Doppler monitoring of blood flow within a spinal dural arteriovenous fistula: a precious surgical tool. Case report. *Neurosurg Focus*. 2001 Feb 15;10(2):ECP1. PubMed PMID: 16749752.

1101: Kaibara T, Hurlbert RJ, Sutherland GR. Intraoperative magnetic resonance imaging-augmented transoral resection of axial disease. *Neurosurg Focus*. 2001 Feb 15;10(2):E4. PubMed PMID: 16749751.

1102: Tronnier VM, Bonsanto MM, Staubert A, Knauth M, Kunze S, Wirtz CR. Comparison of intraoperative MR imaging and 3D-navigated ultrasonography in the detection and resection control of lesions. *Neurosurg Focus*. 2001 Feb 15;10(2):E3. PubMed PMID: 16749750.

1103: Kim KD, Johnson JP, Babbitz JD. Image-guided thoracic pedicle screw placement: a technical study in cadavers and preliminary clinical experience. *Neurosurg Focus*. 2001 Feb 15;10(2):E2. PubMed PMID: 16749749.

1104: Maher CO, Garrity JA, Meyer FB. Refractory idiopathic intracranial hypertension treated with stereotactically planned ventriculoperitoneal shunt placement. *Neurosurg Focus*. 2001 Feb 15;10(2):E1. PubMed PMID: 16749748.

1105: Tamaki N, Nagashima T, Ehara K, Motooka Y, Barua KK. Surgical approaches and strategies for skull base chordomas. *Neurosurg Focus*. 2001 Mar 15;10(3):E9. PubMed PMID: 16734412.

1106: Harsh G, Ojemann R, Varvares M, Swearingen B, Cheney M, Joseph M. Pedicled rhinotomy for clival chordomas invaginating the brainstem. *Neurosurg Focus*. 2001 Mar 15;10(3):E8. PubMed PMID: 16734411.

1107: Arnautović KI, Al-Mefty O. Surgical seeding of chordomas. *Neurosurg Focus*. 2001 Mar 15;10(3):E7. PubMed PMID: 16734410.

1108: Sawyer JR, Husain M, Al-Mefty O. Identification of isochromosome 1q as a recurring chromosome aberration in skull base chordomas: a new marker for aggressive tumors? *Neurosurg Focus*. 2001 Mar 15;10(3):E6. PubMed PMID: 16734409.

1109: Chang SD, Martin DP, Lee E, Adler JR Jr. Stereotactic radiosurgery and hypofractionated stereotactic radiotherapy for residual or recurrent cranial base and cervical chordomas. *Neurosurg Focus*. 2001 Mar 15;10(3):E5. PubMed PMID: 16734408.

1110: Carpentier A, Blanquet A, George B. Suboccipital and cervical chordomas: radical resection with vertebral artery control. *Neurosurg Focus*. 2001 Mar 15;10(3):E4. PubMed PMID: 16734407.

1111: Sen C, Triana A. Cranial chordomas: results of radical excision. *Neurosurg Focus*. 2001 Mar 15;10(3):E3. PubMed PMID: 16734406.

1112: Sekhar LN, Pranatartiharan R, Chanda A, Wright DC. Chordomas and chondrosarcomas of the skull base: results and complications of surgical management. *Neurosurg Focus*. 2001 Mar 15;10(3):E2. PubMed PMID: 16734405.

- 1113: Lanzino G, Dumont AS, Lopes MB, Laws ER Jr. Skull base chordomas: overview of disease, management options, and outcome. *Neurosurg Focus*. 2001 Mar 15;10(3):E12. Review. PubMed PMID: 16734404.
- 1114: Hug EB. Review of skull base chordomas: prognostic factors and long-term results of proton-beam radiotherapy. *Neurosurg Focus*. 2001 Mar 15;10(3):E11. Review. PubMed PMID: 16734403.
- 1115: DeMonte F, Diaz E Jr, Callender D, Suk I. Transmandibular, circumglossal, retropharyngeal approach for chordomas of the clivus and upper cervical spine. Technical note. *Neurosurg Focus*. 2001 Mar 15;10(3):E10. PubMed PMID: 16734402.
- 1116: Colli BO, Al-Mefty O. Chordomas of the skull base: follow-up review and prognostic factors. *Neurosurg Focus*. 2001 Mar 15;10(3):E1. PubMed PMID: 16734401.
- 1117: La Rosa G, Cacciola F, Conti A, Cardali S, La Torre D, Gambadauro NM, Tomasello F. Posterior fusion compared with posterior interbody fusion in segmental spinal fixation for adult spondylolisthesis. *Neurosurg Focus*. 2001 Apr 15;10(4):E9. PubMed PMID: 16732636.
- 1118: Bruneau M, Nisolle JF, Gilliard C, Gustin T. Anterior cervical interbody fusion with hydroxyapatite graft and plate system. *Neurosurg Focus*. 2001 Apr 15;10(4):E8. PubMed PMID: 16732635.
- 1119: Liu JK, Das K. Posterior fusion of the subaxial cervical spine: indications and techniques. *Neurosurg Focus*. 2001 Apr 15;10(4):E7. Review. PubMed PMID: 16732634.
- 1120: Mizuno J, Nakagawa H. Outcome analysis of anterior decompressive surgery and fusion for cervical ossification of the posterior longitudinal ligament: report of 107 cases and review of the literature. *Neurosurg Focus*. 2001 Apr 15;10(4):E6. PubMed PMID: 16732633.
- 1121: Helm GA, Dayoub H, Jane JA Jr. Gene-based therapies for the induction of spinal fusion. *Neurosurg Focus*. 2001 Apr 15;10(4):E5. Review. PubMed PMID: 16732632.
- 1122: Helm GA, Dayoub H, Jane JA Jr. Bone graft substitutes for the promotion of spinal arthrodesis. *Neurosurg Focus*. 2001 Apr 15;10(4):E4. Review. PubMed PMID: 16732631.
- 1123: Subach BR, Haid RW, Rodts GE, Kaiser MG. Bone morphogenetic protein in spinal fusion: overview and clinical update. *Neurosurg Focus*. 2001 Apr 15;10(4):E3. Review. PubMed PMID: 16732630.
- 1124: Kowalski RJ, Ferrara LA, Benzel EC. Biomechanics of bone fusion. *Neurosurg Focus*. 2001 Apr 15;10(4):E2. Review. PubMed PMID: 16732629.
- 1125: Watts NB. Osteoporotic vertebral fractures. *Neurosurg Focus*. 2001 Apr 15;10(4):E12. Review. PubMed PMID: 16732628.
- 1126: Burkus JK, Foley K, Haid RW, LeHuec JC. Surgical Interbody Research Group—radiographic assessment of interbody fusion devices: fusion criteria for anterior lumbar interbody surgery. *Neurosurg Focus*. 2001 Apr 15;10(4):E11. Review. PubMed PMID: 16732627.
- 1127: Foley KT, Gupta SK, Justis JR, Sherman MC. Percutaneous pedicle screw fixation of the lumbar spine. *Neurosurg Focus*. 2001 Apr 15;10(4):E10. PubMed PMID: 16732626.
- 1128: Kalfas IH. Principles of bone healing. *Neurosurg Focus*. 2001 Apr 15;10(4):E1. Review. PubMed PMID: 16732625.

- 1129: Dumont AS, Boulos PT, Jane JA Jr, Ellegala DB, Newman SA, Jane JA Sr. Cranioorbital fibrous dysplasia: with emphasis on visual impairment and current surgical management. *Neurosurg Focus*. 2001 May 15;10(5):E6. Review. PubMed PMID: 16724829.
- 1130: Boulos PT, Dumont AS, Mandell JW, Jane JA Sr. Meningiomas of the orbit: contemporary considerations. *Neurosurg Focus*. 2001 May 15;10(5):E5. Review. PubMed PMID: 16724828.
- 1131: DeMonte F, Tabrizi P, Culpepper SA, Abi-Said D, Soparkar CN, Patrinely JR. Ophthalmological outcome following orbital resection in anterior and anterolateral skull base surgery. *Neurosurg Focus*. 2001 May 15;10(5):E4. PubMed PMID: 16724827.
- 1132: Cockerham KP, Bejjani GK, Kennerdell JS, Maroon JC. Surgery for orbital tumors. Part II: transorbital approaches. *Neurosurg Focus*. 2001 May 15;10(5):E3. Review. PubMed PMID: 16724826.
- 1133: Bejjani GK, Cockerham KP, Kennerdel JS, Maroon JC. A reappraisal of surgery for orbital tumors. Part I: extraorbital approaches. *Neurosurg Focus*. 2001 May 15;10(5):E2. Review. PubMed PMID: 16724825.
- 1134: Darsaut TE, Lanzino G, Lopes MB, Newman S. An introductory overview of orbital tumors. *Neurosurg Focus*. 2001 May 15;10(5):E1. Review. PubMed PMID: 16724824.
- 1135: Hanbali F, Fuller GN, Leeds NE, Sawaya R. Choroid plexus cyst and chordoid glioma. Report of two cases. *Neurosurg Focus*. 2001 Jun 15;10(6):E5. PubMed PMID: 16724823.
- 1136: Suh DY, Mapstone T. Pediatric supratentorial intraventricular tumors. *Neurosurg Focus*. 2001 Jun 15;10(6):E4. Review. PubMed PMID: 16724822.
- 1137: Kasowski H, Piepmeier JM. Transcallosal approach for tumors of the lateral and third ventricles. *Neurosurg Focus*. 2001 Jun 15;10(6):E3. Review. PubMed PMID: 16724821.
- 1138: Ellenbogen RG. Transcortical surgery for lateral ventricular tumors. *Neurosurg Focus*. 2001 Jun 15;10(6):E2. PubMed PMID: 16724820.
- 1139: Curry WT Jr, Cosgrove GR, Buchbinder BR, Ojemann RG. Resection of a dominant-hemisphere intraventricular meningioma facilitated by functional magnetic resonance imaging. Case report. *Neurosurg Focus*. 2001 Jun 15;10(6):E1. PubMed PMID: 16724819.
- 1140: Erman T, Tuna M, Göçer I, Ildan F, Zeren M, Cetinalp E. Intracranial intraosseous hydatid cyst. Case report and review of literature. *Neurosurg Focus*. 2001 Jul 15;11(1):ECP1. Review. PubMed PMID: 16724818.
- 1141: Hida K, Iwasaki Y. Syringosubarachnoid shunt for syringomyelia associated with Chiari I malformation. *Neurosurg Focus*. 2001 Jul 15;11(1):E7. PubMed PMID: 16724817.
- 1142: Alperin N, Kulkarni K, Loth F, Roitberg B, Foroohar M, Mafee MF, Lichtor T. Analysis of magnetic resonance imaging-based blood and cerebrospinal fluid flow measurements in patients with Chiari I malformation: a system approach. *Neurosurg Focus*. 2001 Jul 15;11(1):E6. PubMed PMID: 16724816.
- 1143: Menick BJ. Phase-contrast magnetic resonance imaging of cerebrospinal fluid flow in the evaluation of patients with Chiari I malformation. *Neurosurg Focus*. 2001 Jul 15;11(1):E5. PubMed PMID: 16724815.
- 1144: Pandey A, Robinson S, Cohen AR. Cerebellar fits in children with Chiari I malformation.

Neurosurg Focus. 2001 Jul 15;11(1):E4. PubMed PMID: 16724814.

1145: Alzate JC, Kothbauer KF, Jallo GI, Epstein FJ. Treatment of Chiari I malformation in patients with and without syringomyelia: a consecutive series of 66 cases. Neurosurg Focus. 2001 Jul 15;11(1):E3. PubMed PMID: 16724813.

1146: Alden TD, Ojemann JG, Park TS. Surgical treatment of Chiari I malformation: indications and approaches. Neurosurg Focus. 2001 Jul 15;11(1):E2. Review. PubMed PMID: 16724812.

1147: Bejjani GK. Definition of the adult Chiari malformation: a brief historical overview. Neurosurg Focus. 2001 Jul 15;11(1):E1. Review. PubMed PMID: 16724811.

1148: Sheehan J, Eischeid A, Saunders R, Pouratian N. Potentiation of neurite outgrowth and reduction of apoptosis by immunosuppressive agents: implications for neuronal injury and transplantation. Neurosurg Focus. 2006 May 15;20(5):E9. PubMed PMID: 16711666.

1149: Senatus PB, Teeple D, McClelland S 3rd, Pullman SL, Yu Q, Ford B, McKhann GM 2nd, Goodman RR. A technique for minimally altering anatomically based subthalamic electrode targeting by microelectrode recording. Neurosurg Focus. 2006 May 15;20(5):E8. PubMed PMID: 16711665.

1150: Zozulya YP, Slin'ko EI, Al-Qashqish II. Spinal arteriovenous malformations: new classification and surgical treatment. Neurosurg Focus. 2006 May 15;20(5):E7. Review. PubMed PMID: 16711664.

1151: Bakay RA. Limits of brain-computer interface. Case report. Neurosurg Focus. 2006 May 15;20(5):E6. PubMed PMID: 16711663.

1152: Sclabassi RJ, Liu Q, Hackworth SA, Justin GA, Sun M. Platform technologies to support brain-computer interfaces. Neurosurg Focus. 2006 May 15;20(5):E5. Review. PubMed PMID: 16711662.

1153: House PA, MacDonald JD, Tresco PA, Normann RA. Acute microelectrode array implantation into human neocortex: preliminary technique and histological considerations. Neurosurg Focus. 2006 May 15;20(5):E4. PubMed PMID: 16711661.

1154: Matsuoka Y, Afshar P, Oh M. On the design of robotic hands for brain-machine interface. Neurosurg Focus. 2006 May 15;20(5):E3. Review. PubMed PMID: 16711660.

1155: Loeb GE, Richmond FJ, Baker LL. The BION devices: injectable interfaces with peripheral nerves and muscles. Neurosurg Focus. 2006 May 15;20(5):E2. Review. PubMed PMID: 16711659.

1156: Machinis TG, Fountas KN. Olivecrona on the development of neurosurgery in the middle of the twentieth century: reflections with the wisdom of today. Neurosurg Focus. 2006 May 15;20(5):E10. PubMed PMID: 16711658.

1157: Slevin JT, Gash DM, Smith CD, Gerhardt GA, Kryscio R, Chebrolu H, Walton A, Wagner R, Young AB. Unilateral intraputamin glial cell line-derived neurotrophic factor in patients with Parkinson disease: response to 1 year each of treatment and withdrawal. Neurosurg Focus. 2006 May 15;20(5):E1. PubMed PMID: 16711657.

1158: Rainov NG, Söling A, Heidecke V. Novel therapies for malignant gliomas: a local affair? Neurosurg Focus. 2006 Apr 15;20(4):E9. Review. PubMed PMID: 16709040.

1159: Jagannathan J, Prevedello DM, Dumont AS, Laws ER. Cellular signaling molecules as therapeutic targets in glioblastoma multiforme. Neurosurg Focus. 2006 Apr 15;20(4):E8. Review. PubMed PMID:

16709039.

1160: Lefranc F, Kiss R. Autophagy, the Trojan horse to combat glioblastomas. *Neurosurg Focus*. 2006 Apr 15;20(4):E7. Review. PubMed PMID: 16709038.

1161: Dehdashti AR, Hegi ME, Regli L, Pica A, Stupp R. New trends in the medical management of glioblastoma multiforme: the role of temozolomide chemotherapy. *Neurosurg Focus*. 2006 Apr 15;20(4):E6. Review. PubMed PMID: 16709037.

1162: Hou LC, Veeravagu A, Hsu AR, Tse VC. Recurrent glioblastoma multiforme: a review of natural history and management options. *Neurosurg Focus*. 2006 Apr 15;20(4):E5. Review. PubMed PMID: 16709036.

1163: Chang SM, Butowski NA, Sneed PK, Garner IV. Standard treatment and experimental targeted drug therapy for recurrent glioblastoma multiforme. *Neurosurg Focus*. 2006 Apr 15;20(4):E4. Review. PubMed PMID: 16709035.

1164: Ashby LS, Ryken TC. Management of malignant glioma: steady progress with multimodal approaches. *Neurosurg Focus*. 2006 Apr 15;20(4):E3. Review. PubMed PMID: 16709034.

1165: Tunici P, Irvin D, Liu G, Yuan X, Zhaohui Z, Ng H, Yu JS. Brain tumor stem cells: new targets for clinical treatments? *Neurosurg Focus*. 2006 Apr 15;20(4):E27. Review. PubMed PMID: 16709033.

1166: Gupta V, Wang W, Sosnowski BA, Hofman FM, Chen TC. Fibroblast growth factor-2-retargeted adenoviral vector for selective transduction of primary glioblastoma multiforme endothelial cells. *Neurosurg Focus*. 2006 Apr 15;20(4):E26. PubMed PMID: 16709032.

1167: Wang W, Tai CK, Kershaw AD, Solly SK, Klatzmann D, Kasahara N, Chen TC. Use of replication-competent retroviral vectors in an immunocompetent intracranial glioma model. *Neurosurg Focus*. 2006 Apr 15;20(4):E25. PubMed PMID: 16709031.

1168: Jensen RL. Hypoxia in the tumorigenesis of gliomas and as a potential target for therapeutic measures. *Neurosurg Focus*. 2006 Apr 15;20(4):E24. Review. PubMed PMID: 16709030.

1169: Hall WA, Valleria DA. Efficacy of antiangiogenic targeted toxins against glioblastoma multiforme. *Neurosurg Focus*. 2006 Apr 15;20(4):E23. PubMed PMID: 16709029.

1170: Charalambous C, Chen TC, Hofman FM. Characteristics of tumor-associated endothelial cells derived from glioblastoma multiforme. *Neurosurg Focus*. 2006 Apr 15;20(4):E22. Review. PubMed PMID: 16709028.

1171: Schönthal AH. Antitumor properties of dimethyl-celecoxib, a derivative of celecoxib that does not inhibit cyclooxygenase-2: implications for glioma therapy. *Neurosurg Focus*. 2006 Apr 15;20(4):E21. Review. PubMed PMID: 16709027.

1172: Gupta V, Su YS, Wang W, Kardosh A, Liebes LF, Hofman FM, Schönthal AH, Chen TC. Enhancement of glioblastoma cell killing by combination treatment with temozolomide and tamoxifen or hypericin. *Neurosurg Focus*. 2006 Apr 15;20(4):E20. PubMed PMID: 16709026.

1173: Chamberlain MC. Treatment options for glioblastoma. *Neurosurg Focus*. 2006 Apr 15;20(4):E19. Review. PubMed PMID: 16709025.

1174: Sonabend AM, Ulasov IV, Han Y, Lesniak MS. Oncolytic adenoviral therapy for glioblastoma

multiforme. Neurosurg Focus. 2006 Apr 15;20(4):E19. Review. PubMed PMID: 16709024.

1175: Aghi M, Chiocca EA. Gene therapy for glioblastoma. Neurosurg Focus. 2006 Apr 15;20(4):E18. Review. PubMed PMID: 16709023.

1176: Crowley RW, Pouratian N, Sheehan JP. Gamma knife surgery for glioblastoma multiforme. Neurosurg Focus. 2006 Apr 15;20(4):E17. Review. PubMed PMID: 16709022.

1177: Litofsky NS, Bauer AM, Kasper RS, Sullivan CM, Dabbous OH; Glioma Outcomes Project Investigators. Image-guided resection of high-grade glioma: patient selection factors and outcome. Neurosurg Focus. 2006 Apr 15;20(4):E16. PubMed PMID: 16709021.

1178: Kunwar S, Chang SM, Prados MD, Berger MS, Sampson JH, Croteau D, Sherman JW, Grahn AY, Shu VS, Dul JL, Husain SR, Joshi BH, Pedain C, Puri RK. Safety of intraparenchymal convection-enhanced delivery of cintredekin besudotox in early-phase studies. Neurosurg Focus. 2006 Apr 15;20(4):E15. PubMed PMID: 16709020.

1179: Sampson JH, Akabani G, Friedman AH, Bigner D, Kunwar S, Berger MS, Bankiewicz KS. Comparison of intratumoral bolus injection and convection-enhanced delivery of radiolabeled antitenascin monoclonal antibodies. Neurosurg Focus. 2006 Apr 15;20(4):E14. PubMed PMID: 16709019.

1180: Vandergrift WA, Patel SJ, Nicholas JS, Varma AK. Convection-enhanced delivery of immunotoxins and radioisotopes for treatment of malignant gliomas. Neurosurg Focus. 2006 Apr 15;20(4):E13. Review. PubMed PMID: 16709018.

1181: Raghavan R, Brady ML, Rodríguez-Ponce MI, Hartlep A, Pedain C, Sampson JH. Convection-enhanced delivery of therapeutics for brain disease, and its optimization. Neurosurg Focus. 2006 Apr 15;20(4):E12. Review. PubMed PMID: 16709017.

1182: Shimamura T, Husain SR, Puri RK. The IL-4 and IL-13 pseudomonas exotoxins: new hope for brain tumor therapy. Neurosurg Focus. 2006 Apr 15;20(4):E11. Review. PubMed PMID: 16709016.

1183: Hall WA, Sherr GT. Convection-enhanced delivery: targeted toxin treatment of malignant glioma. Neurosurg Focus. 2006 Apr 15;20(4):E10. Review. PubMed PMID: 16709015.

1184: Deorah S, Lynch CF, Sibenaller ZA, Ryken TC. Trends in brain cancer incidence and survival in the United States: Surveillance, Epidemiology, and End Results Program, 1973 to 2001. Neurosurg Focus. 2006 Apr 15;20(4):E1. PubMed PMID: 16709014.

1185: Teo C. Complete endoscopic removal of colloid cysts: issues of safety and efficacy. Neurosurg Focus. 1999 Apr 15;6(4):e9. PubMed PMID: 16681363.

1186: Bergsneider M. Endoscopic removal of cysticercal cysts within the fourth ventricle: technique and results. Neurosurg Focus. 1999 Apr 15;6(4):e8. PubMed PMID: 16681362.

1187: Bergsneider M, Holly LT, Lee JH, King WA, Frazee JG. Endoscopic management of cysticercal cysts within the lateral and third ventricles. Neurosurg Focus. 1999 Apr 15;6(4):e7. PubMed PMID: 16681361.

1188: Gangemi M, Maiuri F, Colella G, Sardo L. Endoscopic surgery for intracranial cerebrospinal fluid cyst malformations. Neurosurg Focus. 1999 Apr 15;6(4):e6. PubMed PMID: 16681360.

- 1189: Gaab MR, Schroeder HW. Neuroendoscopic approach to intraventricular lesions. *Neurosurg Focus*. 1999 Apr 15;6(4):e5. PubMed PMID: 16681359.
- 1190: Schroeder HW, Warzok RW, Assaf JA, Gaab MR. Fatal subarachnoid hemorrhage after endoscopic third ventriculostomy. Case report. *Neurosurg Focus*. 1999 Apr 15;6(4):e4. PubMed PMID: 16681358.
- 1191: Cinalli G, Sainte-Rose C, Chumas P, Zerah M, Brunelle F, Lot G, Pierre-Kahn A, Renier D. Failure of third ventriculostomy in the treatment of aqueductal stenosis in children. *Neurosurg Focus*. 1999 Apr 15;6(4):e3. PubMed PMID: 16681357.
- 1192: Buxton N. Neuroendoscopic third ventriculostomy. *Neurosurg Focus*. 1999 Apr 15;6(4):e2. PubMed PMID: 16681356.
- 1193: Goksu N, Bayazit Y, Kemaloglu Y. Endoscopy of the posterior fossa and endoscopic dissection of acoustic neuroma. *Neurosurg Focus*. 1999 Apr 15;6(4):e15. PubMed PMID: 16681355.
- 1194: Oka K, Kin Y, Go Y, Hirakawa K, Tomonaga M, Inoue T, Yoshioka S. Neuroendoscopic approach to tectal tumors: a consecutive series. *Neurosurg Focus*. 1999 Apr 15;6(4):e14. PubMed PMID: 16681354.
- 1195: Vloeberghs M, Cartmill M. Improved safety of neuroendoscopic third ventriculostomy by using an operative Doppler ultrasound probe. Technical note. *Neurosurg Focus*. 1999 Apr 15;6(4):e13. PubMed PMID: 16681353.
- 1196: Chen JC, Levy ML, Corber Z, Assifi MM. Concurrent three dimensional neuroendoscopy: initial descriptions of application to clinical practice. *Neurosurg Focus*. 1999 Apr 15;6(4):e12. PubMed PMID: 16681352.
- 1197: Levy ML, Chen JC, Amar AP, Yamada S, Togo K, Iizuka Y, Assifi MM. Virtual endoscopic environments in modern neurosurgical practice. *Neurosurg Focus*. 1999 Apr 15;6(4):e11. PubMed PMID: 16681351.
- 1198: Seki Y, Umezaki H, Usui M, Tsumanuma T, Nakatate K. "Picture-in-picture" endoscopic images in the microscope. *Neurosurg Focus*. 1999 Apr 15;6(4):e10. PubMed PMID: 16681350.
- 1199: Schroeder HW, Gaab MR. Intracranial endoscopy. *Neurosurg Focus*. 1999 Apr 15;6(4):e1. PubMed PMID: 16681349.
- 1200: Erkan K, Unal F, Kiris T, Karalar T. Treatment of terminal syringomyelia in association with tethered cord syndrome: clinical outcomes with and without syrinx drainage. *Neurosurg Focus*. 2000 Mar 15;8(3):E9. PubMed PMID: 16676932.
- 1201: Holly LT, Johnson JP, Masciopinto JE, Batzdorf U. Treatment of posttraumatic syringomyelia with extradural decompressive surgery. *Neurosurg Focus*. 2000 Mar 15;8(3):E8. PubMed PMID: 16676931.
- 1202: Batzdorf U. Primary spinal syringomyelia: a personal perspective. *Neurosurg Focus*. 2000 Mar 15;8(3):E7. PubMed PMID: 16676930.
- 1203: Ellenbogen RG, Armonda RA, Shaw DW, Winn HR. Toward a rational treatment of Chiari I malformation and syringomyelia. *Neurosurg Focus*. 2000 Mar 15;8(3):E6. PubMed PMID: 16676929.
- 1204: Fischbein NJ, Dillon WP, Cobbs C, Weinstein PR. The "presyrinx" state: is there a reversible

myelopathic condition that may precede syringomyelia? Neurosurg Focus. 2000 Mar 15;8(3):E4. PubMed PMID: 16676927.

1205: Pinna G, Alessandrini F, Alfieri A, Rossi M, Bricolo A. Cerebrospinal fluid flow dynamics study in Chiari I malformation: implications for syrinx formation. Neurosurg Focus. 2000 Mar 15;8(3):E3. PubMed PMID: 16676926.

1206: Stoodley MA, Jones NR, Yang L, Brown CJ. Mechanisms underlying the formation and enlargement of noncommunicating syringomyelia: experimental studies. Neurosurg Focus. 2000 Mar 15;8(3):E2. PubMed PMID: 16676925.

1207: Speer MC, George TM, Enterline DS, Franklin A, Wolpert CM, Milhorat TH. A genetic hypothesis for Chiari I malformation with or without syringomyelia. Neurosurg Focus. 2000 Mar 15;8(3):E12. PubMed PMID: 16676924.

1208: Todor DR, Mu HT, Milhorat TH. Pain and syringomyelia: a review. Neurosurg Focus. 2000 Mar 15;8(3):E11. Review. PubMed PMID: 16676923.

1209: Gezen F, Kahraman S, Ziyal IM, Canakçi Z, Bakir A. Application of syringosubarachnoid shunt through key-hole laminectomy. Technical note. Neurosurg Focus. 2000 Mar 15;8(3):E10. PubMed PMID: 16676922.

1210: Milhorat TH. Classification of syringomyelia. Neurosurg Focus. 2000 Mar 15;8(3):E1. PubMed PMID: 16676921.

1211: Hornyak M, Rovit RL, Simon AS, Couldwell WT. Irving S. Cooper and the early surgical management of movement disorders. Video history. Neurosurg Focus. 2001 Aug 15;11(2):E6. PubMed PMID: 16602679.

1212: Sarrafzadeh AS, Sarafian N, von Gladiss A, Unterberg AW, Lanksch WR. Ibn Sina (Avicenna). Historical note. Neurosurg Focus. 2001 Aug 15;11(2):E5. PubMed PMID: 16602678.

1213: Louw DF, Asfora WT, Sutherland GR. A brief history of aneurysm clips. Neurosurg Focus. 2001 Aug 15;11(2):E4. PubMed PMID: 16602677.

1214: Stein SC. Brief history of surgical timing: surgery for ruptured intracranial aneurysms. Neurosurg Focus. 2001 Aug 15;11(2):E3. PubMed PMID: 16602676.

1215: Johnston I. The historical development of the pseudotumor concept. Neurosurg Focus. 2001 Aug 15;11(2):E2. PubMed PMID: 16602675.

1216: Lifshutz JI, Johnson WD. History of hydrocephalus and its treatments. Neurosurg Focus. 2001 Aug 15;11(2):E1. PubMed PMID: 16602674.

1217: Bhatoe HS, Singh P, Dutta V. Intraventricular meningiomas: a clinicopathological study and review. Neurosurg Focus. 2006 Mar 15;20(3):E9. Review. PubMed PMID: 16599425.

1218: Houten JK, Post NH, Dryer JW, Errico TJ. Clinical and radiographically/neuroimaging documented outcome in transforaminal lumbar interbody fusion. Neurosurg Focus. 2006 Mar 15;20(3):E8. PubMed PMID: 16599424.

1219: Beringer WF, Mobasser JP, Karahalios D, Potts EA. Anterior transvertebral interbody cage with posterior transdiscal pedicle screw instrumentation for high-grade spondylolisthesis. Technical note.

Neurosurg Focus. 2006 Mar 15;20(3):E7. PubMed PMID: 16599423.

1220: Holly LT, Schwender JD, Rouben DP, Foley KT. Minimally invasive transforaminal lumbar interbody fusion: indications, technique, and complications. Neurosurg Focus. 2006 Mar 15;20(3):E6. Review. PubMed PMID: 16599422.

1221: Tuttle J, Shakir A, Choudhri HF. Paramedian approach for transforaminal lumbar interbody fusion with unilateral pedicle screw fixation. Technical note and preliminary report on 47 cases. Neurosurg Focus. 2006 Mar 15;20(3):E5. PubMed PMID: 16599421.

1222: Beringer WF, Mobasser JP. Unilateral pedicle screw instrumentation for minimally invasive transforaminal lumbar interbody fusion. Neurosurg Focus. 2006 Mar 15;20(3):E4. PubMed PMID: 16599420.

1223: Powers CJ, Podichetty VK, Isaacs RE. Placement of percutaneous pedicle screws without imaging guidance. Neurosurg Focus. 2006 Mar 15;20(3):E3. PubMed PMID: 16599419.

1224: Sehati N, Khoo LT, Holly LT. Treatment of lumbar synovial cysts using minimally invasive surgical techniques. Neurosurg Focus. 2006 Mar 15;20(3):E2. PubMed PMID: 16599418.

1225: Couldwell WT, Kan P, Weiss MH. Simple closure following transsphenoidal surgery. Technical note. Neurosurg Focus. 2006 Mar 15;20(3):E11. PubMed PMID: 16599417.

1226: Deutsch H, Musacchio MJ Jr. Minimally invasive transforaminal lumbar interbody fusion with unilateral pedicle screw fixation. Neurosurg Focus. 2006 Mar 15;20(3):E10. PubMed PMID: 16599416.

1227: Choudhri HF, Perling LH. Diagnosis and management of juxtafacet cysts. Neurosurg Focus. 2006 Mar 15;20(3):E1. Review. PubMed PMID: 16599415.

1228: Wakefield AE, Steinmetz MP, Benzel EC. Biomechanics of thoracic discectomy. Neurosurg Focus. 2001 Sep 15;11(3):E6. PubMed PMID: 16519426.

1229: Brown JA. Motor cortex stimulation. Neurosurg Focus. 2001 Sep 15;11(3):E5. Review. PubMed PMID: 16519425.

1230: Mogilner AY, Rezai AR. Epidural motor cortex stimulation with functional imaging guidance. Neurosurg Focus. 2001 Sep 15;11(3):E4. PubMed PMID: 16519424.

1231: Pirotte B, Voordecker P, Joffroy F, Massager N, Wikler D, Baleriaux D, Levivier M, Brotchi J. The Zeiss-MKM system for frameless image-guided approach in epidural motor cortex stimulation for central neuropathic pain. Neurosurg Focus. 2001 Sep 15;11(3):E3. PubMed PMID: 16519423.

1232: Smith H, Joint C, Schlugman D, Nandi D, Stein JF, Aziz TZ. Motor cortex stimulation for neuropathic pain. Neurosurg Focus. 2001 Sep 15;11(3):E2. PubMed PMID: 16519422.

1233: Saitoh Y, Hirano S, Kato A, Kishima H, Hirata M, Yamamoto K, Yoshimine T. Motor cortex stimulation for deafferentation pain. Neurosurg Focus. 2001 Sep 15;11(3):E1. PubMed PMID: 16519421.

1234: Gandhi CD, Post KD. Historical movements in transsphenoidal surgery. Neurosurg Focus. 2001 Oct 15;11(4):E7. PubMed PMID: 16519420.

1235: Kerr ME, Weber BB, Sereika SM, Wilberger J, Marion DW. Dose response to cerebrospinal fluid

drainage on cerebral perfusion in traumatic brain-injured adults. *Neurosurg Focus*. 2001 Oct 15;11(4):E1. PubMed PMID: 16519419.

1236: Jagannathan J, Prevedello DM, Ayer VS, Dumont AS, Jane JA Jr, Laws ER. Computer-assisted frameless stereotaxy in transsphenoidal surgery at a single institution: review of 176 cases. *Neurosurg Focus*. 2006 Feb 15;20(2):E9. PubMed PMID: 16512660.

1237: Lekovic GP, Mariwalla NR, Horn EM, Chang S, Rekate HL, Theodore N. Skeletal dysplasia involving the subaxial cervical spine. Report of two cases and review of the literature. *Neurosurg Focus*. 2006 Feb 15;20(2):E8. Review. PubMed PMID: 16512659.

1238: Fassett DR, McCall T, Brockmeyer DL. Odontoid synchondrosis fractures in children. *Neurosurg Focus*. 2006 Feb 15;20(2):E7. Review. PubMed PMID: 16512658.

1239: Fountas KN, Kapsalaki EZ, Robinson JS. Cervical epidural hematoma in children: a rare clinical entity. Case report and review of the literature. *Neurosurg Focus*. 2006 Feb 15;20(2):E6. Review. PubMed PMID: 16512657.

1240: McCall T, Fassett D, Brockmeyer D. Cervical spine trauma in children: a review. *Neurosurg Focus*. 2006 Feb 15;20(2):E5. Review. PubMed PMID: 16512656.

1241: Baron EM, Loftus CM, Vaccaro AR, Dominique DA. Anterior approach to the subaxial cervical spine in children: a brief review. *Neurosurg Focus*. 2006 Feb 15;20(2):E4. Review. PubMed PMID: 16512655.

1242: Anderson RC, Kan P, Hansen KW, Brockmeyer DL. Cervical spine clearance after trauma in children. *Neurosurg Focus*. 2006 Feb 15;20(2):E3. PubMed PMID: 16512654.

1243: Fassett DR, Clark R, Brockmeyer DL, Schmidt MH. Cervical spine deformity associated with resection of spinal cord tumors. *Neurosurg Focus*. 2006 Feb 15;20(2):E2. Review. PubMed PMID: 16512653.

1244: Dogan S, Safavi-Abbasi S, Theodore N, Horn E, Rekate HL, Sonntag VK. Pediatric subaxial cervical spine injuries: origins, management, and outcome in 51 patients. *Neurosurg Focus*. 2006 Feb 15;20(2):E1. PubMed PMID: 16512652.

1245: Erman T, Tuna M, Göçer AI, İdan F, Akgül E, Zorludemir S. Postoperative radicular neuroma. Case report. *Neurosurg Focus*. 2001 Nov 15;11(5):ecp. PubMed PMID: 16466240.

1246: McInerney J, Gould DA, Birkmeyer JD, Harbaugh RE. Decision analysis for small, asymptomatic intracranial arteriovenous malformations. *Neurosurg Focus*. 2001 Nov 15;11(5):e7. Review. PubMed PMID: 16466239.

1247: Dehdashti AR, Muster M, Reverdin A, de Tribolet N, Ruefenacht DA. Preoperative silk suture embolization of cerebral and dural arteriovenous malformations. *Neurosurg Focus*. 2001 Nov 15;11(5):e6. PubMed PMID: 16466238.

1248: Hashimoto T, Young WL. Anesthesia-related considerations for cerebral arteriovenous malformations. *Neurosurg Focus*. 2001 Nov 15;11(5):e5. Review. PubMed PMID: 16466237.

1249: Lazar RM. Neuropsychological function and brain arteriovenous malformations: redefining eloquence as a risk for treatment. *Neurosurg Focus*. 2001 Nov 15;11(5):e4. Review. PubMed PMID: 16466236.

1250: Riina HA, Gobin YP. Grading and surgical planning for intracranial arteriovenous malformations. *Neurosurg Focus*. 2001 Nov 15;11(5):e3. Review. PubMed PMID: 16466235.

1251: Bambakidis NC, Sunshine JL, Faulhaber PF, Tarr RW, Selman WR, Ratcheson RA. Functional evaluation of arteriovenous malformations. *Neurosurg Focus*. 2001 Nov 15;11(5):e2. Review. PubMed PMID: 16466234.

1252: Stapf C, Mohr JP, Pile-Spellman J, Solomon RA, Sacco RL, Connolly ES Jr. Epidemiology and natural history of arteriovenous malformations. *Neurosurg Focus*. 2001 Nov 15;11(5):e1. Review. PubMed PMID: 16466233.

1253: Pilitsis JG, Rengachary SS. The role of vertebroplasty in metastatic spinal disease. *Neurosurg Focus*. 2001 Dec 15;11(6):e9. Review. PubMed PMID: 16464001.

1254: Ryken TC, Meeks SL, Traynelis V, Haller J, Bouchet LG, Bova FJ, Pennington EC, Buatti JM. Ultrasonographic guidance for spinal extracranial radiosurgery: technique and application for metastatic spinal lesions. *Neurosurg Focus*. 2001 Dec 15;11(6):e8. PubMed PMID: 16464000.

1255: Bilsky MH, Yenice K, Lovelock M, Yamada J. Stereotactic intensity-modulation radiation therapy for vertebral body and paraspinal tumors. *Neurosurg Focus*. 2001 Dec 15;11(6):e7. PubMed PMID: 16463999.

1256: Murphy MJ, Chang S, Gibbs I, Le QT, Martin D, Kim D. Image-guided radiosurgery in the treatment of spinal metastases. *Neurosurg Focus*. 2001 Dec 15;11(6):e6. PubMed PMID: 16463998.

1257: Kalfas IH. Image-guided spinal navigation: application to spinal metastases. *Neurosurg Focus*. 2001 Dec 15;11(6):e5. Review. PubMed PMID: 16463997.

1258: Wiggins GC, Mirza S, Bellabarba C, West GA, Chapman JR, Shaffrey CI. Perioperative complications with costotransversectomy and anterior approaches to thoracic and thoracolumbar tumors. *Neurosurg Focus*. 2001 Dec 15;11(6):e4. PubMed PMID: 16463996.

1259: Schuster JM, Grady MS. Medical management and adjuvant therapies in spinal metastatic disease. *Neurosurg Focus*. 2001 Dec 15;11(6):e3. Review. PubMed PMID: 16463995.

1260: Steinmetz MP, Mekhail A, Benzel EC. Management of metastatic tumors of the spine: strategies and operative indications. *Neurosurg Focus*. 2001 Dec 15;11(6):e2. Review. PubMed PMID: 16463994.

1261: Jacobs WB, Perrin RG. Evaluation and treatment of spinal metastases: an overview. *Neurosurg Focus*. 2001 Dec 15;11(6):e10. Review. PubMed PMID: 16463993.

1262: Heary RF, Bono CM. Metastatic spinal tumors. *Neurosurg Focus*. 2001 Dec 15;11(6):e1. Review. PubMed PMID: 16463992.

1263: Marotta N, Cosar M, Pimenta L, Khoo LT. A novel minimally invasive presacral approach and instrumentation technique for anterior L5-S1 intervertebral discectomy and fusion: technical description and case presentations. *Neurosurg Focus*. 2006 Jan 15;20(1):E9. PubMed PMID: 16459999.

1264: Dimopoulos VG, Fountas KN, Robinson JS. Familial intracranial ependymomas. Report of three cases in a family and review of the literature. *Neurosurg Focus*. 2006 Jan 15;20(1):E8. Review. PubMed PMID: 16459998.

1265: Wang VY, Chang EF, Barbaro NM. Focal cortical dysplasia: a review of pathological features,

genetics, and surgical outcome. *Neurosurg Focus*. 2006 Jan 15;20(1):E7. Review. PubMed PMID: 16459997.

1266: Robinson S, Cohen AR. Cowden disease and Lhermitte-Duclos disease: an update. Case report and review of the literature. *Neurosurg Focus*. 2006 Jan 15;20(1):E6. Review. PubMed PMID: 16459996.

1267: Clarke MJ, Foy AB, Wetjen N, Raffel C. Imaging characteristics and growth of subependymal giant cell astrocytomas. *Neurosurg Focus*. 2006 Jan 15;20(1):E5. PubMed PMID: 16459995.

1268: Piedimonte LR, Wailes IK, Weiner HL. Tuberous sclerosis complex: molecular pathogenesis and animal models. *Neurosurg Focus*. 2006 Jan 15;20(1):E4. Review. Retraction in: *Jane JA Sr. Neurosurg Focus*. 2006;21(1):e17. PubMed PMID: 16459994.

1269: McCall T, Chin SS, Salzman KL, Fuhs DW. Tuberous sclerosis: a syndrome of incomplete tumor suppression. *Neurosurg Focus*. 2006 Jan 15;20(1):E3. Review. PubMed PMID: 16459993.

1270: Al-Otibi M, Rutka JT. Neurosurgical implications of neurofibromatosis Type I in children. *Neurosurg Focus*. 2006 Jan 15;20(1):E2. Review. PubMed PMID: 16459992.

1271: Biegel JA. Molecular genetics of atypical teratoid/rhabdoid tumor. *Neurosurg Focus*. 2006 Jan 15;20(1):E11. Review. PubMed PMID: 16459991.

1272: Kamaly-Asl ID, Shams N, Taylor MD. Genetics of choroid plexus tumors. *Neurosurg Focus*. 2006 Jan 15;20(1):E10. Review. PubMed PMID: 16459990.

1273: Murovic JA, Kim DH, Kline DG. Neurofibromatosis-associated nerve sheath tumors. Case report and review of the literature. *Neurosurg Focus*. 2006 Jan 15;20(1):E1. Review. PubMed PMID: 16459989.

1274: Cheng JS, Sanchez-Mejia RO, Limbo M, Ward MM, Barbaro NM. Management of medically refractory trigeminal neuralgia in patients with multiple sclerosis. *Neurosurg Focus*. 2005 May 15;18(5):e13. PubMed PMID: 16419978.

1275: Sanchez-Mejia RO, Limbo M, Cheng JS, Camara J, Ward MM, Barbaro NM. Recurrent or refractory trigeminal neuralgia after microvascular decompression, radiofrequency ablation, or radiosurgery. *Neurosurg Focus*. 2005 May 15;18(5):e12. PubMed PMID: 16419977.

1276: Amini A, Schmidt RH. Endoscopic third ventriculostomy in a series of 36 adult patients. *Neurosurg Focus*. 2005 Dec 15;19(6):E9. Review. PubMed PMID: 16398486.

1277: Ray P, Jallo GI, Kim RY, Kim BS, Wilson S, Kothbauer K, Abbott R. Endoscopic third ventriculostomy for tumor-related hydrocephalus in a pediatric population. *Neurosurg Focus*. 2005 Dec 15;19(6):E8. PubMed PMID: 16398485.

1278: Greenfield JP, Souweidane MM. Endoscopic management of intracranial cysts. *Neurosurg Focus*. 2005 Dec 15;19(6):E7. PubMed PMID: 16398484.

1279: Murad GJ, Clayman M, Seagle MB, White S, Perkins LA, Pincus DW. Endoscopic-assisted repair of craniosynostosis. *Neurosurg Focus*. 2005 Dec 15;19(6):E6. PubMed PMID: 16398483.

1280: Baron EM, Levene HB, Heller JE, Jallo JI, Loftus CM, Dominique DA. Neuroendoscopy for spinal disorders: a brief review. *Neurosurg Focus*. 2005 Dec 15;19(6):E5. Review. PubMed PMID: 16398482.

- 1281: Amini A, Beisse R, Schmidt MH. Thoracoscopic spine surgery for decompression and stabilization of the anterolateral thoracolumbar spine. *Neurosurg Focus*. 2005 Dec 15;19(6):E4. Review. PubMed PMID: 16398481.
- 1282: Doglietto F, Prevedello DM, Jane JA Jr, Han J, Laws ER Jr. Brief history of endoscopic transsphenoidal surgery—from Philipp Bozzini to the First World Congress of Endoscopic Skull Base Surgery. *Neurosurg Focus*. 2005 Dec 15;19(6):E3. Review. PubMed PMID: 16398480.
- 1283: Jane JA Jr, Han J, Prevedello DM, Jagannathan J, Dumont AS, Laws ER Jr. Perspectives on endoscopic transsphenoidal surgery. *Neurosurg Focus*. 2005 Dec 15;19(6):E2. Review. PubMed PMID: 16398479.
- 1284: Helm GA, Gazit Z. Future uses of mesenchymal stem cells in spine surgery. *Neurosurg Focus*. 2005 Dec 15;19(6):E13. Review. PubMed PMID: 16398478.
- 1285: Longatti P, Basaldella L, Feletti A, Fiorindi A, Billeci D. Endoscopic navigation of the fourth ventricle. Technical note and preliminary experience. *Neurosurg Focus*. 2005 Dec 15;19(6):E12. Review. PubMed PMID: 16398477.
- 1286: Jallo GI, Kothbauer KF, Abbott IR. Endoscopic third ventriculostomy. *Neurosurg Focus*. 2005 Dec 15;19(6):E11. Review. PubMed PMID: 16398476.
- 1287: Bogнар L, Markia B, Novak L. Retrospective analysis of 400 neuroendoscopic interventions: the Hungarian experience. *Neurosurg Focus*. 2005 Dec 15;19(6):E10. PubMed PMID: 16398475.
- 1288: Li KW, Nelson C, Suk I, Jallo GI. Neuroendoscopy: past, present, and future. *Neurosurg Focus*. 2005 Dec 15;19(6):E1. Review. PubMed PMID: 16398474.
- 1289: Ragel BT, Jensen RL. Molecular genetics of meningiomas. *Neurosurg Focus*. 2005 Nov 15;19(5):E9. Review. PubMed PMID: 16398473.
- 1290: Piedimonte LR, Wailes IK, Weiner HL. Medulloblastoma: mouse models and novel targeted therapies based on the Sonic hedgehog pathway. *Neurosurg Focus*. 2005 Nov 15;19(5):E8. Review. PubMed PMID: 16398472.
- 1291: Fults DW. Modeling medulloblastoma with genetically engineered mice. *Neurosurg Focus*. 2005 Nov 15;19(5):E7. Review. PubMed PMID: 16398471.
- 1292: Rutledge MH, Rouleau GA. Role of the neurofibromatosis type 2 gene in the development of tumors of the nervous system. *Neurosurg Focus*. 2005 Nov 15;19(5):E6. Review. PubMed PMID: 16398470.
- 1293: Wrensch M, Fisher JL, Schwartzbaum JA, Bondy M, Berger M, Aldape KD. The molecular epidemiology of gliomas in adults. *Neurosurg Focus*. 2005 Nov 15;19(5):E5. Review. PubMed PMID: 16398469.
- 1294: Jagannathan J, Dumont AS, Prevedello DM, Lopes B, Oskouian RJ, Jane JA Jr, Laws ER Jr. Genetics of pituitary adenomas: current theories and future implications. *Neurosurg Focus*. 2005 Nov 15;19(5):E4. Review. Retraction in: *Jane JA Sr. Neurosurg Focus*. 2011;30(2):E4r. PubMed PMID: 16398468.
- 1295: Li MH, Bouffet E, Hawkins CE, Squire JA, Huang A. Molecular genetics of supratentorial primitive neuroectodermal tumors and pineoblastoma. *Neurosurg Focus*. 2005 Nov 15;19(5):E3. Review.

PubMed PMID: 16398467.

1296: Nutt CL. Molecular genetics of oligodendrogliomas: a model for improved clinical management in the field of neurooncology. *Neurosurg Focus*. 2005 Nov 15;19(5):E2. Review. PubMed PMID: 16398466.

1297: Hamlat A, Saikali S, Chaperon J, Le Calve M, Gedouin D, Ben-Hassel M, Guegan Y. Oligodendroglioma: clinical study and survival analysis correlated with chromosomal anomalies. *Neurosurg Focus*. 2005 Nov 15;19(5):E15. PubMed PMID: 16398465.

1298: Bauer AM, Mueller DM, Oró JJ. Arachnoid cyst resulting in tonsillar herniation and syringomyelia in a patient with achondroplasia. Case report. *Neurosurg Focus*. 2005 Nov 15;19(5):E14. Review. PubMed PMID: 16398464.

1299: McClelland S 3rd, Kim B, Winfield LM, Ford B, Edwards TA, Pullman SL, Yu Q, McKhann GM 2nd, Goodman RR. Microelectrode recording-determined subthalamic nucleus length not predictive of stimulation-induced side effects. *Neurosurg Focus*. 2005 Nov 15;19(5):E13. PubMed PMID: 16398463.

1300: McClelland S 3rd, Ford B, Senatus PB, Winfield LM, Du YE, Pullman SL, Yu Q, Frucht SJ, McKhann GM 2nd, Goodman RR. Subthalamic stimulation for Parkinson disease: determination of electrode location necessary for clinical efficacy. *Neurosurg Focus*. 2005 Nov 15;19(5):E12. PubMed PMID: 16398462.

1301: Prevedello DM, Jagannathan J, Jane JA Jr, Lopes MB, Laws ER Jr. Relevance of high Ki-67 in pituitary adenomas. Case report and review of the literature. *Neurosurg Focus*. 2005 Nov 15;19(5):E11. Review. PubMed PMID: 16398461.

1302: Lindsey JC, Anderton JA, Lusher ME, Clifford SC. Epigenetic events in medulloblastoma development. *Neurosurg Focus*. 2005 Nov 15;19(5):E10. Review. PubMed PMID: 16398460.

1303: Bayani J, Pandita A, Squire JA. Molecular cytogenetic analysis in the study of brain tumors: findings and applications. *Neurosurg Focus*. 2005 Nov 15;19(5):E1. Review. PubMed PMID: 16398459.

1304: Jane JA Sr. Retraction. *Neurosurg Focus*. 2011 Feb;30(2):E4r. PubMed PMID: 21322744.

1305: Kirkpatrick DB. What do neurosurgeons actually do? A statistical analysis of one neurosurgeon's entire career. *Neurosurg Focus*. 2005 Oct 15;19(4):E9. PubMed PMID: 16241111.

1306: Rovin RA, Winn R. Pokemon expression in malignant glioma: an application of bioinformatics methods. *Neurosurg Focus*. 2005 Oct 15;19(4):E8. PubMed PMID: 16241110.

1307: Stein SC. Using bioinformatics to keep "pay for performance" fair: a modest proposal. *Neurosurg Focus*. 2005 Oct 15;19(4):E7. PubMed PMID: 16241109.

1308: Piatt JH Jr. Detected and overlooked cervical spine injury among comatose trauma patients: from the Pennsylvania Trauma Outcomes Study. *Neurosurg Focus*. 2005 Oct 15;19(4):E6. PubMed PMID: 16241108.

1309: Barker FG 2nd, Carter BS. Synthesizing medical evidence: systematic reviews and metaanalyses. *Neurosurg Focus*. 2005 Oct 15;19(4):E5. Review. PubMed PMID: 16241107.

1310: Vincent DJ, Hurd MW. Bioinformatics and functional magnetic resonance imaging in clinical populations: practical aspects of data collection, analysis, interpretation, and management.

Neurosurg Focus. 2005 Oct 15;19(4):E4. Review. PubMed PMID: 16241106.

1311: Wiesner SM, Freese A, Ohlfest JR. Emerging concepts in glioma biology: implications for clinical protocols and rational treatment strategies. Neurosurg Focus. 2005 Oct 15;19(4):E3. Review. PubMed PMID: 16241105.

1312: Ritchie MD. Bioinformatics approaches for detecting gene-gene and gene-environment interactions in studies of human disease. Neurosurg Focus. 2005 Oct 15;19(4):E2. Review. PubMed PMID: 16241104.

1313: Sibenaller ZA, Etame AB, Ali MM, Barua M, Braun TA, Casavant TL, Ryken TC. Genetic characterization of commonly used glioma cell lines in the rat animal model system. Neurosurg Focus. 2005 Oct 15;19(4):E1. PubMed PMID: 16241103.

1314: Shiraishi T, Yato Y. New double-door laminoplasty procedure for the axis to preserve all muscular attachments to the spinous process: technical note. Neurosurg Focus. 2002 Jan 15;12(1):E9. PubMed PMID: 16212336.

1315: Mummaneni PV, Haid RW, Traynelis VC, Sasso RC, Subach BR, Fiore AJ, Rodts GE. Posterior cervical fixation using a new polyaxial screw and rod system: technique and surgical results. Neurosurg Focus. 2002 Jan 15;12(1):E8. PubMed PMID: 16212335.

1316: Resnick DK. Anterior cervicothoracic junction corpectomy and plate fixation without sternotomy. Neurosurg Focus. 2002 Jan 15;12(1):E7. PubMed PMID: 16212334.

1317: Stokes JK, Villavicencio AT, Liu PC, Bray RS, Johnson JP. Posterior atlantoaxial stabilization: new alternative to C1-2 transarticular screws. Neurosurg Focus. 2002 Jan 15;12(1):E6. PubMed PMID: 16212333.

1318: Fiore AJ, Haid RW, Rodts GE, Subach BR, Mummaneni PV, Riedel CJ, Birch BD. Atlantal lateral mass screws for posterior spinal reconstruction: technical note and case series. Neurosurg Focus. 2002 Jan 15;12(1):E5. PubMed PMID: 16212332.

1319: Bärlocher CB, Barth A, Krauss JK, Binggeli R, Seiler RW. Comparative evaluation of microdiscectomy only, autograft fusion, polymethylmethacrylate interposition, and threaded titanium cage fusion for treatment of single-level cervical disc disease: a prospective randomized study in 125 patients. Neurosurg Focus. 2002 Jan 15;12(1):E4. PubMed PMID: 16212331.

1320: Assietti R, Beretta F, Arienta C. Two-level anterior cervical discectomy and cage-assisted fusion without plates. Neurosurg Focus. 2002 Jan 15;12(1):E3. PubMed PMID: 16212330.

1321: Zevgaridis D, Thomé C, Krauss JK. Prospective controlled study of rectangular titanium cage fusion compared with iliac crest autograft fusion in anterior cervical discectomy. Neurosurg Focus. 2002 Jan 15;12(1):E2. PubMed PMID: 16212329.

1322: Haid RW, Foley KT, Rodts GE, Barnes B. The Cervical Spine Study Group anterior cervical plate nomenclature. Neurosurg Focus. 2002 Jan 15;12(1):E15. Review. PubMed PMID: 16212328.

1323: Wang MY, Levi AD. Ganglionectomy of C-2 for the treatment of medically refractory occipital neuralgia. Neurosurg Focus. 2002 Jan 15;12(1):E14. Review. PubMed PMID: 16212327.

1324: Barnes B, Haid RW, Rodts GE, Subach BR, Kaiser M. Early results using the Atlantis anterior cervical plate system. Neurosurg Focus. 2002 Jan 15;12(1):E13. PubMed PMID: 16212326.

1325: Mizuno J, Nakagawa H. Anterior decompression for cervical spondylosis associated with an early form of cervical ossification of the posterior longitudinal ligament. *Neurosurg Focus*. 2002 Jan 15;12(1):E12. PubMed PMID: 16212325.

1326: Kalfas IH. Role of corpectomy in cervical spondylosis. *Neurosurg Focus*. 2002 Jan 15;12(1):E11. Review. PubMed PMID: 16212324.

1327: Webb KM, Kaptain G, Sheehan J, Jane JA Sr. Pediculotomy as an adjunct to posterior cervical hemilaminectomy, foraminotomy, and discectomy. *Neurosurg Focus*. 2002 Jan 15;12(1):E10. PubMed PMID: 16212323.

1328: Salame K, Ouaknine GE, Razon N, Rochkind S. The use of carbon fiber cages in anterior cervical interbody fusion: report of 100 cases. *Neurosurg Focus*. 2002 Jan 15;12(1):E1. PubMed PMID: 16212322.

1329: Nandi D, Parkin S, Scott R, Winter JL, Joint C, Gregory R, Stein J, Aziz TZ. Camptocormia treated with bilateral pallidal stimulation: case report. *Neurosurg Focus*. 2002 Feb 15;12(2):ECP2. PubMed PMID: 16212321.

1330: Olivero WC, Dulebohn SC. Results of halter cervical traction for the treatment of cervical radiculopathy: retrospective review of 81 patients. *Neurosurg Focus*. 2002 Feb 15;12(2):ECP1. PubMed PMID: 16212320.

1331: Engelhard HH. Current diagnosis and treatment of oligodendroglioma. *Neurosurg Focus*. 2002 Feb 15;12(2):E2. Review. PubMed PMID: 16212319.

1332: Lopes MB, Laws ER Jr. Low-grade central nervous system tumors. *Neurosurg Focus*. 2002 Feb 15;12(2):E1. Review. PubMed PMID: 16212318.

1333: Tani E. Molecular mechanisms involved in development of cerebral vasospasm. *Neurosurg Focus*. 2002 Mar 15;12(3):ECP1. Review. PubMed PMID: 16212317.

1334: Moores LE. Weapons of mass destruction and the role of the neurosurgeon. *Neurosurg Focus*. 2002 Mar 15;12(3):E6. PubMed PMID: 16212316.

1335: Wiseman DB, Ellenbogen R, Shaffrey CI. Triage for the neurosurgeon. *Neurosurg Focus*. 2002 Mar 15;12(3):E5. Review. PubMed PMID: 16212315.

1336: Neal CJ, Moores LE. Weapons of mass destruction: radiation. *Neurosurg Focus*. 2002 Mar 15;12(3):E4. Review. PubMed PMID: 16212314.

1337: McCafferty RR, Lennarson PJ. Common chemical agent threats. *Neurosurg Focus*. 2002 Mar 15;12(3):E3. Review. PubMed PMID: 16212313.

1338: Moquin RR, Moquin ME. Weapons of mass destruction: biological. *Neurosurg Focus*. 2002 Mar 15;12(3):E2. Review. PubMed PMID: 16212312.

1339: Moores LE. Threat credibility and weapons of mass destruction. *Neurosurg Focus*. 2002 Mar 15;12(3):E1. Review. PubMed PMID: 16212311.

1340: Ausman JI, Pawl RP. What neurosurgeons should do to succeed in tomorrow's scientific and socioeconomic environment. *Neurosurg Focus*. 2002 Apr 15;12(4):e9. PubMed PMID: 16212310.

1341: Scarrow AM. Physician reimbursement under Medicare. *Neurosurg Focus*. 2002 Apr 15;12(4):e8. PubMed PMID: 16212309.

1342: Tibbs RE Jr, Pelofsky S, Friedman ES, Blaylock K. Physician ownership of specialty spine hospitals. *Neurosurg Focus*. 2002 Apr 15;12(4):e7. PubMed PMID: 16212308.

1343: Moquin RR, Ecklund JM. Socioeconomic issues of United States military neurosurgery. *Neurosurg Focus*. 2002 Apr 15;12(4):e6. PubMed PMID: 16212307.

1344: Stein SC, Burnett MG. Decision analysis to estimate cost effectiveness in neurosurgery. *Neurosurg Focus*. 2002 Apr 15;12(4):e5. PubMed PMID: 16212306.

1345: Popp AJ, Scrima T, Cohen BR, Feustel PJ, Petronis K, Habiniak S, Waldman JB, Vosburgh MM. Factors affecting profitability for craniotomy. *Neurosurg Focus*. 2002 Apr 15;12(4):e4. PubMed PMID: 16212305.

1346: Przybylski GJ. Understanding and applying a resource-based relative value system to your neurosurgical practice. *Neurosurg Focus*. 2002 Apr 15;12(4):e3. Review. PubMed PMID: 16212304.

1347: Bean JR. Valuing neurosurgery services: part II. The interdependence of Current Procedural Terminology and federal Medicare payment policy. *Neurosurg Focus*. 2002 Apr 15;12(4):e2. Review. PubMed PMID: 16212303.

1348: Kusske JA. Neurosurgical practice in the current regulatory environment. *Neurosurg Focus*. 2002 Apr 15;12(4):e11. Review. PubMed PMID: 16212302.

1349: Wohns RN. What is a "fair salary" for a surgical subspecialist? *Neurosurg Focus*. 2002 Apr 15;12(4):e10. PubMed PMID: 16212301.

1350: Bean JR. Valuing neurosurgery services: part I. The historical development and interrelationships of current procedural terminology and the medicare fee schedule. *Neurosurg Focus*. 2002 Apr 15;12(4):e1. Review. PubMed PMID: 16212300.

1351: Sivan M. Metastases from nonfunctioning pituitary carcinomas. *Neurosurg Focus*. 2005 Sep 15;19(3):E11; author reply E11. PubMed PMID: 16196164.

1352: Binder DK, Lu DC, Barbaro NM. Multiple root avulsions from the brachial plexus. Case illustration. *Neurosurg Focus*. 2005 Sep 15;19(3):E9. PubMed PMID: 16190608.

1353: Villavicencio AT, Oskouian RJ, Roberson C, Stokes J, Park J, Shaffrey CI, Johnson JP. Thoracolumbar vertebral reconstruction after surgery for metastatic spinal tumors: long-term outcomes. *Neurosurg Focus*. 2005 Sep 15;19(3):E8. PubMed PMID: 16190607.

1354: Chi JH, Manley GT, Chou D. Pregnancy-related vertebral hemangioma. Case report, review of the literature, and management algorithm. *Neurosurg Focus*. 2005 Sep 15;19(3):E7. Review. PubMed PMID: 16190606.

1355: Uzzaman M, Benveniste RJ, Keller G, Germano IM. Embryonic stem cell-derived astrocytes: a novel gene therapy vector for brain tumors. *Neurosurg Focus*. 2005 Sep 15;19(3):E6. PubMed PMID: 16190605.

1356: Ehteshami M, Stevenson CB, Thompson RC. Stem cell therapies for malignant glioma. *Neurosurg Focus*. 2005 Sep 15;19(3):E5. Review. PubMed PMID: 16190604.

1357: Acosta FL Jr, Lotz J, Ames CP. The potential role of mesenchymal stem cell therapy for intervertebral disc degeneration: a critical overview. *Neurosurg Focus*. 2005 Sep 15;19(3):E4. Review. PubMed PMID: 16190603.

1358: Vadivelu S, Becker D, McDonald JW. Generating chimeric spinal cord: a novel model for transplantable oligodendrocyte progenitors derived from embryonic stem cells. *Neurosurg Focus*. 2005 Sep 15;19(3):E3. PubMed PMID: 16190602.

1359: Marquez YD, Wang MY, Liu CY. Cellular signaling in neural stem cells: implications for restorative neurosurgery. *Neurosurg Focus*. 2005 Sep 15;19(3):E2. Review. PubMed PMID: 16190601.

1360: Fountas KN, Smith JR, Jenkins PD, Murro AM. Spontaneous motor cortex encephalocele presenting with simple partial seizures and progressive hemiparesis. Case report and review of the literature. *Neurosurg Focus*. 2005 Sep 15;19(3):E10. Review. PubMed PMID: 16190600.

1361: Bambakidis NC, Theodore N, Nakaji P, Harvey A, Sonntag VK, Preul MC, Miller RH. Endogenous stem cell proliferation after central nervous system injury: alternative therapeutic options. *Neurosurg Focus*. 2005 Sep 15;19(3):E1. Review. PubMed PMID: 16190599.

1362: Liu JK, Couldwell WT. Far-lateral transcondylar approach: surgical technique and its application in neurenteric cysts of the cervicomedullary junction. Report of two cases. *Neurosurg Focus*. 2005 Aug 15;19(2):E9. PubMed PMID: 16122218.

1363: Bambakidis NC, Gonzalez LF, Amin-Hanjani S, Deshmukh VR, Porter RW, Dasgupta PC, Spetzler RF. Combined skull base approaches to the posterior fossa. Technical note. *Neurosurg Focus*. 2005 Aug 15;19(2):E8. PubMed PMID: 16122217.

1364: Erkmén K, Pravdenkova S, Al-Mefty O. Surgical management of petroclival meningiomas: factors determining the choice of approach. *Neurosurg Focus*. 2005 Aug 15;19(2):E7. PubMed PMID: 16122216.

1365: Tummala RP, Coscarella E, Morcos JJ. Transpetrosal approaches to the posterior fossa. *Neurosurg Focus*. 2005 Aug 15;19(2):E6. PubMed PMID: 16122215.

1366: O'Shaughnessy BA, Getch CC, Bendok BR, Batjer HH. Microsurgical resection of infratentorial arteriovenous malformations. *Neurosurg Focus*. 2005 Aug 15;19(2):E5. Review. PubMed PMID: 16122214.

1367: Krayenbühl N, Guerrero C, Krisht AF. Technical strategies to approach aneurysms of the vertebral and posterior inferior cerebellar arteries. *Neurosurg Focus*. 2005 Aug 15;19(2):E4. PubMed PMID: 16122213.

1368: Gonzalez LF, Amin-Hanjani S, Bambakidis NC, Spetzler RF. Skull base approaches to the basilar artery. *Neurosurg Focus*. 2005 Aug 15;19(2):E3. Review. PubMed PMID: 16122212.

1369: Krisht AF. Transcavernous approach to diseases of the anterior upper third of the posterior fossa. *Neurosurg Focus*. 2005 Aug 15;19(2):E2. PubMed PMID: 16122211.

1370: Dimopoulos V, Fountas KN, Machinis TG, Feltes C, Chung I, Johnston K, Robinson JS, Grigorian A. Postoperative cauda equina syndrome in patients undergoing single-level lumbar microdiscectomy. Report of two cases. *Neurosurg Focus*. 2005 Aug 15;19(2):E11. PubMed PMID: 16122210.

1371: Ribas GC, Rhoton AL Jr, Cruz OR, Peace D. Suboccipital burr holes and craniectomies. *Neurosurg*

Focus. 2005 Aug 15;19(2):E1. PubMed PMID: 16122209.

1372: Liu JK, Niazi Z, Couldwell WT. Reconstruction of the skull base after tumor resection: an overview of methods. Neurosurg Focus. 2002 May 15;12(5):e9. Review. PubMed PMID: 16119907.

1373: McGrew BM, Jackson CG, Redtfeldt RA. Lateral skull base malignancies. Neurosurg Focus. 2002 May 15;12(5):e8. PubMed PMID: 16119906.

1374: Origitano TC, Petruzzelli GJ, Vandevender D, Emami B. Management of malignant tumors of the anterior and anterolateral skull base. Neurosurg Focus. 2002 May 15;12(5):e7. PubMed PMID: 16119905.

1375: Pieper DR, LaRouere M, Jackson IT. Operative management of skull base malignancies: choosing the appropriate approach. Neurosurg Focus. 2002 May 15;12(5):e6. Review. PubMed PMID: 16119904.

1376: Jellish WS, Murdoch J, Leonetti JP. Perioperative management of complex skull base surgery: the anesthesiologist's point of view. Neurosurg Focus. 2002 May 15;12(5):e5. Review. PubMed PMID: 16119903.

1377: Oskouian RJ Jr, Jane JA Sr, Dumont AS, Sheehan JM, Laurent JJ, Levine PA. Esthesioneuroblastoma: clinical presentation, radiological, and pathological features, treatment, review of the literature, and the University of Virginia experience. Neurosurg Focus. 2002 May 15;12(5):e4. Review. PubMed PMID: 16119902.

1378: Cohen ZR, Marmor E, Fuller GN, DeMonte F. Misdiagnosis of olfactory neuroblastoma. Neurosurg Focus. 2002 May 15;12(5):e3. Review. PubMed PMID: 16119901.

1379: Marzo SJ, Leonetti JP, Petruzzelli G. Facial paralysis caused by malignant skull base neoplasms. Neurosurg Focus. 2002 May 15;12(5):e2. PubMed PMID: 16119900.

1380: Kryzanski JT, Annino DJ Jr, Heilman CB. Complication avoidance in the treatment of malignant tumors of the skull base. Neurosurg Focus. 2002 May 15;12(5):e11. Review. PubMed PMID: 16119899.

1381: Fliss DM, Gil Z, Spektor S, Leider-Trejo L, Abergel A, Khafif A, Amir A, Gur E, Cohen JT. Skull base reconstruction after anterior subcranial tumor resection. Neurosurg Focus. 2002 May 15;12(5):e10. PubMed PMID: 16119898.

1382: Tsai EC, Santoreneos S, Rutka JT. Tumors of the skull base in children: review of tumor types and management strategies. Neurosurg Focus. 2002 May 15;12(5):e1. Review. PubMed PMID: 16119897.

1383: Luther N, Cohen A, Souweidane MM. Hemorrhagic sequelae from intracranial neuroendoscopic procedures for intraventricular tumors. Neurosurg Focus. 2005 Jul 15;19(1):E9. PubMed PMID: 16078823.

1384: Kassam A, Carrau RL, Snyderman CH, Gardner P, Mintz A. Evolution of reconstructive techniques following endoscopic expanded endonasal approaches. Neurosurg Focus. 2005 Jul 15;19(1):E8. Review. PubMed PMID: 16078822.

1385: Kassam A, Snyderman CH, Carrau RL, Gardner P, Mintz A. Endoneurosurgical hemostasis techniques: lessons learned from 400 cases. Neurosurg Focus. 2005 Jul 15;19(1):E7. PubMed PMID: 16078821.

- 1386: Kassam AB, Gardner P, Snyderman C, Mintz A, Carrau R. Expanded endonasal approach: fully endoscopic, completely transnasal approach to the middle third of the clivus, petrous bone, middle cranial fossa, and infratemporal fossa. *Neurosurg Focus*. 2005 Jul 15;19(1):E6. PubMed PMID: 16078820.
- 1387: Cavallo LM, Messina A, Gardner P, Esposito F, Kassam AB, Cappabianca P, de Divitiis E, Tschabitscher M. Extended endoscopic endonasal approach to the pterygopalatine fossa: anatomical study and clinical considerations. *Neurosurg Focus*. 2005 Jul 15;19(1):E5. PubMed PMID: 16078819.
- 1388: Kassam A, Snyderman CH, Mintz A, Gardner P, Carrau RL. Expanded endonasal approach: the rostrocaudal axis. Part II. Posterior clinoids to the foramen magnum. *Neurosurg Focus*. 2005 Jul 15;19(1):E4. PubMed PMID: 16078818.
- 1389: Kassam A, Snyderman CH, Mintz A, Gardner P, Carrau RL. Expanded endonasal approach: the rostrocaudal axis. Part I. Crista galli to the sella turcica. *Neurosurg Focus*. 2005 Jul 15;19(1):E3. Review. PubMed PMID: 16078817.
- 1390: Cavallo LM, Messina A, Cappabianca P, Esposito F, de Divitiis E, Gardner P, Tschabitscher M. Endoscopic endonasal surgery of the midline skull base: anatomical study and clinical considerations. *Neurosurg Focus*. 2005 Jul 15;19(1):E2. PubMed PMID: 16078816.
- 1391: Lee CM, Watson GA, Leavitt DD. Dynamic collimator optimization compared with fixed collimator angle in arc-based stereotactic radiotherapy: a dosimetric analysis. *Neurosurg Focus*. 2005 Jul 15;19(1):E12. PubMed PMID: 16078815.
- 1392: Purdy PD, Fujimoto T, Replogle RE, Giles BP, Fujimoto H, Miller SL. Percutaneous intraspinal navigation for access to the subarachnoid space: use of another natural conduit for neurosurgical procedures. *Neurosurg Focus*. 2005 Jul 15;19(1):E11. PubMed PMID: 16078814.
- 1393: Mayberg MR, LaPresto E, Cunningham EJ. Image-guided endoscopy: description of technique and potential applications. *Neurosurg Focus*. 2005 Jul 15;19(1):E10. PubMed PMID: 16078813.
- 1394: Maroon JC. Skull base surgery: past, present, and future trends. *Neurosurg Focus*. 2005 Jul 15;19(1):E1. Review. PubMed PMID: 16078812.
- 1395: Heimer L. Instructional video. Dissection of the human brain. *Neurosurg Focus*. 2005 Jun 15;18(6B):E4. PubMed PMID: 16048299.
- 1396: Coppens JR, Mahaney KB, Abdulrauf SI. An anteromedial approach to the temporal horn to avoid injury to the optic radiation fibers and uncinate fasciculus: anatomical and technical note. *Neurosurg Focus*. 2005 Jun 15;18(6B):E3. PubMed PMID: 16048298.
- 1397: Ribas GC, Ribas EC, Rodrigues CJ. The anterior sylvian point and the suprasylvian operculum. *Neurosurg Focus*. 2005 Jun 15;18(6B):E2. PubMed PMID: 16048297.
- 1398: Yaşargil MG, Türe U, Yaşargil DC. Surgical anatomy of supratentorial midline lesions. *Neurosurg Focus*. 2005 Jun 15;18(6B):E1. PubMed PMID: 16048296.
- 1399: Liu JK, Cole CD, Kestle JR, Brockmeyer DL, Walker ML. Cranial base strategies for resection of craniopharyngioma in children. *Neurosurg Focus*. 2005 Jun 15;18(6A):E9. Review. PubMed PMID: 16048295.
- 1400: Chen ML, McComb JG, Krieger MD. Atypical teratoid/rhabdoid tumors of the central nervous

system: management and outcomes. *Neurosurg Focus*. 2005 Jun 15;18(6A):E8. PubMed PMID: 16048294.

1401: Komotar RJ, Mocco J, Jones JE, Zacharia BE, Tihan T, Feldstein NA, Anderson RC. Pilomyxoid astrocytoma: diagnosis, prognosis, and management. *Neurosurg Focus*. 2005 Jun 15;18(6A):E7. Review. PubMed PMID: 16048293.

1402: Jagannathan J, Dumont AS, Jane JA Jr, Laws ER Jr. Pediatric sellar tumors: diagnostic procedures and management. *Neurosurg Focus*. 2005 Jun 15;18(6A):E6. Review. PubMed PMID: 16048292.

1403: Sandberg DI, Ragheb J, Dunoyer C, Bhatia S, Olavarria G, Morrison G. Surgical outcomes and seizure control rates after resection of dysembryoplastic neuroepithelial tumors. *Neurosurg Focus*. 2005 Jun 15;18(6A):E5. PubMed PMID: 16048291.

1404: Krieger MD, Panigrahy A, McComb JG, Nelson MD, Liu X, Gonzalez-Gomez I, Gilles F, Bluml S. Differentiation of choroid plexus tumors by advanced magnetic resonance spectroscopy. *Neurosurg Focus*. 2005 Jun 15;18(6A):E4. PubMed PMID: 16048290.

1405: Luther N, Souweidane MM. Neuroendoscopic resection of posterior third ventricular ependymoma. Case report. *Neurosurg Focus*. 2005 Jun 15;18(6A):E3. PubMed PMID: 16048289.

1406: Li KW, Roonprapunt C, Lawson HC, Abbott IR, Wisoff J, Epstein F, Jallo GI. Endoscopic third ventriculostomy for hydrocephalus associated with tectal gliomas. *Neurosurg Focus*. 2005 Jun 15;18(6A):E2. PubMed PMID: 16048288.

1407: Lee J, Jallo GI, Guarnieri M, Carson BS Sr, Penno MB. A novel brainstem tumor model: guide screw technology with functional, radiological, and histopathological characterization. *Neurosurg Focus*. 2005 Jun 15;18(6A):E11. PubMed PMID: 16048287.

1408: Aryan HE, Ozgur BM, Jandial R, Levy ML. Subfrontal transbasal approach and technique for resection of craniopharyngioma. *Neurosurg Focus*. 2005 Jun 15;18(6A):E10. Review. PubMed PMID: 16048286.

1409: Souweidane MM. Endoscopic management of pediatric brain tumors. *Neurosurg Focus*. 2005 Jun 15;18(6A):E1. PubMed PMID: 16048285.

1410: Yeh DJ, Hessler RB, Lee MR. Leiomyosarcomatous transformation of unknown pediatric primary brainstem lesion following radiotherapy. Case report. *Neurosurg Focus*. 2002 Jun 15;12(6):ecp2. PubMed PMID: 15926790.

1411: Ma J, Song T, Hu W, Muhumuza ME, Zhao W, Yang S, Bai J, Yang H. Reconstruction of the superior sagittal sinus with silicone tubing. *Neurosurg Focus*. 2002 Jun 15;12(6):ecp1. PubMed PMID: 15926789.

1412: Colli BO, Valença MM, Carlotti CG Jr, Machado HR, Assirati JA Jr. Spinal cord cysticercosis: neurosurgical aspects. *Neurosurg Focus*. 2002 Jun 15;12(6):e9. PubMed PMID: 15926788.

1413: Alsina GA, Johnson JP, McBride DQ, Rhoten PR, Mehringer CM, Stokes JK. Spinal neurocysticercosis. *Neurosurg Focus*. 2002 Jun 15;12(6):e8. PubMed PMID: 15926787.

1414: Gravori T, Steineke T, Bergsneider M. Endoscopic removal of cisternal neurocysticercal cysts. Technical note. *Neurosurg Focus*. 2002 Jun 15;12(6):e7. PubMed PMID: 15926786.

- 1415: Citow JS, Johnson JP, McBride DQ, Ammirati M. Imaging features and surgery-related outcomes in intraventricular neurocysticercosis. *Neurosurg Focus*. 2002 Jun 15;12(6):e6. PubMed PMID: 15926785.
- 1416: Cuetter AC, Andrews RJ. Intraventricular neurocysticercosis: 18 consecutive patients and review of the literature. *Neurosurg Focus*. 2002 Jun 15;12(6):e5. Review. PubMed PMID: 15926784.
- 1417: Garg RK. Single enhancing computerized tomography-detected lesion in immunocompetent patients. *Neurosurg Focus*. 2002 Jun 15;12(6):e4. Review. PubMed PMID: 15926783.
- 1418: Colli BO, Carlotti CG Jr, Assirati JA Jr, Machado HR, Valença M, Amato MC. Surgical treatment of cerebral cysticercosis: long-term results and prognostic factors. *Neurosurg Focus*. 2002 Jun 15;12(6):e3. PubMed PMID: 15926782.
- 1419: DeGiorgio CM, Houston I, Oviedo S, Sorvillo F. Deaths associated with cysticercosis. Report of three cases and review of the literature. *Neurosurg Focus*. 2002 Jun 15;12(6):e2. Review. PubMed PMID: 15926781.
- 1420: Sheehan JP, Sheehan J, Lopes MB, Jane JA Sr. Intramedullary spinal cysticercosis. Case report and review of the literature. *Neurosurg Focus*. 2002 Jun 15;12(6):e10. Review. PubMed PMID: 15926780.
- 1421: Sotelo J, Del Brutto OH. Review of neurocysticercosis. *Neurosurg Focus*. 2002 Jun 15;12(6):e1. Review. PubMed PMID: 15926779.
- 1422: Kanda M, Tanaka H, Shinoda S, Masuzawa T. Leptomeningeal dissemination of pilocytic astrocytoma via hematoma in a child. Case report. *Neurosurg Focus*. 2002 Jul 15;13(1):ECP2. Review. PubMed PMID: 15916413.
- 1423: Bullock MR, Merchant RE, Choi SC, Gilman CB, Kreutzer JS, Marmarou A, Teasdale GM. Outcome measures for clinical trials in neurotrauma. *Neurosurg Focus*. 2002 Jul 15;13(1):ECP1. Review. PubMed PMID: 15916412.
- 1424: Palmer S, Turner R, Palmer R. Bilateral decompressive surgery in lumbar spinal stenosis associated with spondylolisthesis: unilateral approach and use of a microscope and tubular retractor system. *Neurosurg Focus*. 2002 Jul 15;13(1):E4. PubMed PMID: 15916411.
- 1425: Heary RF, Bono CM. Circumferential fusion for spondylolisthesis in the lumbar spine. *Neurosurg Focus*. 2002 Jul 15;13(1):E3. Review. PubMed PMID: 15916410.
- 1426: Rengachary SS, Balabhandra R. Reduction of spondylolisthesis. *Neurosurg Focus*. 2002 Jul 15;13(1):E2. PubMed PMID: 15916409.
- 1427: Ganju A. Isthmic spondylolisthesis. *Neurosurg Focus*. 2002 Jul 15;13(1):E1. Review. PubMed PMID: 15916408.
- 1428: Epstein N. Ossification of the cervical posterior longitudinal ligament: a review. *Neurosurg Focus*. 2002 Aug 15;13(2):ECP1. Review. PubMed PMID: 15916407.
- 1429: Sheehan JP, Helm GA, Sheehan JM, Jane JA Sr. Stress fracture of the pedicle after extensive decompression and contralateral posterior fusion for lumbar stenosis. Report of three cases. *Neurosurg Focus*. 2002 Aug 15;13(2):E9. PubMed PMID: 15916406.

- 1430: Angevine PD, McCormick PC. Outcomes research and lumbar discectomy. *Neurosurg Focus*. 2002 Aug 15;13(2):E8. Review. PubMed PMID: 15916405.
- 1431: Welch WC, Gerszten PC. Alternative strategies for lumbar discectomy: intradiscal electrothermy and nucleoplasty. *Neurosurg Focus*. 2002 Aug 15;13(2):E7. Review. PubMed PMID: 15916404.
- 1432: Feltes C, Fountas K, Davydov R, Dimopoulos V, Robinson JS Jr. Effects of nerve root retraction in lumbar discectomy. *Neurosurg Focus*. 2002 Aug 15;13(2):E6. PubMed PMID: 15916403.
- 1433: Palmer S. Use of a tubular retractor system in microscopic lumbar discectomy: 1 year prospective results in 135 patients. *Neurosurg Focus*. 2002 Aug 15;13(2):E5. PubMed PMID: 15916402.
- 1434: Park YK, Kim JH, Chung HS. Outcome analysis of patients after ligament-sparing microdiscectomy for lumbar disc herniation. *Neurosurg Focus*. 2002 Aug 15;13(2):E4. PubMed PMID: 15916401.
- 1435: Koebbe CJ, Maroon JC, Abla A, El-Kadi H, Bost J. Lumbar microdiscectomy: a historical perspective and current technical considerations. *Neurosurg Focus*. 2002 Aug 15;13(2):E3. Review. PubMed PMID: 15916400.
- 1436: Baldwin NG. Lumbar disc disease: the natural history. *Neurosurg Focus*. 2002 Aug 15;13(2):E2. Review. PubMed PMID: 15916399.
- 1437: Rengachary SS, Balabhadra RS. Black disc disease: a commentary. *Neurosurg Focus*. 2002 Aug 15;13(2):E14. Review. PubMed PMID: 15916398.
- 1438: Tomecek FJ, Anthony CS, Boxell C, Warren J. Discography interpretation and techniques in the lumbar spine. *Neurosurg Focus*. 2002 Aug 15;13(2):E13. Review. PubMed PMID: 15916397.
- 1439: Resnick DK, Malone DG, Ryken TC. Guidelines for the use of discography for the diagnosis of painful degenerative lumbar disc disease. *Neurosurg Focus*. 2002 Aug 15;13(2):E12. Review. PubMed PMID: 15916396.
- 1440: Bani A, Spetzger U, Gilsbach JM. Indications for and benefits of lumbar facet joint block: analysis of 230 consecutive patients. *Neurosurg Focus*. 2002 Aug 15;13(2):E11. PubMed PMID: 15916395.
- 1441: Traynelis VC. Spinal arthroplasty. *Neurosurg Focus*. 2002 Aug 15;13(2):E10. Review. PubMed PMID: 15916394.
- 1442: Martin MD, Boxell CM, Malone DG. Pathophysiology of lumbar disc degeneration: a review of the literature. *Neurosurg Focus*. 2002 Aug 15;13(2):E1. Review. PubMed PMID: 15916393.
- 1443: Lim M, Villavicencio AT, Burneikiene S, Chang SD, Romanelli P, McNeely L, McIntyre M, Thramann JJ, Adler JR. CyberKnife radiosurgery for idiopathic trigeminal neuralgia. *Neurosurg Focus*. 2005 May 15;18(5):E9. PubMed PMID: 15913285.
- 1444: Jawahar A, Wadhwa R, Berk C, Caldito G, DeLaune A, Ampil F, Willis B, Smith D, Nanda A. Assessment of pain control, quality of life, and predictors of success after gamma knife surgery for the treatment of trigeminal neuralgia. *Neurosurg Focus*. 2005 May 15;18(5):E8. PubMed PMID: 15913284.
- 1445: Kondziolka D, Lunsford LD. Percutaneous retrogasserian glycerol rhizotomy for trigeminal neuralgia: technique and expectations. *Neurosurg Focus*. 2005 May 15;18(5):E7. PubMed PMID:

15913283.

1446: Pollock BE. Comparison of posterior fossa exploration and stereotactic radiosurgery in patients with previously nonsurgically treated idiopathic trigeminal neuralgia. *Neurosurg Focus*. 2005 May 15;18(5):E6. PubMed PMID: 15913282.

1447: Jannetta PJ, McLaughlin MR, Casey KF. Technique of microvascular decompression. Technical note. *Neurosurg Focus*. 2005 May 15;18(5):E5. PubMed PMID: 15913281.

1448: Cole CD, Liu JK, Apfelbaum RI. Historical perspectives on the diagnosis and treatment of trigeminal neuralgia. *Neurosurg Focus*. 2005 May 15;18(5):E4. PubMed PMID: 15913280.

1449: Eller JL, Raslan AM, Burchiel KJ. Trigeminal neuralgia: definition and classification. *Neurosurg Focus*. 2005 May 15;18(5):E3. PubMed PMID: 15913279.

1450: Cohen J. Role of the neurologist in the evaluation and treatment of patients with trigeminal neuralgia. *Neurosurg Focus*. 2005 May 15;18(5):E2. Review. PubMed PMID: 15913278.

1451: Brown JA, Pilitsis JG. Percutaneous balloon compression for the treatment of trigeminal neuralgia: results in 56 patients based on balloon compression pressure monitoring. *Neurosurg Focus*. 2005 May 15;18(5):E10. PubMed PMID: 15913277.

1452: Casey KF. Role of patient history and physical examination in the diagnosis of trigeminal neuralgia. *Neurosurg Focus*. 2005 May 15;18(5):E1. PubMed PMID: 15913276.

1453: Jaganathan J, Petit JH, Lazio BE, Singh SK, Chin LS. Tumor necrosis factor-related apoptosis-inducing ligand-mediated apoptosis in established and primary glioma cell lines. *Neurosurg Focus*. 2002 Sep 15;13(3):ecp1. PubMed PMID: 15844877.

1454: Maksoud YA, Hahn YS, Engelhard HH. Intracranial ependymoma. *Neurosurg Focus*. 2002 Sep 15;13(3):e4. Review. PubMed PMID: 15844876.

1455: Dumont AS, Oskouian RJ Jr, Chow MM, Kassell NF. Surgical management of unruptured basilar artery bifurcation aneurysms. Technical note. *Neurosurg Focus*. 2002 Sep 15;13(3):e3. PubMed PMID: 15844875.

1456: Wang MC, Rubinstein D, Kindt GW, Breeze RE. Prevalence of intracranial aneurysms in first-degree relatives of patients with aneurysms. *Neurosurg Focus*. 2002 Sep 15;13(3):e2. PubMed PMID: 15844874.

1457: Janardhan V, Friedlander R, Riina H, Stieg PE. Identifying patients at risk for postprocedural morbidity after treatment of incidental intracranial aneurysms: the role of aneurysm size and location. *Neurosurg Focus*. 2002 Sep 15;13(3):e1. PubMed PMID: 15844873.

1458: Machinis TG, Fountas KN, Dimopoulos V, Robinson JS. History of acoustic neurinoma surgery. *Neurosurg Focus*. 2005 Apr 15;18(4):e9. Review. PubMed PMID: 15844872.

1459: Mut M, Lopes MB, Shaffrey M, Lucien J. Rubinstein: enduring contributions to neuro-oncology. *Neurosurg Focus*. 2005 Apr 15;18(4):e8. Review. PubMed PMID: 15844871.

1460: Ferguson S, Lesniak MS. Percival Bailey and the classification of brain tumors. *Neurosurg Focus*. 2005 Apr 15;18(4):e7. Review. PubMed PMID: 15844870.

- 1461: Kanter AS, Dumont AS, Asthagiri AR, Oskouian RJ, Jane JA Jr, Laws ER Jr. The transsphenoidal approach. A historical perspective. *Neurosurg Focus*. 2005 Apr 15;18(4):e6. Review. PubMed PMID: 15844869.
- 1462: Bulsara KR, Johnson J, Villavicencio AT. Improvements in brain tumor surgery: the modern history of awake craniotomies. *Neurosurg Focus*. 2005 Apr 15;18(4):e5. Review. PubMed PMID: 15844868.
- 1463: Miller JT, Rahimi SY, Lee M. History of infection control and its contributions to the development and success of brain tumor operations. *Neurosurg Focus*. 2005 Apr 15;18(4):e4. Review. PubMed PMID: 15844867.
- 1464: Vender JR, Miller J, Rekito A, McDonnell DE. Effect of hemostasis and electrosurgery on the development and evolution of brain tumor surgery in the late 19th and early 20th centuries. *Neurosurg Focus*. 2005 Apr 15;18(4):e3. Review. PubMed PMID: 15844866.
- 1465: Voorhees JR, Cohen-Gadol AA, Spencer DD. Early evolution of neurological surgery: conquering increased intracranial pressure, infection, and blood loss. *Neurosurg Focus*. 2005 Apr 15;18(4):e2. Review. PubMed PMID: 15844865.
- 1466: Oertel J, von Buttlar E, Schroeder HW, Gaab MR. Prognosis of gliomas in the 1970s and today. *Neurosurg Focus*. 2005 Apr 15;18(4):e12. PubMed PMID: 15844864.
- 1467: Barker FG 2nd, McDermott MW. Prizes, lectures, and awards of the American Association of Neurological Surgeons/Congress of Neurological Surgeons Section on Tumors. *Neurosurg Focus*. 2005 Apr 15;18(4):e11. Review. PubMed PMID: 15844863.
- 1468: Koerbel A, Gharabaghi A, Safavi-Abbasi S, Tatagiba M, Samii M. Evolution of vestibular schwannoma surgery: the long journey to current success. *Neurosurg Focus*. 2005 Apr 15;18(4):e10. Review. PubMed PMID: 15844862.
- 1469: Kerr PB, Caputy AJ, Horwitz NH. A history of cerebral localization. *Neurosurg Focus*. 2005 Apr 15;18(4):e1. Review. PubMed PMID: 15844861.
- 1470: Silberstein M. Outcome measures for clinical trials in neurotrauma. *Neurosurg Focus*. 2002 Oct 15;13(4):1 p following ecp2; author reply 1 p following ecp2. PubMed PMID: 15806711.
- 1471: Duggal N. Sagittal alignment and the Bryan cervical artificial disk. *Neurosurg Focus*. 2005 Mar 15;18(3):1 p following e11; author reply 1 p following e11. PubMed PMID: 15801146.
- 1472: Sekhon L. Sagittal alignment and the Bryan cervical artificial disk. *Neurosurg Focus*. 2005 Mar 15;18(3):1 p following e11; author reply 1 p following e11. PubMed PMID: 15801145.
- 1473: Cox DM. Complications of cervical spine manipulation therapy: 5-year retrospective study in a single-group practice. *Neurosurg Focus*. 2002 Dec 15;13(6):1 p following ecp1. PubMed PMID: 15801138.
- 1474: Cukiert A, Buratini JA, Machado E, Sousa A, Vieira J, Forster C, Argentoni M, Baldauf C. Seizure-related outcome after corticoamygdalohippocampectomy in patients with refractory temporal lobe epilepsy and mesial temporal sclerosis evaluated by magnetic resonance imaging alone. *Neurosurg Focus*. 2002 Oct 15;13(4):ecp2. PubMed PMID: 15771407.
- 1475: Sato K, Nagata K, Sugita Y. Spinal extradural meningeal cyst: correct radiological and

histopathological diagnosis. Neurosurg Focus. 2002 Oct 15;13(4):ecp1. PubMed PMID: 15771406.

1476: Shah JP, Bilsky MH, Patel SG. Malignant tumors of the skull base. Neurosurg Focus. 2002 Oct 15;13(4):e6. Review. PubMed PMID: 15771405.

1477: Bulsara KR, Fukushima T, Friedman AH. Management of malignant tumors of the anterior skull base: experience with 76 patients. Neurosurg Focus. 2002 Oct 15;13(4):e5. PubMed PMID: 15771404.

1478: Pouratian N, Bookheimer SY, Rex DE, Martin NA, Toga AW. Utility of preoperative functional magnetic resonance imaging for identifying language cortices in patients with vascular malformations. Neurosurg Focus. 2002 Oct 15;13(4):e4. PubMed PMID: 15771403.

1479: Ferrández-Sempere D, Eiras-Ajuria J. How to create vectorial templates for stereotactic functional surgery with Microsoft PowerPoint. Neurosurg Focus. 2002 Oct 15;13(4):e3. PubMed PMID: 15771402.

1480: Gerszten PC, Ozhasoglu C, Burton SA, Kalnicki S, Welch WC. Feasibility of frameless single-fraction stereotactic radiosurgery for spinal lesions. Neurosurg Focus. 2002 Oct 15;13(4):e2. PubMed PMID: 15771401.

1481: Pouratian N, Cannestra AF, Martin NA, Toga AW. Intraoperative optical intrinsic signal imaging: a clinical tool for functional brain mapping. Neurosurg Focus. 2002 Oct 15;13(4):e1. Review. PubMed PMID: 15771400.

1482: Acosta FL Jr, Aryan HE, Taylor WR, Ames CP. Kyphoplasty-augmented short-segment pedicle screw fixation of traumatic lumbar burst fractures: initial clinical experience and literature review. Neurosurg Focus. 2005 Mar 15;18(3):e9. PubMed PMID: 15771399.

1483: Gerszten PC, Germanwala A, Burton SA, Welch WC, Ozhasoglu C, Vogel WJ. Combination kyphoplasty and spinal radiosurgery: a new treatment paradigm for pathological fractures. Neurosurg Focus. 2005 Mar 15;18(3):e8. PubMed PMID: 15771398.

1484: Deen HG, Nottmeier EW. Balloon kyphoplasty for treatment of sacral insufficiency fractures. Report of three cases. Neurosurg Focus. 2005 Mar 15;18(3):e7. PubMed PMID: 15771397.

1485: Deen HG, Aranda-Michel J, Reimer R, Putzke JD. Preliminary results of balloon kyphoplasty for vertebral compression fractures in organ transplant recipients. Neurosurg Focus. 2005 Mar 15;18(3):e6. PubMed PMID: 15771396.

1486: Feltes C, Fountas KN, Machinis T, Nikolakakos LG, Dimopoulos V, Davydov R, Kassam M, Johnston KW, Robinson JS. Immediate and early postoperative pain relief after kyphoplasty without significant restoration of vertebral body height in acute osteoporotic vertebral fractures. Neurosurg Focus. 2005 Mar 15;18(3):e5. PubMed PMID: 15771395.

1487: Ledlie JT, Renfro MB. Decreases in the number and severity of morphometrically defined vertebral deformities after kyphoplasty. Neurosurg Focus. 2005 Mar 15;18(3):e4. PubMed PMID: 15771394.

1488: Villavicencio AT, Burneikiene S, Bulsara KR, Thramann JJ. Intraoperative three-dimensional fluoroscopy-based computerized tomography guidance for percutaneous kyphoplasty. Neurosurg Focus. 2005 Mar 15;18(3):e3. PubMed PMID: 15771393.

1489: Wong W, Mathis JM. Vertebroplasty and kyphoplasty: techniques for avoiding complications and

pitfalls. Neurosurg Focus. 2005 Mar 15;18(3):e2. Review. PubMed PMID: 15771392.

1490: Oskouian RJ, Johnson JP. Endoscopic thoracic microdiscectomy. Neurosurg Focus. 2005 Mar 15;18(3):e11. PubMed PMID: 15771391.

1491: Lam S, Khoo LT. A novel percutaneous system for bone graft delivery and containment for elevation and stabilization of vertebral compression fractures. Technical note. Neurosurg Focus. 2005 Mar 15;18(3):e10. Review. PubMed PMID: 15771390.

1492: Burton AW, Rhines LD, Mendel E. Vertebroplasty and kyphoplasty: a comprehensive review. Neurosurg Focus. 2005 Mar 15;18(3):e1. Review. PubMed PMID: 15771389.

1493: Tuszyński MH, U HS, Alksne J, Bakay RA, Pay MM, Merrill D, Thal LJ. Growth factor gene therapy for Alzheimer disease. Neurosurg Focus. 2002 Nov 15;13(5):e5. Review. PubMed PMID: 15769074.

1494: Hebb AO, Hebb K, Ramachandran AC, Mendez I. Glial cell line-derived neurotrophic factor-supplemented hibernation of fetal ventral mesencephalic neurons for transplantation in Parkinson disease: long-term storage. Neurosurg Focus. 2002 Nov 15;13(5):e4. PubMed PMID: 15769073.

1495: Greene PE, Fahn S. Status of fetal tissue transplantation for the treatment of advanced Parkinson disease. Neurosurg Focus. 2002 Nov 15;13(5):e3. Review. PubMed PMID: 15769072.

1496: Lindvall O, Hagell P. Role of cell therapy in Parkinson disease. Neurosurg Focus. 2002 Nov 15;13(5):e2. Review. PubMed PMID: 15769071.

1497: Kondziolka D, Wechsler L, Tyler-Kabara E, Achim C. The role of cell therapy for stroke. Neurosurg Focus. 2002 Nov 15;13(5):e1. Review. PubMed PMID: 15769070.

1498: Malone DG, Baldwin NG, Tomecek FJ, Boxell CM, Gaede SE, Covington CG, Kugler KK. Complications of cervical spine manipulation therapy: 5-year retrospective study in a single-group practice. Neurosurg Focus. 2002 Dec 15;13(6):ecp1. PubMed PMID: 15766233.

1499: Salerni AA. A minimally invasive approach for posterior lumbar interbody fusion. Neurosurg Focus. 2002 Dec 15;13(6):e6. PubMed PMID: 15766232.

1500: Morone MA, Feuer H. The use of electrical stimulation to enhance spinal fusion. Neurosurg Focus. 2002 Dec 15;13(6):e5. Review. PubMed PMID: 15766231.

1501: Govender PV, Rampersaud YR, Rickards L, Fehlings MG. Use of osteogenic protein-1 in spinal fusion: literature review and preliminary results in a prospective series of high-risk cases. Neurosurg Focus. 2002 Dec 15;13(6):e4. Review. PubMed PMID: 15766230.

1502: Walker DH, Wright NM. Bone morphogenetic proteins and spinal fusion. Neurosurg Focus. 2002 Dec 15;13(6):e3. Review. PubMed PMID: 15766229.

1503: Rengachary SS. Bone morphogenetic proteins: basic concepts. Neurosurg Focus. 2002 Dec 15;13(6):e2. Review. PubMed PMID: 15766228.

1504: Pilitsis JG, Lucas DR, Rengachary SS. Bone healing and spinal fusion. Neurosurg Focus. 2002 Dec 15;13(6):e1. Review. PubMed PMID: 15766227.

1505: Mummaneni PV, Mummaneni VP, Haid RW Jr, Rodts GE Jr, Sasso RC. Cervical osteotomy for the correction of chin-on-chest deformity in ankylosing spondylitis. Technical note. Neurosurg Focus. 2003

Jan 15;14(1):e9. PubMed PMID: 15766226.

1506: Fourney DR, Gokaslan ZL. Spinal instability and deformity due to neoplastic conditions. Neurosurg Focus. 2003 Jan 15;14(1):e8. Review. PubMed PMID: 15766225.

1507: Rosner MK, Polly DW Jr, Kuklo TR, Ondra SL. Thoracic pedicle screw fixation for spinal deformity. Neurosurg Focus. 2003 Jan 15;14(1):e7. Review. PubMed PMID: 15766224.

1508: Fraser JF, Huang RC, Girardi FP, Cammisa FP Jr. Pathogenesis, presentation, and treatment of lumbar spinal stenosis associated with coronal or sagittal spinal deformities. Neurosurg Focus. 2003 Jan 15;14(1):e6. Review. PubMed PMID: 15766223.

1509: Lippman CR, Spence CA, Youssef AS, Cahill DW. Correction of adult scoliosis via a posterior-only approach. Neurosurg Focus. 2003 Jan 15;14(1):e5. PubMed PMID: 15766222.

1510: Misra SN, Morgan HW. Thoracolumbar spinal deformity in achondroplasia. Neurosurg Focus. 2003 Jan 15;14(1):e4. Review. PubMed PMID: 15766221.

1511: Wiggins GC, Shaffrey CI, Abel MF, Menezes AH. Pediatric spinal deformities. Neurosurg Focus. 2003 Jan 15;14(1):e3. Review. PubMed PMID: 15766220.

1512: Schlenk RP, Kowalski RJ, Benzel EC. Biomechanics of spinal deformity. Neurosurg Focus. 2003 Jan 15;14(1):e2. Review. PubMed PMID: 15766219.

1513: Austin RC, Branch CL Jr, Alexander JT. Novel bioabsorbable interbody fusion spacer-assisted fusion for correction of spinal deformity. Neurosurg Focus. 2003 Jan 15;14(1):e11. PubMed PMID: 15766218.

1514: Moquin RR, Rosner MK, Cooper PB. Combined anterior-posterior fusion with laterally placed threaded interbody cages and pedicle screws for Scheuermann kyphosis. Case report and review of the literature. Neurosurg Focus. 2003 Jan 15;14(1):e10. Review. PubMed PMID: 15766217.

1515: Mohan AL, Das K. History of surgery for the correction of spinal deformity. Neurosurg Focus. 2003 Jan 15;14(1):e1. PubMed PMID: 15766216.

1516: Steinmetz MP, Lechner RM, Anderson JS. Atlantooccipital dislocation in children: presentation, diagnosis, and management. Neurosurg Focus. 2003 Feb 15;14(2):ecp1. Review. PubMed PMID: 15727431.

1517: Polly DW Jr, Rosner MK, Monacci W, Moquin RR. Thoracic hemivertebra excision in adults via a posterior-only approach. Report of two cases. Neurosurg Focus. 2003 Feb 15;14(2):e9. PubMed PMID: 15727430.

1518: Zipfel GJ, Guiot BH, Fessler RG. Bone grafting. Neurosurg Focus. 2003 Feb 15;14(2):e8. Review. PubMed PMID: 15727429.

1519: Wang MY, Green BA, Shah S, Vanni S, Levi AD. Complications associated with lumbar stenosis surgery in patients older than 75 years of age. Neurosurg Focus. 2003 Feb 15;14(2):e7. PubMed PMID: 15727428.

1520: Nikas DC, Hartov A, Lunn K, Rick K, Paulsen K, Roberts DW. Coregistered intraoperative ultrasonography in resection of malignant glioma. Neurosurg Focus. 2003 Feb 15;14(2):e6. PubMed PMID: 15727427.

- 1521: Benveniste R, Germano IM. Evaluation of factors predicting accurate resection of high-grade gliomas by using frameless image-guided stereotactic guidance. *Neurosurg Focus*. 2003 Feb 15;14(2):e5. PubMed PMID: 15727426.
- 1522: Rami BG, Chin LS, Lazio BE, Singh SK. Okadaic-acid-induced apoptosis in malignant glioma cells. *Neurosurg Focus*. 2003 Feb 15;14(2):e4. PubMed PMID: 15727425.
- 1523: Briceño E, Reyes S, Sotelo J. Therapy of glioblastoma multiforme improved by the antimutagenic chloroquine. *Neurosurg Focus*. 2003 Feb 15;14(2):e3. PubMed PMID: 15727424.
- 1524: Hall WA, Rustamzadeh E, Asher AL. Convection-enhanced delivery in clinical trials. *Neurosurg Focus*. 2003 Feb 15;14(2):e2. Review. PubMed PMID: 15727423.
- 1525: Tamber MS, Rutka JT. Pediatric supratentorial high-grade gliomas. *Neurosurg Focus*. 2003 Feb 15;14(2):e1. Review. PubMed PMID: 15727422.
- 1526: Haneline MT, Lewkovich G, Malone D G, Baldwin N G, Tomecek F J, et al: Complications of cervical spine manipulation therapy: 5-year retrospective study in a single-group practice. *Neurosurg Focus* 13 (6):Clinical Pearl, 2002. *Neurosurg Focus*. 2003 Mar 15;14(3):e10; author reply e10. PubMed PMID: 15726746.
- 1527: Bulsara KR, Vasudevan R, Erdem E. Superior ophthalmic vein approach to carotid-cavernous fistulas. Technical note. *Neurosurg Focus*. 2005 Feb 15;18(2):ECP3. PubMed PMID: 15715456.
- 1528: Mueller D, Oro' JJ. Prospective analysis of self-perceived quality of life before and after posterior fossa decompression in 112 patients with Chiari malformation with or without syringomyelia. *Neurosurg Focus*. 2005 Feb 15;18(2):ECP2. PubMed PMID: 15715455.
- 1529: Bhatoe HS, Singh P, Chaturvedi A, Sahai K, Dutta V, Sahoo PK. Nondysraphic intramedullary spinal cord lipomas: a review. *Neurosurg Focus*. 2005 Feb 15;18(2):ECP1. Review. PubMed PMID: 15715454.
- 1530: Hanel RA, Boulos AS, Sauvageau EG, Levy EI, Guterman LR, Hopkins LN. Stent placement for the treatment of nonsaccular aneurysms of the vertebrobasilar system. *Neurosurg Focus*. 2005 Feb 15;18(2):E8. Review. PubMed PMID: 15715453.
- 1531: Wells-Roth D, Biondi A, Janardhan V, Chapple K, Gobin YP, Riina HA. Endovascular procedures for treating wide-necked aneurysms. *Neurosurg Focus*. 2005 Feb 15;18(2):E7. PubMed PMID: 15715452.
- 1532: Kim LJ, Albuquerque FC, McDougall C, Spetzler RF. Combined surgical and endovascular treatment of a recurrent A3-A3 junction aneurysm unsuitable for stand-alone clip ligation or coil occlusion. Technical note. *Neurosurg Focus*. 2005 Feb 15;18(2):E6. PubMed PMID: 15715451.
- 1533: Deshaies EM, Bagla S, Agner C, Boulos AS. Determination of filling volumes in HydroCoil-treated aneurysms by using three-dimensional computerized tomography angiography. *Neurosurg Focus*. 2005 Feb 15;18(2):E5. PubMed PMID: 15715450.
- 1534: Sani S, Jobe KW, Lopes DK. Treatment of wide-necked cerebral aneurysms with the Neuroform2 Treo stent. A prospective 6-month study. *Neurosurg Focus*. 2005 Feb 15;18(2):E4. PubMed PMID: 15715449.
- 1535: Albuquerque FC, Fiorella DJ, Han PP, Deshmukh VR, Kim LJ, McDougall CG. Endovascular

management of intracranial vertebral artery dissecting aneurysms. *Neurosurg Focus*. 2005 Feb 15;18(2):E3. PubMed PMID: 15715448.

1536: Kanaan Y, Kaneshiro D, Fraser K, Wang D, Lanzino G. Evolution of endovascular therapy for aneurysm treatment. Historical overview. *Neurosurg Focus*. 2005 Feb 15;18(2):E2. PubMed PMID: 15715447.

1537: Arthur AS, Wilson SA, Dixit S, Barr JD. Hydrogel-coated coils for the treatment of cerebral aneurysms: preliminary results. *Neurosurg Focus*. 2005 Feb 15;18(2):E1. PubMed PMID: 15715446.

1538: Grubb RL Jr, Powers WJ, Derdeyn CP, Adams HP Jr, Clarke WR. The Carotid Occlusion Surgery Study. *Neurosurg Focus*. 2003 Mar 15;14(3):e9. PubMed PMID: 15709726.

1539: Tummala RP, Chu RM, Nussbaum ES. Extracranial-intracranial bypass for symptomatic occlusive cerebrovascular disease not amenable to carotid endarterectomy. *Neurosurg Focus*. 2003 Mar 15;14(3):e8. PubMed PMID: 15709725.

1540: Melgar MA, Weinand ME. Thyrocervical trunk-external carotid artery bypass for positional cerebral ischemia due to common carotid artery occlusion. Report of three cases. *Neurosurg Focus*. 2003 Mar 15;14(3):e7. PubMed PMID: 15709724.

1541: Feiz-Erfan I, Han PP, Spetzler RF, Lanzino G, Ferreira MA, Gonzalez LF, Porter RW. Salvage of advanced squamous cell carcinomas of the head and neck: internal carotid artery sacrifice and extracranial-intracranial revascularization. *Neurosurg Focus*. 2003 Mar 15;14(3):e6. PubMed PMID: 15709723.

1542: Dare AO, Gibbons KJ, Gillihan MD, Guterman LR, Loree TR, Hicks WL Jr. Hypotensive endovascular test occlusion of the carotid artery in head and neck cancer. *Neurosurg Focus*. 2003 Mar 15;14(3):e5. PubMed PMID: 15709722.

1543: O'Shaughnessy BA, Salehi SA, Mindea SA, Batjer HH. Selective cerebral revascularization as an adjunct in the treatment of giant anterior circulation aneurysms. *Neurosurg Focus*. 2003 Mar 15;14(3):e4. Review. PubMed PMID: 15709721.

1544: Liu JK, Kan P, Karwande SV, Couldwell WT. Conduits for cerebrovascular bypass and lessons learned from the cardiovascular experience. *Neurosurg Focus*. 2003 Mar 15;14(3):e3. Review. PubMed PMID: 15709720.

1545: Liu JK, Couldwell WT. Interpositional carotid artery bypass strategies in the surgical management of aneurysms and tumors of the skull base. *Neurosurg Focus*. 2003 Mar 15;14(3):e2. Review. PubMed PMID: 15709719.

1546: Friedman JA, Piepgras DG. Current neurosurgical indications for saphenous vein graft bypass. *Neurosurg Focus*. 2003 Mar 15;14(3):e1. Review. PubMed PMID: 15709718.

1547: Abdullah JM, Zainuddin N, Sulong S, Jaafar H, Isa MN. Molecular genetic analysis of phosphatase and tensin homolog and p16 tumor suppressor genes in patients with malignant glioma. *Neurosurg Focus*. 2003 Apr 15;14(4):e6. PubMed PMID: 15679305.

1548: Fandino J, Siegel AM, Laeng RH, Yaşargil MG. De novo cerebellar medulloblastoma in a 26-year recurrence-free case of temporal glioblastoma multiforme. Case report. *Neurosurg Focus*. 2003 Apr 15;14(4):e5. PubMed PMID: 15679304.

- 1549: Raksin PB, Alperin N, Sivaramakrishnan A, Surapaneni S, Lichtor T. Noninvasive intracranial compliance and pressure based on dynamic magnetic resonance imaging of blood flow and cerebrospinal fluid flow: review of principles, implementation, and other noninvasive approaches. *Neurosurg Focus*. 2003 Apr 15;14(4):e4. Review. PubMed PMID: 15679303.
- 1550: Mack WJ, King RG, Ducruet AF, Kreiter K, Mocco J, Maghoub A, Mayer S, Connolly ES Jr. Intracranial pressure following aneurysmal subarachnoid hemorrhage: monitoring practices and outcome data. *Neurosurg Focus*. 2003 Apr 15;14(4):e3. PubMed PMID: 15679302.
- 1551: Hlatky R, Valadka AB, Robertson CS. Intracranial hypertension and cerebral ischemia after severe traumatic brain injury. *Neurosurg Focus*. 2003 Apr 15;14(4):e2. Review. PubMed PMID: 15679301.
- 1552: Sheehan JP, Kondziolka D, Flickinger J, Lunsford LD. Radiosurgery for nonfunctioning pituitary adenoma. *Neurosurg Focus*. 2003 May 15;14(5):e9. PubMed PMID: 15669820.
- 1553: Levivier M, Lorenzoni J, Massager N, Ruiz S, Devriendt D, Brotchi J. Use of the Leksell gamma knife C with automatic positioning system for the treatment of meningioma and vestibular schwannoma. *Neurosurg Focus*. 2003 May 15;14(5):e8. PubMed PMID: 15669819.
- 1554: Liu JK, Forman S, Moorthy CR, Benzil DL. Update on treatment modalities for optic nerve sheath meningiomas. *Neurosurg Focus*. 2003 May 15;14(5):e7. Review. PubMed PMID: 15669818.
- 1555: Chin LS, Szerlip NJ, Regine WF. Stereotactic radiosurgery for meningiomas. *Neurosurg Focus*. 2003 May 15;14(5):e6. Review. PubMed PMID: 15669817.
- 1556: Torres RC, Frighetto L, De Salles AA, Goss B, Medin P, Solberg T, Ford JM, Selch M. Radiosurgery and stereotactic radiotherapy for intracranial meningiomas. *Neurosurg Focus*. 2003 May 15;14(5):e5. PubMed PMID: 15669816.
- 1557: Pollock BE. Stereotactic radiosurgery for intracranial meningiomas: indications and results. *Neurosurg Focus*. 2003 May 15;14(5):e4. PubMed PMID: 15669815.
- 1558: Litvack ZN, Norén G, Chougule PB, Zheng Z. Preservation of functional hearing after gamma knife surgery for vestibular schwannoma. *Neurosurg Focus*. 2003 May 15;14(5):e3. PubMed PMID: 15669814.
- 1559: Friedman WA, Foote KD. Linear accelerator-based radiosurgery for vestibular schwannoma. *Neurosurg Focus*. 2003 May 15;14(5):e2. Review. PubMed PMID: 15669813.
- 1560: Gerszten PC, Ozhasoglu C, Burton SA, Vogel WJ, Atkins BA, Kalnicki S, Welch WC. CyberKnife frameless single-fraction stereotactic radiosurgery for benign tumors of the spine. *Neurosurg Focus*. 2003 May 15;14(5):e16. PubMed PMID: 15669812.
- 1561: Hadjipanayis CG, Kondziolka D, Flickinger JC, Lunsford LD. The role of stereotactic radiosurgery for low-grade astrocytomas. *Neurosurg Focus*. 2003 May 15;14(5):e15. PubMed PMID: 15669811.
- 1562: Chang SD, Sakamoto GT. The role of radiosurgery for hemangiopericytomas. *Neurosurg Focus*. 2003 May 15;14(5):e14. PubMed PMID: 15669810.
- 1563: Kobayashi T, Kida Y, Hasegawa T. Long-term results of gamma knife surgery for craniopharyngioma. *Neurosurg Focus*. 2003 May 15;14(5):e13. PubMed PMID: 15669809.

1564: Jane JA Jr, Vance ML, Woodburn CJ, Laws ER Jr. Stereotactic radiosurgery for hypersecreting pituitary tumors: part of a multimodality approach. *Neurosurg Focus*. 2003 May 15;14(5):e12. PubMed PMID: 15669808.

1565: Liu JK, Schmidt MH, MacDonald JD, Jensen RL, Couldwell WT. Hypophysial transposition (hypophysopexy) for radiosurgical treatment of pituitary tumors involving the cavernous sinus. Technical note. *Neurosurg Focus*. 2003 May 15;14(5):e11. PubMed PMID: 15669807.

1566: Witt TC. Stereotactic radiosurgery for pituitary tumors. *Neurosurg Focus*. 2003 May 15;14(5):e10. Review. PubMed PMID: 15669806.

1567: Kondziolka D, Lunsford LD, Flickinger JC. Comparison of management options for patients with acoustic neuromas. *Neurosurg Focus*. 2003 May 15;14(5):e1. Review. PubMed PMID: 15669805.

1568: Moschettoni L, Menniti A, Liccardo G, Lunardi P. Spinal epidural abscess complicating chemotherapy in patients with leukemia. *Neurosurg Focus*. 2005 Jan 15;18(1):ecp1. Review. PubMed PMID: 15669804.

1569: Tummala RP, Başkaya MK, Heros RC. Contemporary management of incidental intracranial aneurysms. *Neurosurg Focus*. 2005 Jan 15;18(1):e9. Review. PubMed PMID: 15669803.

1570: Ecker RD, Donovan MT, Hopkins LN. Endovascular management of carotid artery disease after radiation therapy and radical neck dissection. *Neurosurg Focus*. 2005 Jan 15;18(1):e8. PubMed PMID: 15669802.

1571: Koebbe CJ, Liebman K, Veznedaroglu E, Rosenwasser R. Carotid artery angioplasty and stent placement for recurrent stenosis. *Neurosurg Focus*. 2005 Jan 15;18(1):e7. PubMed PMID: 15669801.

1572: Gupta R, Horowitz M, Jovin TG. Hemodynamic instability after carotid artery angioplasty and stent placement: a review of the literature. *Neurosurg Focus*. 2005 Jan 15;18(1):e6. Review. PubMed PMID: 15669800.

1573: Komotar RJ, Mocco J, Wilson DA, Connolly ES Jr, Lavine SD, Meyers PM. Current endovascular treatment options for intracranial carotid artery atherosclerosis. *Neurosurg Focus*. 2005 Jan 15;18(1):e5. Review. PubMed PMID: 15669799.

1574: Komotar RJ, Mocco J, Wilson DA, Connolly ES Jr, Lavine SD, Meyers PM. The natural history of intracranial carotid artery atherosclerosis. *Neurosurg Focus*. 2005 Jan 15;18(1):e4. Review. PubMed PMID: 15669798.

1575: Levy EI, Ecker RD, Thompson JJ, Rosella PA, Hanel RA, Guterman LR, Hopkins LN. Toward clinical equipoise: the current case for carotid angioplasty and stent placement. *Neurosurg Focus*. 2005 Jan 15;18(1):e3. Review. PubMed PMID: 15669797.

1576: Das S, Bendok BR, Getch CC, Awad IA, Batjer HH. Update on current registries and trials of carotid artery angioplasty and stent placement. *Neurosurg Focus*. 2005 Jan 15;18(1):e2. PubMed PMID: 15669796.

1577: Kadkhodayan Y, Derdeyn CP, Cross DT 3rd, Moran CJ. Procedure complications of carotid angioplasty and stent placement without cerebral protection devices. *Neurosurg Focus*. 2005 Jan 15;18(1):e1. PubMed PMID: 15669795.

1578: Suhardja A, Agur AM, Cusimano MD. Anatomical basis of approaches to foramen magnum and

lower clival meningiomas: comparison of retrosigmoid and transcondylar approaches. *Neurosurg Focus*. 2003 Jun 15;14(6):e9. PubMed PMID: 15669794.

1579: Oghalai JS, Jackler RK. Anatomy of the combined retrolabyrinthine-middle fossa craniotomy. *Neurosurg Focus*. 2003 Jun 15;14(6):e8. PubMed PMID: 15669793.

1580: Liu JK, Gottfried ON, Couldwell WT. Surgical management of posterior petrous meningiomas. *Neurosurg Focus*. 2003 Jun 15;14(6):e7. PubMed PMID: 15669792.

1581: Chi JH, McDermott MW. Tuberculum sellae meningiomas. *Neurosurg Focus*. 2003 Jun 15;14(6):e6. PubMed PMID: 15669791.

1582: Tobias S, Kim CH, Kosmorsky G, Lee JH. Management of surgical clinoidal meningiomas. *Neurosurg Focus*. 2003 Jun 15;14(6):e5. PubMed PMID: 15669790.

1583: Hentschel SJ, DeMonte F. Olfactory groove meningiomas. *Neurosurg Focus*. 2003 Jun 15;14(6):e4. Review. PubMed PMID: 15669789.

1584: Heth JA, Al-Mefty O. Cavernous sinus meningiomas. *Neurosurg Focus*. 2003 Jun 15;14(6):e3. Review. PubMed PMID: 15669788.

1585: Gottfried ON, Gluf W, Quinones-Hinojosa A, Kan P, Schmidt MH. Spinal meningiomas: surgical management and outcome. *Neurosurg Focus*. 2003 Jun 15;14(6):e2. Review. PubMed PMID: 15669787.

1586: Quinones-Hinojosa A, Chang EF, McDermott MW. Falcotentorial meningiomas: clinical, neuroimaging, and surgical features in six patients. *Neurosurg Focus*. 2003 Jun 15;14(6):e11. Review. PubMed PMID: 15669786.

1587: Boulton MR, Cusimano MD. Foramen magnum meningiomas: concepts, classifications, and nuances. *Neurosurg Focus*. 2003 Jun 15;14(6):e10. Review. PubMed PMID: 15669785.

1588: Misra SN, Morgan HW. Avoidance of structural pitfalls in spinal meningioma resection. *Neurosurg Focus*. 2003 Jun 15;14(6):e1. PubMed PMID: 15669784.

1589: Kara NN. Spinal congenital dermal sinus associated with upper thoracic meningocele. *Neurosurg Focus*. 2004 Sep 15;17(3):2 p following E10. PubMed PMID: 15643723.

1590: German JW, Kellie SM, Pai MP, Turner PT. Treatment of a chronic *Scedosporium apiospermum* vertebral osteomyelitis. Case report. *Neurosurg Focus*. 2004 Dec 15;17(6):E9. Review. PubMed PMID: 15636579.

1591: Schnepfer GD, Johnson WD. Recurrent spinal hydatidosis in North America. Case report and review of the literature. *Neurosurg Focus*. 2004 Dec 15;17(6):E8. Review. PubMed PMID: 15636578.

1592: Lee MC, Wang MY, Fessler RG, Liauw J, Kim DH. Instrumentation in patients with spinal infection. *Neurosurg Focus*. 2004 Dec 15;17(6):E7. Review. PubMed PMID: 15636577.

1593: Walker DH, Mummaneni P, Rodts GE Jr. Infected vertebroplasty. Report of two cases and review of the literature. *Neurosurg Focus*. 2004 Dec 15;17(6):E6. Review. PubMed PMID: 15636576.

1594: Ogden AT, Kaiser MG. Single-stage debridement and instrumentation for pyogenic spinal infections. *Neurosurg Focus*. 2004 Dec 15;17(6):E5. Review. PubMed PMID: 15636575.

- 1595: Hsieh PC, Wienecke RJ, O'Shaughnessy BA, Koski TR, Ondra SL. Surgical strategies for vertebral osteomyelitis and epidural abscess. *Neurosurg Focus*. 2004 Dec 15;17(6):E4. Review. PubMed PMID: 15636574.
- 1596: Mann S, Schütze M, Sola S, Piek J. Nonspecific pyogenic spondylodiscitis: clinical manifestations, surgical treatment, and outcome in 24 patients. *Neurosurg Focus*. 2004 Dec 15;17(6):E3. PubMed PMID: 15636573.
- 1597: Acosta FL Jr, Chin CT, Quiñones-Hinojosa A, Ames CP, Weinstein PR, Chou D. Diagnosis and management of adult pyogenic osteomyelitis of the cervical spine. *Neurosurg Focus*. 2004 Dec 15;17(6):E2. Review. PubMed PMID: 15636572.
- 1598: Johnson JP, Laurysen C, Cambron HO, Pashman R, Regan JJ, Anand N, Bray R. Sagittal alignment and the Bryan cervical artificial disc. *Neurosurg Focus*. 2004 Dec 15;17(6):E14. PubMed PMID: 15636571.
- 1599: Schütze M, Piek J. Paracervical abscesses as life-threatening complications of outpatient pain treatment. Report of three cases. *Neurosurg Focus*. 2004 Dec 15;17(6):E13. PubMed PMID: 15636570.
- 1600: Parkinson JF, Sekhon LH. Spinal epidural abscess: appearance on magnetic resonance imaging as a guide to surgical management. Report of five cases. *Neurosurg Focus*. 2004 Dec 15;17(6):E12. PubMed PMID: 15636569.
- 1601: Barnes B, Alexander JT, Branch CL Jr. Cervical osteomyelitis: a brief review. *Neurosurg Focus*. 2004 Dec 15;17(6):E11. Review. PubMed PMID: 15636568.
- 1602: Wu AS, Griebel RW, Meguro K, Fourney DR. Spinal subdural empyema after a dural tear. Case report. *Neurosurg Focus*. 2004 Dec 15;17(6):E10. PubMed PMID: 15636567.
- 1603: Quiñones-Hinojosa A, Jun P, Jacobs R, Rosenberg WS, Weinstein PR. General principles in the medical and surgical management of spinal infections: a multidisciplinary approach. *Neurosurg Focus*. 2004 Dec 15;17(6):E1. Review. PubMed PMID: 15636566.
- 1604: Duggal N, Pickett GE, Mitsis DK, Keller JL. Early clinical and biomechanical results following cervical arthroplasty. *Neurosurg Focus*. 2004 Sep 15;17(3):E9. Review. PubMed PMID: 15636565.
- 1605: Sekhon LH. Cervical arthroplasty in the management of spondylotic myelopathy: 18-month results. *Neurosurg Focus*. 2004 Sep 15;17(3):E8. PubMed PMID: 15636564.
- 1606: DiAngelo DJ, Foley KT, Morrow BR, Schwab JS, Song J, German JW, Blair E. In vitro biomechanics of cervical disc arthroplasty with the ProDisc-C total disc implant. *Neurosurg Focus*. 2004 Sep 15;17(3):E7. PubMed PMID: 15636563.
- 1607: Porchet F, Metcalf NH. Clinical outcomes with the Prestige II cervical disc: preliminary results from a prospective randomized clinical trial. *Neurosurg Focus*. 2004 Sep 15;17(3):E6. PubMed PMID: 15636562.
- 1608: Pickett GE, Mitsis DK, Sekhon LH, Sears WR, Duggal N. Effects of a cervical disc prosthesis on segmental and cervical spine alignment. *Neurosurg Focus*. 2004 Sep 15;17(3):E5. PubMed PMID: 15636561.
- 1609: DiAngelo DJ, Foley KT. An improved biomechanical testing protocol for evaluating spinal arthroplasty and motion preservation devices in a multilevel human cadaveric cervical model.

Neurosurg Focus. 2004 Sep 15;17(3):E4. PubMed PMID: 15636560.

1610: Smith HE, Wimberley DW, Vaccaro AR. Cervical arthroplasty: material properties. Neurosurg Focus. 2004 Sep 15;17(3):E3. Review. PubMed PMID: 15636559.

1611: Oskouian RJ, Whitehill R, Samii A, Shaffrey ME, Johnson JP, Shaffrey CI. The future of spinal arthroplasty: a biomaterial perspective. Neurosurg Focus. 2004 Sep 15;17(3):E2. Review. PubMed PMID: 15636558.

1612: Robertson JT, Metcalf NH. Long-term outcome after implantation of the Prestige I disc in an end-stage indication: 4-year results from a pilot study. Neurosurg Focus. 2004 Sep 15;17(3):E10. PubMed PMID: 15636557.

1613: Le H, Thongtrangan I, Kim DH. Historical review of cervical arthroplasty. Neurosurg Focus. 2004 Sep 15;17(3):E1. Review. PubMed PMID: 15636556.

1614: Aslanabadi S, Azhough R, Motlagh PS, Hadidchi S, Tabrizi AD, Zonouzy KK. Intramedullary spinal cord ganglioglioma presenting with abnormal abdominal wall movement. Case report. Neurosurg Focus. 2004 Oct 15;17(4):ECP2. PubMed PMID: 15633994.

1615: Gottfried ON, Gluf WM, Schmidt MH. Cavernous hemangioma of the skull presenting with subdural hematoma. Case report. Neurosurg Focus. 2004 Oct 15;17(4):ECP1. PubMed PMID: 15633993.

1616: Rosner MK, Kuklo TR, Tawk R, Moquin R, Ondra SL. Prophylactic placement of an inferior vena cava filter in high-risk patients undergoing spinal reconstruction. Neurosurg Focus. 2004 Oct 15;17(4):E6. PubMed PMID: 15633992.

1617: Barnes B, Alexander JT, Branch CL Jr. Postoperative Level 1 anticoagulation therapy and spinal surgery: practical guidelines for management. Neurosurg Focus. 2004 Oct 15;17(4):E5. Review. PubMed PMID: 15633991.

1618: Smith SF, Simpson JM, Sekhon LH. Prophylaxis for deep venous thrombosis in neurosurgical oncology: review of 2779 admissions over a 9-year period. Neurosurg Focus. 2004 Oct 15;17(4):E4. PubMed PMID: 15633990.

1619: Auguste KI, Quiñones-Hinojosa A, Berger MS. Efficacy of mechanical prophylaxis for venous thromboembolism in patients with brain tumors. Neurosurg Focus. 2004 Oct 15;17(4):E3. Review. PubMed PMID: 15633989.

1620: Danish SF, Burnett MG, Stein SC. Prophylaxis for deep venous thrombosis in patients with craniotomies: a review. Neurosurg Focus. 2004 Oct 15;17(4):E2. Review. PubMed PMID: 15633988.

1621: Browd SR, Ragel BT, Davis GE, Scott AM, Sklabrin EJ, Couldwell WT. Prophylaxis for deep venous thrombosis in neurosurgery: a review of the literature. Neurosurg Focus. 2004 Oct 15;17(4):E1. Review. PubMed PMID: 15633987.

1622: Ghinea N, van Gelder JM. A probabilistic and interactive decision-analysis system for unruptured intracranial aneurysms. Neurosurg Focus. 2004 Nov 15;17(5):E9. PubMed PMID: 15633986.

1623: Cheong JJ, Ghinea N, van Gelder JM. Estimating the annual rate of de novo multiple aneurysms: three statistical approaches. Neurosurg Focus. 2004 Nov 15;17(5):E8. PubMed PMID: 15633985.

- 1624: Khurana VG, Meissner I, Meyer FB. Update on genetic evidence for rupture-prone compared with rupture-resistant intracranial saccular aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E7. PubMed PMID: 15633984.
- 1625: da Costa LB, Gunnarsson T, Wallace MC. Unruptured intracranial aneurysms: natural history and management decisions. *Neurosurg Focus*. 2004 Nov 15;17(5):E6. Review. PubMed PMID: 15633983.
- 1626: Chen PR, Frerichs K, Spetzler R. Current treatment options for unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E5. Review. PubMed PMID: 15633982.
- 1627: Ecker RD, Hopkins LN. Natural history of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E4. Review. PubMed PMID: 15633981.
- 1628: Mocco J, Komotar RJ, Lavine SD, Meyers PM, Connolly ES, Solomon RA. The natural history of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E3. Review. PubMed PMID: 15633980.
- 1629: Zipfel GJ, Dacey RG. Update on the management of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E2. Review. PubMed PMID: 15633979.
- 1630: Liu JK, Gottfried ON, Amini A, Couldwell WT. Aneurysms of the petrous internal carotid artery: anatomy, origins, and treatment. *Neurosurg Focus*. 2004 Nov 15;17(5):E13. Review. PubMed PMID: 15633978.
- 1631: Auguste KI, Ware ML, Lawton MT. Nonsaccular aneurysms of the azygos anterior cerebral artery. *Neurosurg Focus*. 2004 Nov 15;17(5):E12. Review. PubMed PMID: 15633977.
- 1632: Ponce FA, Albuquerque FC, McDougall CG, Han PP, Zabramski JM, Spetzler RF. Combined endovascular and microsurgical management of giant and complex unruptured aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E11. PubMed PMID: 15633976.
- 1633: Jabbour P, Koebbe C, Veznedaroglu E, Benitez RP, Rosenwasser R. Stent-assisted coil placement for unruptured cerebral aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E10. PubMed PMID: 15633975.
- 1634: Chen PR, Frerichs K, Spetzler R. Natural history and general management of unruptured intracranial aneurysms. *Neurosurg Focus*. 2004 Nov 15;17(5):E1. Review. PubMed PMID: 15633974.
- 1635: Rosen CL. Meningiomas: the role of preoperative angiography and embolization. *Neurosurg Focus*. 2003 Oct 15;15(4):1 p following ECP4. PubMed PMID: 15376362.
- 1636: Kara NN. Spinal congenital dermal sinus associated with upper thoracic meningocele. Case Report. *Neurosurg Focus*. 2003 Jul 15;15(1):ECP2. PubMed PMID: 15355015.
- 1637: Yoo YM, Kim YJ, Lee U, Paik DJ, Yoo HT, Park CW, Kim YB, Lee SG, Kim WK, Yoo CJ. Neurotrophic factor in the treatment of Parkinson disease. *Neurosurg Focus*. 2003 Jul 15;15(1):ECP1. PubMed PMID: 15355014.
- 1638: Lozier AP, Bruce JN. Meningiomas of the velum interpositum: surgical considerations. *Neurosurg Focus*. 2003 Jul 15;15(1):E11. Review. PubMed PMID: 15355013.
- 1639: Dowd CF, Halbach VV, Higashida RT. Meningiomas: the role of preoperative angiography and

embolization. *Neurosurg Focus*. 2003 Jul 15;15(1):E10. Review. PubMed PMID: 15355012.

1640: O'Shaughnessy BA, Getch CC, Bendok BR, Batjer HH. Surgical management of unruptured posterior carotid artery wall aneurysms. *Neurosurg Focus*. 2003 Jul 15;15(1):E9. Review. PubMed PMID: 15355011.

1641: Vitaz TW, Marx W, Victor JD, Gutin PH. Comparison of conscious sedation and general anesthesia for motor mapping and resection of tumors located near motor cortex. *Neurosurg Focus*. 2003 Jul 15;15(1):E8. PubMed PMID: 15355010.

1642: Schiffbauer H, Berger MS, Ferrari P, Freudenstein D, Rowley HA, Roberts TP. Preoperative magnetic source imaging for brain tumor surgery: a quantitative comparison with intraoperative sensory and motor mapping. *Neurosurg Focus*. 2003 Jul 15;15(1):E7. PubMed PMID: 15355009.

1643: Rutten GJ, Ramsey N, Noordmans HJ, Willems P, van Rijen P, Berkelbach van der Sprenkel JW, Viergever M, van Veelen C. Toward functional neuronavigation: implementation of functional magnetic resonance imaging data in a surgical guidance system for intraoperative identification of motor and language cortices. Technical note and illustrative case. *Neurosurg Focus*. 2003 Jul 15;15(1):E6. PubMed PMID: 15355008.

1644: Krieger MD, Blüml S, McComb JG. Magnetic resonance spectroscopy of atypical diffuse pontine masses. *Neurosurg Focus*. 2003 Jul 15;15(1):E5. PubMed PMID: 15355007.

1645: DaSilva AF, Tuch DS, Wiegell MR, Hadjikhani N. A primer on diffusion tensor imaging of anatomical substructures. *Neurosurg Focus*. 2003 Jul 15;15(1):E4. Review. PubMed PMID: 15355006.

1646: Nowinski WL, Thirunavuukarasuu A. A locus-driven mechanism for rapid and automated atlas-assisted analysis of functional images by using the Brain Atlas for Functional Imaging. *Neurosurg Focus*. 2003 Jul 15;15(1):E3. PubMed PMID: 15355005.

1647: Pouratian N, Sheth S, Bookheimer SY, Martin NA, Toga AW. Applications and limitations of perfusion-dependent functional brain mapping for neurosurgical guidance. *Neurosurg Focus*. 2003 Jul 15;15(1):E2. Review. PubMed PMID: 15355004.

1648: Kim PE, Singh M. Functional magnetic resonance imaging for brain mapping in neurosurgery. *Neurosurg Focus*. 2003 Jul 15;15(1):E1. Review. PubMed PMID: 15355003.

1649: Acosta FL Jr, Quinones-Hinojosa A, Schmidt MH, Weinstein PR. Diagnosis and management of sacral Tarlov cysts. Case report and review of the literature. *Neurosurg Focus*. 2003 Aug 15;15(2):E15. Review. PubMed PMID: 15350046.

1650: Deutsch H, Mummaneni PV, Haid RW, Rodts GE, Ondra SL. Benign sacral tumors. *Neurosurg Focus*. 2003 Aug 15;15(2):E14. Review. PubMed PMID: 15350045.

1651: Randall RL. Giant cell tumor of the sacrum. *Neurosurg Focus*. 2003 Aug 15;15(2):E13. Review. PubMed PMID: 15350044.

1652: Klimo P Jr, Rao G, Schmidt RH, Schmidt MH. Nerve sheath tumors involving the sacrum. Case report and classification scheme. *Neurosurg Focus*. 2003 Aug 15;15(2):E12. PubMed PMID: 15350043.

1653: Pluta RM, Wait SD, Butman JA, Leppig KA, Vortmeyer AO, Oldfield EH, Lonser RR. Sacral hemangioblastoma in a patient with von Hippel-Lindau disease. Case report and review of the literature. *Neurosurg Focus*. 2003 Aug 15;15(2):E11. Review. PubMed PMID: 15350042.

- 1654: Liu JK, Kan P, Schmidt MH. Diffuse large B-cell lymphoma presenting as a sacral tumor. Report of two cases. *Neurosurg Focus*. 2003 Aug 15;15(2):E10. PubMed PMID: 15350041.
- 1655: Fourney DR, Gokaslan ZL. Current management of sacral chordoma. *Neurosurg Focus*. 2003 Aug 15;15(2):E9. Review. PubMed PMID: 15350040.
- 1656: Gibbs IC, Chang SD. Radiosurgery and radiotherapy for sacral tumors. *Neurosurg Focus*. 2003 Aug 15;15(2):E8. Review. PubMed PMID: 15350039.
- 1657: Gerszten PC, Ozhasoglu C, Burton SA, Welch WC, Vogel WJ, Atkins BA, Kalnicki S. CyberKnife frameless single-fraction stereotactic radiosurgery for tumors of the sacrum. *Neurosurg Focus*. 2003 Aug 15;15(2):E7. PubMed PMID: 15350038.
- 1658: Mindea SA, Salehi SA, Ganju A, Rosner MK, O'Shaughnessy BA, Jorge A, Ondra SL. Lumbosacropelvic junction reconstruction resulting in early ambulation for patients with lumbosacral neoplasms or osteomyelitis. *Neurosurg Focus*. 2003 Aug 15;15(2):E6. Review. PubMed PMID: 15350037.
- 1659: Zhang HY, Thongtrangan I, Balabhadra RS, Murovic JA, Kim DH. Surgical techniques for total sacrectomy and spinopelvic reconstruction. *Neurosurg Focus*. 2003 Aug 15;15(2):E5. Review. PubMed PMID: 15350036.
- 1660: Gottfried ON, Schmidt MH, Stevens EA. Embolization of sacral tumors. *Neurosurg Focus*. 2003 Aug 15;15(2):E4. Review. PubMed PMID: 15350035.
- 1661: Cheng JS, Song JK. Anatomy of the sacrum. *Neurosurg Focus*. 2003 Aug 15;15(2):E3. Review. PubMed PMID: 15350034.
- 1662: Manaster BJ, Graham T. Imaging of sacral tumors. *Neurosurg Focus*. 2003 Aug 15;15(2):E2. Review. PubMed PMID: 15350033.
- 1663: Payer M. Neurological manifestation of sacral tumors. *Neurosurg Focus*. 2003 Aug 15;15(2):E1. Review. PubMed PMID: 15350032.
- 1664: Naderi S, Acar F, Mertol T. Is spinal instrumentation a risk factor for late-onset infection in cases of distant infection or surgery? Case report. *Neurosurg Focus*. 2003 Sep 15;15(3):E15. PubMed PMID: 15347233.
- 1665: Beiner JM, Grauer J, Kwon BK, Vaccaro AR. Postoperative wound infections of the spine. *Neurosurg Focus*. 2003 Sep 15;15(3):E14. Review. PubMed PMID: 15347232.
- 1666: Misra SN, Morgan HW, Sedler R. Lumbar myofascial flap for pseudomeningocele repair. *Neurosurg Focus*. 2003 Sep 15;15(3):E13. PubMed PMID: 15347231.
- 1667: Le H, Sandhu FA, Fessler RG. Clinical outcomes after minimal-access surgery for recurrent lumbar disc herniation. *Neurosurg Focus*. 2003 Sep 15;15(3):E12. PubMed PMID: 15347230.
- 1668: Isaacs RE, Podichetty V, Fessler RG. Microendoscopic discectomy for recurrent disc herniations. *Neurosurg Focus*. 2003 Sep 15;15(3):E11. PubMed PMID: 15347229.
- 1669: Swartz KR, Trost GR. Recurrent lumbar disc herniation. *Neurosurg Focus*. 2003 Sep 15;15(3):E10. Review. PubMed PMID: 15347228.

- 1670: Ondra SL, Marzouk S. Revision strategies for lumbar pseudarthrosis. *Neurosurg Focus*. 2003 Sep 15;15(3):E9. Review. PubMed PMID: 15347227.
- 1671: Wiggins GC, Ondra SL, Shaffrey CI. Management of iatrogenic flat-back syndrome. *Neurosurg Focus*. 2003 Sep 15;15(3):E8. Review. PubMed PMID: 15347226.
- 1672: Wang MY, Green BA. Laminoplasty for the treatment of failed anterior cervical spine surgery. *Neurosurg Focus*. 2003 Sep 15;15(3):E7. Review. PubMed PMID: 15347225.
- 1673: Azmi H, Schlenk RP. Surgery for postarthrodesis adjacent-cervical segment degeneration. *Neurosurg Focus*. 2003 Sep 15;15(3):E6. Review. PubMed PMID: 15347224.
- 1674: Deutsch H, Haid RW, Rodts GE, Mummaneni PV. Postlaminectomy cervical deformity. *Neurosurg Focus*. 2003 Sep 15;15(3):E5. Review. PubMed PMID: 15347223.
- 1675: Thongtrangan I, Balabhadra RS, Kim DH. Management of strut graft failure in anterior cervical spine surgery. *Neurosurg Focus*. 2003 Sep 15;15(3):E4. Review. PubMed PMID: 15347222.
- 1676: Mazzola CA, Fried AH. Revision surgery for Chiari malformation decompression. *Neurosurg Focus*. 2003 Sep 15;15(3):E3. Review. PubMed PMID: 15347221.
- 1677: Schlenk RP, Stewart T, Benzel EC. The biomechanics of iatrogenic spinal destabilization and implant failure. *Neurosurg Focus*. 2003 Sep 15;15(3):E2. Review. PubMed PMID: 15347220.
- 1678: Eichholz KM, Ryken TC. Complications of revision spinal surgery. *Neurosurg Focus*. 2003 Sep 15;15(3):E1. Review. PubMed PMID: 15347219.
- 1679: Nakamura T, Keep RF, Hua Y, Schallert T, Hoff JT, Xi G. Deferoxamine-induced attenuation of brain edema and neurological deficits in a rat model of intracerebral hemorrhage. *Neurosurg Focus*. 2003 Oct 15;15(4):ECP4. PubMed PMID: 15344903.
- 1680: de Oliveira RS, Machado HR. Transcranial color-coded Doppler ultrasonography for evaluation of children with hydrocephalus. *Neurosurg Focus*. 2003 Oct 15;15(4):ECP3. PubMed PMID: 15344902.
- 1681: Erman T, Göçer AI, Tuna M, Erdoğan S, Zorludemir S. Malignant meningioma of the lateral ventricle. Case report. *Neurosurg Focus*. 2003 Oct 15;15(4):ECP2. PubMed PMID: 15344901.
- 1682: Ng PP, Higashida RT, Cullen S, Malek R, Halbach VV, Dowd CF. Endovascular strategies for carotid cavernous and intracerebral dural arteriovenous fistulas. *Neurosurg Focus*. 2003 Oct 15;15(4):ECP1. Review. PubMed PMID: 15344900.
- 1683: Bhattathiri PS, Gregson B, Prasad KS, Mitchell P, Soh C, Mitra D, Gholkar A, Mendelow AD. Reliability assessment of computerized tomography scanning measurements in intracerebral hematoma. *Neurosurg Focus*. 2003 Oct 15;15(4):E6. PubMed PMID: 15344899.
- 1684: Misra SN, Misra AK. Neonatal venous cerebral hemorrhage. Report of two cases. *Neurosurg Focus*. 2003 Oct 15;15(4):E5. PubMed PMID: 15344898.
- 1685: Abbed KM, Ogilvy CS. Intracerebral hematoma from aneurysm rupture. *Neurosurg Focus*. 2003 Oct 15;15(4):E4. Review. PubMed PMID: 15344897.
- 1686: Quinones-Hinojosa A, Gulati M, Singh V, Lawton MT. Spontaneous intracerebral hemorrhage due to coagulation disorders. *Neurosurg Focus*. 2003 Oct 15;15(4):E3. Review. PubMed PMID: 15344896.

- 1687: Pouratian N, Kassell NF, Dumont AS. Update on management of intracerebral hemorrhage. *Neurosurg Focus*. 2003 Oct 15;15(4):E2. Review. PubMed PMID: 15344895.
- 1688: Fewel ME, Thompson BG Jr, Hoff JT. Spontaneous intracerebral hemorrhage: a review. *Neurosurg Focus*. 2003 Oct 15;15(4):E1. Review. PubMed PMID: 15344894.
- 1689: Prabhu SS, DeMonte F. Complete resection of a complex glomus jugulare tumor with extensive venous involvement. Case report. *Neurosurg Focus*. 2004 Aug 15;17(2):E12. PubMed PMID: 15329027.
- 1690: Lim M, Gibbs IC, Adler JR Jr, Chang SD. Efficacy and safety of stereotactic radiosurgery for glomus jugulare tumors. *Neurosurg Focus*. 2004 Aug 15;17(2):E11. PubMed PMID: 15329026.
- 1691: Pollock BE. Stereotactic radiosurgery in patients with glomus jugulare tumors. *Neurosurg Focus*. 2004 Aug 15;17(2):E10. Review. PubMed PMID: 15329025.
- 1692: Kadri PA, Al-Mefty O. Surgical treatment of dumbbell-shaped jugular foramen schwannomas. *Neurosurg Focus*. 2004 Aug 15;17(2):E9. Review. PubMed PMID: 15329024.
- 1693: Borba LA, Ale-Bark S, London C. Surgical treatment of glomus jugulare tumors without rerouting of the facial nerve: an infralabyrinthine approach. *Neurosurg Focus*. 2004 Aug 15;17(2):E8. PubMed PMID: 15329023.
- 1694: Jackson CG, Kaylie DM, Coppit G, Gardner EK. Glomus jugulare tumors with intracranial extension. *Neurosurg Focus*. 2004 Aug 15;17(2):E7. Review. PubMed PMID: 15329022.
- 1695: Inserra MM, Pfister M, Jackler RK. Anatomy involved in the jugular foramen approach for jugulotympanic paraganglioma resection. *Neurosurg Focus*. 2004 Aug 15;17(2):E6. Review. PubMed PMID: 15329021.
- 1696: Ramina R, Maniglia JJ, Fernandes YB, Paschoal JR, Pfeilsticker LN, Neto MC, Borges G. Jugular foramen tumors: diagnosis and treatment. *Neurosurg Focus*. 2004 Aug 15;17(2):E5. Review. PubMed PMID: 15329020.
- 1697: Gottfried ON, Liu JK, Couldwell WT. Comparison of radiosurgery and conventional surgery for the treatment of glomus jugulare tumors. *Neurosurg Focus*. 2004 Aug 15;17(2):E4. Review. PubMed PMID: 15329019.
- 1698: Ozveren MF, Türe U. The microsurgical anatomy of the glossopharyngeal nerve with respect to the jugular foramen lesions. *Neurosurg Focus*. 2004 Aug 15;17(2):E3. Review. PubMed PMID: 15329018.
- 1699: Heth J. The basic science of glomus jugulare tumors. *Neurosurg Focus*. 2004 Aug 15;17(2):E2. Review. PubMed PMID: 15329017.
- 1700: Michael LM 2nd, Robertson JH. Glomus jugulare tumors: historical overview of the management of this disease. *Neurosurg Focus*. 2004 Aug 15;17(2):E1. PubMed PMID: 15329016.
- 1701: Fassett DR, Schmidt MH. Lumbosacral ependymomas: a review of the management of intradural and extradural tumors. *Neurosurg Focus*. 2003 Nov 15;15(5):E13. Review. PubMed PMID: 15323470.
- 1702: Vrionis FD, Small J. Surgical management of metastatic spinal neoplasms. *Neurosurg Focus*. 2003 Nov 15;15(5):E12. Review. PubMed PMID: 15323469.

- 1703: Ryken TC, Eichholz KM, Gerszten PC, Welch WC, Gokaslan ZL, Resnick DK. Evidence-based review of the surgical management of vertebral column metastatic disease. *Neurosurg Focus*. 2003 Nov 15;15(5):E11. Review. PubMed PMID: 15323468.
- 1704: Ryu SI, Kim DH, Chang SD. Stereotactic radiosurgery for hemangiomas and ependymomas of the spinal cord. *Neurosurg Focus*. 2003 Nov 15;15(5):E10. Review. PubMed PMID: 15323467.
- 1705: Zileli M, Hoscoskun C, Brastianos P, Sabah D. Surgical treatment of primary sacral tumors: complications associated with sacrectomy. *Neurosurg Focus*. 2003 Nov 15;15(5):E9. Review. PubMed PMID: 15323466.
- 1706: Thongtrangan I, Balabhadra RS, Le H, Park J, Kim DH. Vertebral body replacement with an expandable cage for reconstruction after spinal tumor resection. *Neurosurg Focus*. 2003 Nov 15;15(5):E8. Review. PubMed PMID: 15323465.
- 1707: Bohinski RJ, Rhines LD. Principles and techniques of en bloc vertebrectomy for bone tumors of the thoracolumbar spine: an overview. *Neurosurg Focus*. 2003 Nov 15;15(5):E7. Review. PubMed PMID: 15323464.
- 1708: Yao KC, Boriani S, Gokaslan ZL, Sundaresan N. En bloc spondylectomy for spinal metastases: a review of techniques. *Neurosurg Focus*. 2003 Nov 15;15(5):E6. Review. PubMed PMID: 15323463.
- 1709: Zileli M, Cagli S, Basdemir G, Ersahin Y. Osteoid osteomas and osteoblastomas of the spine. *Neurosurg Focus*. 2003 Nov 15;15(5):E5. Review. PubMed PMID: 15323462.
- 1710: Liu JK, Brockmeyer DL, Dailey AT, Schmidt MH. Surgical management of aneurysmal bone cysts of the spine. *Neurosurg Focus*. 2003 Nov 15;15(5):E4. Review. PubMed PMID: 15323461.
- 1711: Le H, Balabhadra R, Park J, Kim D. Surgical treatment of tumors involving the cervicothoracic junction. *Neurosurg Focus*. 2003 Nov 15;15(5):E3. Review. PubMed PMID: 15323460.
- 1712: Liu JK, Apfelbaum RI, Chiles BW 3rd, Schmidt MH. Cervical spinal metastasis: anterior reconstruction and stabilization techniques after tumor resection. *Neurosurg Focus*. 2003 Nov 15;15(5):E2. Review. PubMed PMID: 15323459.
- 1713: Klimo P Jr, Kestle JR, Schmidt MH. Treatment of metastatic spinal epidural disease: a review of the literature. *Neurosurg Focus*. 2003 Nov 15;15(5):E1. Review. PubMed PMID: 15323458.
- 1714: Paldino M, Mogilner AY, Tenner MS. Intracranial hypotension syndrome: a comprehensive review. *Neurosurg Focus*. 2003 Dec 15;15(6):ECP2. Review. PubMed PMID: 15305844.
- 1715: Rahimi SY, Stevens EA, Yeh DJ, Flannery AM, Choudhri HF, Lee MR. Treatment of atlantoaxial instability in pediatric patients. *Neurosurg Focus*. 2003 Dec 15;15(6):ECP1. Review. PubMed PMID: 15305843.
- 1716: Couture D, Branch CL Jr. Spinal pseudomeningoceles and cerebrospinal fluid fistulas. *Neurosurg Focus*. 2003 Dec 15;15(6):E6. Review. PubMed PMID: 15305842.
- 1717: Nordström CH. Assessment of critical thresholds for cerebral perfusion pressure by performing bedside monitoring of cerebral energy metabolism. *Neurosurg Focus*. 2003 Dec 15;15(6):E5. Review. PubMed PMID: 15305841.
- 1718: Vespa P. What is the optimal threshold for cerebral perfusion pressure following traumatic brain

injury? Neurosurg Focus. 2003 Dec 15;15(6):E4. Review. PubMed PMID: 15305840.

1719: Chambers IR, Kirkham FJ. What is the optimal cerebral perfusion pressure in children suffering from traumatic coma? Neurosurg Focus. 2003 Dec 15;15(6):E3. Review. PubMed PMID: 15305839.

1720: Young JS, Blow O, Turrentine F, Claridge JA, Schulman A. Is there an upper limit of intracranial pressure in patients with severe head injury if cerebral perfusion pressure is maintained? Neurosurg Focus. 2003 Dec 15;15(6):E2. Review. PubMed PMID: 15305838.

1721: Isa R, Wan Adnan WA, Ghazali G, Idris Z, Ghani AR, Sayuthi S, Awang MS, Ghazali MM, Naing NN, Abdullah JM. Outcome of severe traumatic brain injury: comparison of three monitoring approaches. Neurosurg Focus. 2003 Dec 15;15(6):E1. PubMed PMID: 15305837.

1722: Naderi S, Türe U, Pait TG. History of the spinal cord localization. Neurosurg Focus. 2004 Jan 15;16(1):E15. PubMed PMID: 15264793.

1723: Shalayev SG, Mun IK, Mallek GS, Palmer S, Levi AD, Lasner TM, Kantrowitz AB. Retrospective analysis and modifications of retractor systems for anterior odontoid screw fixation. Neurosurg Focus. 2004 Jan 15;16(1):E14. PubMed PMID: 15264792.

1724: Thongtrangan I, Le H, Park J, Kim DH. Minimally invasive spinal surgery: a historical perspective. Neurosurg Focus. 2004 Jan 15;16(1):E13. PubMed PMID: 15264791.

1725: Lifshutz J, Lidar Z, Maiman D. Evolution of the lateral extracavitary approach to the spine. Neurosurg Focus. 2004 Jan 15;16(1):E12. PubMed PMID: 15264790.

1726: Singh H, Rahimi SY, Yeh DJ, Floyd D. History of posterior thoracic instrumentation. Neurosurg Focus. 2004 Jan 15;16(1):E11. PubMed PMID: 15264789.

1727: Omeis I, DeMattia JA, Hillard VH, Murali R, Das K. History of instrumentation for stabilization of the subaxial cervical spine. Neurosurg Focus. 2004 Jan 15;16(1):E10. PubMed PMID: 15264788.

1728: Vender JR, Rekito AJ, Harrison SJ, McDonnell DE. The evolution of posterior cervical and occipitocervical fusion and instrumentation. Neurosurg Focus. 2004 Jan 15;16(1):E9. PubMed PMID: 15264787.

1729: Moftakhar R, Trost GR. Anterior cervical plates: a historical perspective. Neurosurg Focus. 2004 Jan 15;16(1):E8. PubMed PMID: 15264786.

1730: Chedid KJ, Chedid MK. The "tract" of history in the treatment of lumbar degenerative disc disease. Neurosurg Focus. 2004 Jan 15;16(1):E7. PubMed PMID: 15264785.

1731: Karampelas I, Boev AN 3rd, Fountas KN, Robinson JS Jr. Sciatica: a historical perspective on early views of a distinct medical syndrome. Neurosurg Focus. 2004 Jan 15;16(1):E6. PubMed PMID: 15264784.

1732: Lifshutz J, Colohan A. A brief history of therapy for traumatic spinal cord injury. Neurosurg Focus. 2004 Jan 15;16(1):E5. PubMed PMID: 15264783.

1733: Hanigan WC, Sloffer C. Nelson's wound: treatment of spinal cord injury in 19th and early 20th century military conflicts. Neurosurg Focus. 2004 Jan 15;16(1):E4. PubMed PMID: 15264782.

1734: Deshaies EM, DiRisio D, Popp AJ. Medieval management of spinal injuries: parallels between

Theodoric of Bologna and contemporary spine surgeons. *Neurosurg Focus*. 2004 Jan 15;16(1):E3. PubMed PMID: 15264781.

1735: Goodrich JT. History of spine surgery in the ancient and medieval worlds. *Neurosurg Focus*. 2004 Jan 15;16(1):E2. PubMed PMID: 15264780.

1736: McDonnell DE. History of spinal surgery: one neurosurgeon's perspective. *Neurosurg Focus*. 2004 Jan 15;16(1):E1. PubMed PMID: 15264779.

1737: Slin'ko EI, Al-Qashqish II. Intradural ventral and ventrolateral tumors of the spinal cord: surgical treatment and results. *Neurosurg Focus*. 2004 Jul 15;17(1):ECP2. Review. PubMed PMID: 15264778.

1738: Kim KD, Wang JC, Robertson DP, Brodke DS, BenDebba M, Block KM, diZerega GS. Reduction of leg pain and lower-extremity weakness for 1 year with Oxiplex/SP gel following laminectomy, laminotomy, and discectomy. *Neurosurg Focus*. 2004 Jul 15;17(1):ECP1. PubMed PMID: 15264777.

1739: Slavin KV, Baumann TK, Burchiel KJ. Treatment of hemiballismus with stereotactic pallidotomy. Case report and review of the literature. *Neurosurg Focus*. 2004 Jul 15;17(1):E7. Review. PubMed PMID: 15264776.

1740: Alterman RL, Shils JL, Gudesblatt M, Tagliati M. Immediate and sustained relief of levodopa-induced dyskinesias after dorsal relocation of a deep brain stimulation lead. Case report. *Neurosurg Focus*. 2004 Jul 15;17(1):E6. PubMed PMID: 15264775.

1741: Kiss ZH, Doig K, Eliasziw M, Ranawaya R, Suchowersky O. The Canadian multicenter trial of pallidal deep brain stimulation for cervical dystonia: preliminary results in three patients. *Neurosurg Focus*. 2004 Jul 15;17(1):E5. PubMed PMID: 15264774.

1742: Starr PA, Turner RS, Rau G, Lindsey N, Heath S, Volz M, Ostrem JL, Marks WJ Jr. Microelectrode-guided implantation of deep brain stimulators into the globus pallidus internus for dystonia: techniques, electrode locations, and outcomes. *Neurosurg Focus*. 2004 Jul 15;17(1):E4. Review. PubMed PMID: 15264773.

1743: Follett KA. Comparison of pallidal and subthalamic deep brain stimulation for the treatment of levodopa-induced dyskinesias. *Neurosurg Focus*. 2004 Jul 15;17(1):E3. Review. PubMed PMID: 15264772.

1744: Toda H, Hamani C, Lozano A. Deep brain stimulation in the treatment of dyskinesia and dystonia. *Neurosurg Focus*. 2004 Jul 15;17(1):E2. Review. PubMed PMID: 15264771.

1745: Montgomery EB Jr. Deep brain stimulation for hyperkinetic disorders. *Neurosurg Focus*. 2004 Jul 15;17(1):E1. Review. PubMed PMID: 15264770.

1746: Turgut M. Spinal congenital dermal sinus associated with thoracic meningocele. *Neurosurg Focus*. 2004 Jun 15;16(6):1 p following ECP1. PubMed PMID: 15254983.

1747: Bor-Seng-Shu E, Aguiar PH, de Almeida Leme RJ, Mandel M, Andrade AF, Marino R Jr. Epidural hematomas of the posterior cranial fossa. *Neurosurg Focus*. 2004 Feb 15;16(2):ECP1. Review. PubMed PMID: 15209492.

1748: Kothbauer KF, Novak K. Intraoperative monitoring for tethered cord surgery: an update. *Neurosurg Focus*. 2004 Feb 15;16(2):E8. Review. PubMed PMID: 15209491.

- 1749: Hudgins RJ, Gilreath CL. Tethered spinal cord following repair of myelomeningocele. *Neurosurg Focus*. 2004 Feb 15;16(2):E7. Review. PubMed PMID: 15209490.
- 1750: Yamada S, Won DJ, Yamada SM. Pathophysiology of tethered cord syndrome: correlation with symptomatology. *Neurosurg Focus*. 2004 Feb 15;16(2):E6. Review. PubMed PMID: 15209489.
- 1751: Stevenson KL. Chiari Type II malformation: past, present, and future. *Neurosurg Focus*. 2004 Feb 15;16(2):E5. Review. PubMed PMID: 15209488.
- 1752: Marlin AE. Management of hydrocephalus in the patient with myelomeningocele: an argument against third ventriculostomy. *Neurosurg Focus*. 2004 Feb 15;16(2):E4. Review. PubMed PMID: 15209487.
- 1753: Gaskill SJ. Primary closure of open myelomeningocele. *Neurosurg Focus*. 2004 Feb 15;16(2):E3. PubMed PMID: 15209486.
- 1754: Tulipan N. Intrauterine closure of myelomeningocele: an update. *Neurosurg Focus*. 2004 Feb 15;16(2):E2. Review. PubMed PMID: 15209485.
- 1755: Dias MS, Partington M. Embryology of myelomeningocele and anencephaly. *Neurosurg Focus*. 2004 Feb 15;16(2):E1. Review. PubMed PMID: 15209484.
- 1756: Taşdemiroğlu E, Sengöz A, Bagatur E. Iatrogenic spondylodiscitis. Case report and review of literature. *Neurosurg Focus*. 2004 Jun 15;16(6):ECP1. Review. PubMed PMID: 15202880.
- 1757: Bakshi A, Bakshi A, Banerji AK. Neuroendoscope-assisted evacuation of large intracerebral hematomas: introduction of a new, minimally invasive technique. Preliminary report. *Neurosurg Focus*. 2004 Jun 15;16(6):e9. PubMed PMID: 15202879.
- 1758: Kostuik JP. Medicolegal consequences of cauda equina syndrome: an overview. *Neurosurg Focus*. 2004 Jun 15;16(6):e8. Review. PubMed PMID: 15202878.
- 1759: Jensen RL. Cauda equina syndrome as a postoperative complication of lumbar spine surgery. *Neurosurg Focus*. 2004 Jun 15;16(6):e7. Review. PubMed PMID: 15202877.
- 1760: Thongtrangan I, Le H, Park J, Kim DH. Cauda equina syndrome in patients with low lumbar fractures. *Neurosurg Focus*. 2004 Jun 15;16(6):e6. PubMed PMID: 15202876.
- 1761: Ozgen S, Baykan N, Dogan IV, Konya D, Pamir MN. Cauda equina syndrome after induction of spinal anesthesia. *Neurosurg Focus*. 2004 Jun 15;16(6):e5. PubMed PMID: 15202875.
- 1762: Harrop JS, Hunt GE Jr, Vaccaro AR. Conus medullaris and cauda equina syndrome as a result of traumatic injuries: management principles. *Neurosurg Focus*. 2004 Jun 15;16(6):e4. Review. PubMed PMID: 15202874.
- 1763: Bagley CA, Gokaslan ZL. Cauda equina syndrome caused by primary and metastatic neoplasms. *Neurosurg Focus*. 2004 Jun 15;16(6):e3. Review. PubMed PMID: 15202873.
- 1764: Cohen DB. Infectious origins of cauda equina syndrome. *Neurosurg Focus*. 2004 Jun 15;16(6):e2. Review. PubMed PMID: 15202872.
- 1765: Kebaish KM, Awad JN. Spinal epidural hematoma causing acute cauda equina syndrome. *Neurosurg Focus*. 2004 Jun 15;16(6):e1. Review. PubMed PMID: 15202871.

- 1766: Liu JK, Gottfried ON, Cole CD, Dougherty WR, Couldwell WT. Porous polyethylene implant for cranioplasty and skull base reconstruction. *Neurosurg Focus*. 2004 Mar 15;16(3):ECP1. PubMed PMID: 15198501.
- 1767: Cohen SR, Holmes RE, Meltzer HS, Levy ML, Beckett MZ. Craniofacial reconstruction with a fast resorbing polymer: a 6- to 12-month clinical follow-up review. *Neurosurg Focus*. 2004 Mar 15;16(3):E12. PubMed PMID: 15198500.
- 1768: Coe JD. Instrumented transforaminal lumbar interbody fusion with bioabsorbable polymer implants and iliac crest autograft. *Neurosurg Focus*. 2004 Mar 15;16(3):E11. PubMed PMID: 15198499.
- 1769: Kuklo TR, Rosner MK, Polly DW Jr. Computerized tomography evaluation of a resorbable implant after transforaminal lumbar interbody fusion. *Neurosurg Focus*. 2004 Mar 15;16(3):E10. PubMed PMID: 15198498.
- 1770: Lanman TH, Hopkins TJ. Lumbar interbody fusion after treatment with recombinant human bone morphogenetic protein-2 added to poly(L-lactide-co-D,L-lactide) bioresorbable implants. *Neurosurg Focus*. 2004 Mar 15;16(3):E9. PubMed PMID: 15198497.
- 1771: Couture DE, Branch CL Jr. Posterior lumbar interbody fusion with bioabsorbable spacers and local autograft in a series of 27 patients. *Neurosurg Focus*. 2004 Mar 15;16(3):E8. PubMed PMID: 15198496.
- 1772: Vaccaro AR, Robbins MM, Madigan L, Albert TJ, Smith W, Hilibrand AS. Early findings in a pilot study of anterior cervical fusion in which bioabsorbable interbody spacers were used in the treatment of cervical degenerative disease. *Neurosurg Focus*. 2004 Mar 15;16(3):E7. PubMed PMID: 15198495.
- 1773: Lanman TH, Hopkins TJ. Early findings in a pilot study of anterior cervical interbody fusion in which recombinant human bone morphogenetic protein-2 was used with poly(L-lactide-co-D,L-lactide) bioabsorbable implants. *Neurosurg Focus*. 2004 Mar 15;16(3):E6. PubMed PMID: 15198494.
- 1774: Cornwall GB, Ames CP, Crawford NR, Chamberlain RH, Rubino AM, Seim HB 3rd, Turner AS. In vivo evaluation of bioresorbable polylactide implants for cervical graft containment in an ovine spinal fusion model. *Neurosurg Focus*. 2004 Mar 15;16(3):E5. PubMed PMID: 15198493.
- 1775: Lippman CR, Hajjar M, Abshire B, Martin G, Engelman RW, Cahill DW. Cervical spine fusion with bioabsorbable cages. *Neurosurg Focus*. 2004 Mar 15;16(3):E4. PubMed PMID: 15198492.
- 1776: Krijnen MR, Smit TH, Strijkers GJ, Nicolay K, Pouwels PJ, Wuisman PI. The use of high-resolution magnetic resonance imaging for monitoring interbody fusion and bioabsorbable cages: an ex vivo pilot study. *Neurosurg Focus*. 2004 Mar 15;16(3):E3. PubMed PMID: 15198491.
- 1777: Klopp LS, Welch WC, Tai JW, Toth JM, Cornwall GB, Turner AS. Use of polylactide resorbable film as a barrier to postoperative peridural adhesion in an ovine dorsal laminectomy model. *Neurosurg Focus*. 2004 Mar 15;16(3):E2. PubMed PMID: 15198490.
- 1778: Robbins MM, Vaccaro AR, Madigan L. The use of bioabsorbable implants in spine surgery. *Neurosurg Focus*. 2004 Mar 15;16(3):E1. Review. PubMed PMID: 15198489.
- 1779: Lehman RM. A review of neurophysiological testing. *Neurosurg Focus*. 2004 Apr 15;16(4):ECP1. Review. PubMed PMID: 15191342.
- 1780: Piersanti M. Growth hormone replacement for patients with adult onset growth hormone

deficiency-what have we learned. *Neurosurg Focus*. 2004 Apr 15;16(4):E12. Review. PubMed PMID: 15191341.

1781: Fassett DR, Schmidt MH. Spinal epidural lipomatosis: a review of its causes and recommendations for treatment. *Neurosurg Focus*. 2004 Apr 15;16(4):E11. Review. PubMed PMID: 15191340.

1782: Amini A, Schmidt MH. Syndrome of inappropriate secretion of antidiuretic hormone and hyponatremia after spinal surgery. *Neurosurg Focus*. 2004 Apr 15;16(4):E10. Review. PubMed PMID: 15191339.

1783: Cole CD, Gottfried ON, Liu JK, Couldwell WT. Hyponatremia in the neurosurgical patient: diagnosis and management. *Neurosurg Focus*. 2004 Apr 15;16(4):E9. Review. PubMed PMID: 15191338.

1784: Fassett DR, Couldwell WT. Metastases to the pituitary gland. *Neurosurg Focus*. 2004 Apr 15;16(4):E8. Review. PubMed PMID: 15191337.

1785: Ragel BT, Couldwell WT. Pituitary carcinoma: a review of the literature. *Neurosurg Focus*. 2004 Apr 15;16(4):E7. Review. PubMed PMID: 15191336.

1786: Verrees M, Arafah BM, Selman WR. Pituitary tumor apoplexy: characteristics, treatment, and outcomes. *Neurosurg Focus*. 2004 Apr 15;16(4):E6. Review. PubMed PMID: 15191335.

1787: Hentschel SJ, McCutcheon IE. Stereotactic radiosurgery for Cushing disease. *Neurosurg Focus*. 2004 Apr 15;16(4):E5. Review. PubMed PMID: 15191334.

1788: Simard M. The biochemical investigation of Cushing syndrome. *Neurosurg Focus*. 2004 Apr 15;16(4):E4. Review. PubMed PMID: 15191333.

1789: Ezzat S. Pharmacological approach to the treatment of acromegaly. *Neurosurg Focus*. 2004 Apr 15;16(4):E3. Review. PubMed PMID: 15191332.

1790: Liu JK, Couldwell WT. Contemporary management of prolactinomas. *Neurosurg Focus*. 2004 Apr 15;16(4):E2. Review. PubMed PMID: 15191331.

1791: Vance ML. Treatment of patients with a pituitary adenoma: one clinician's experience. *Neurosurg Focus*. 2004 Apr 15;16(4):E1. Review. PubMed PMID: 15191330.

1792: Binder DK, Smith JS, Barbaro NM. Primary brachial plexus tumors: imaging, surgical, and pathological findings in 25 patients. *Neurosurg Focus*. 2004 May 15;16(5):E11. Review. PubMed PMID: 15174831.

1793: Cohen-Gadol AA, Krauss WE, Spinner RJ. Delayed central nervous system superficial siderosis following brachial plexus avulsion injury. Report of three cases. *Neurosurg Focus*. 2004 May 15;16(5):E10. Review. PubMed PMID: 15174830.

1794: van der Sluijs JA, van Ouwerkerk WJ, Manoliu RA, Wuisman PI. Secondary deformities of the shoulder in infants with an obstetrical brachial plexus lesions considered for neurosurgical treatment. *Neurosurg Focus*. 2004 May 15;16(5):E9. PubMed PMID: 15174829.

1795: Barrie KA, Steinmann SP, Shin AY, Spinner RJ, Bishop AT. Gracilis free muscle transfer for restoration of function after complete brachial plexus avulsion. *Neurosurg Focus*. 2004 May

15;16(5):E8. Review. PubMed PMID: 15174828.

1796: Carlstedt T, Anand P, Htut M, Misra P, Svensson M. Restoration of hand function and so called "breathing arm" after intraspinal repair of C5-T1 brachial plexus avulsion injury. Case report. Neurosurg Focus. 2004 May 15;16(5):E7. PubMed PMID: 15174827.

1797: Ferraresi S, Garozzo D, Buffatti P. Reinnervation of the biceps in C5-7 brachial plexus avulsion injuries: results after distal bypass surgery. Neurosurg Focus. 2004 May 15;16(5):E6. Review. PubMed PMID: 15174826.

1798: Midha R. Nerve transfers for severe brachial plexus injuries: a review. Neurosurg Focus. 2004 May 15;16(5):E5. Review. PubMed PMID: 15174825.

1799: Kim DH, Murovic JA, Tiel RL, Kline DG. Infraclavicular brachial plexus stretch injury. Neurosurg Focus. 2004 May 15;16(5):E4. Review. PubMed PMID: 15174824.

1800: Kim DH, Murovic JA, Tiel RL, Kline DG. Penetrating injuries due to gunshot wounds involving the brachial plexus. Neurosurg Focus. 2004 May 15;16(5):E3. Review. PubMed PMID: 15174823.

1801: Kim DH, Murovic JA, Tiel RL, Kline DG. Mechanisms of injury in operative brachial plexus lesions. Neurosurg Focus. 2004 May 15;16(5):E2. Review. PubMed PMID: 15174822.

1802: Burnett MG, Zager EL. Pathophysiology of peripheral nerve injury: a brief review. Neurosurg Focus. 2004 May 15;16(5):E1. Review. PubMed PMID: 15174821.

1803: Harter DH, Doherty PF, Chin LS. Current concepts of apoptosis. Neurosurg Focus. 1997 Sep 15;3(3):e6. PubMed PMID: 15104418.

1804: Lazio BE, Chin LS. Growth factors in central nervous system development and tumorigenesis. Neurosurg Focus. 1997 Sep 15;3(3):e5. PubMed PMID: 15104417.

1805: Litofsky NS, Recht LD. The impact of p53 tumor suppressor gene on glioma biology. Neurosurg Focus. 1997 Sep 15;3(3):e4. PubMed PMID: 15104416.

1806: Thomas JE. Molecular biological considerations in cerebral vasospasm following aneurysmal subarachnoid hemorrhage. Neurosurg Focus. 1997 Sep 15;3(3):e3. PubMed PMID: 15104415.

1807: Tang G, Chiocca A. Gene transfer and delivery in central nervous system disease. Neurosurg Focus. 1997 Sep 15;3(3):e2. PubMed PMID: 15104414.

1808: Chin LS, Singh SK, Eisenberg HM. Cell and molecular biology for neurosurgeons (or everything you wanted to know about molecular biology but were afraid to download). Neurosurg Focus. 1997 Sep 15;3(3):e1. PubMed PMID: 15104413.

1809: Wanebo JE, Louis HG, Arthur AS, Zhou J, Kassell NF, Lee KS, Helm GA. Attenuation of cerebral vasospasm by systemic administration of an endothelin-A receptor antagonist, TBC 11251, in a rabbit model of subarachnoid hemorrhage. Neurosurg Focus. 1997 Oct 15;3(4):ARTICLE. PubMed PMID: 15104411.

1810: Macdonald RL, Weir B, Zhang J, Marton LS, Sajdak M, Johns LM. Adenosine triphosphate and hemoglobin in vasospastic monkeys. Neurosurg Focus. 1997 Oct 15;3(4):e3. PubMed PMID: 15104409.

1811: Cappelletto B, Caner HH, Schottler F, Kwan AL, Eveleth D, Foley PL, Kassell NF, Lee KS.

Attenuation of vasospasm and hemoglobin-induced constriction in the rabbit basilar artery by a novel protease inhibitor. *Neurosurg Focus*. 1997 Oct 15;3(4):e2. PubMed PMID: 15104408.

1812: Savitz MH. Soft disc herniation in patients with lumbar stenosis. *Neurosurg Focus*. 1997 Aug 15;3(2):e7. PubMed PMID: 15104425.

1813: Jane JA Jr, DiPierro CG, Helm GA, Shaffrey CI, Jane JA Sr. Acquired lumbar stenosis: topic review and a case series. *Neurosurg Focus*. 1997 Aug 15;3(2):e6. PubMed PMID: 15104424.

1814: Coric D, Branch CL Jr. Posterior lumbar interbody fusion in the treatment of symptomatic spinal stenosis. *Neurosurg Focus*. 1997 Aug 15;3(2):e5. PubMed PMID: 15104423.

1815: Detwiler PW, Marciano FF, Porter RW, Sonntag VK. Lumbar stenosis: indications for fusion with and without instrumentation. *Neurosurg Focus*. 1997 Aug 15;3(2):e4; discussion 1 p following e4. PubMed PMID: 15104422.

1816: Caputy AJ, Spence CA, Bejjani GK, Luessenhop AJ. The role of spinal fusion in surgery for lumbar spinal stenosis: a review. *Neurosurg Focus*. 1997 Aug 15;3(2):e3; discussion 1 p following e4. PubMed PMID: 15104421.

1817: Fox MW, Onofrio BM. Indications for fusion following decompression for lumbar spinal stenosis. *Neurosurg Focus*. 1997 Aug 15;3(2):e2; discussion 1 p following e4. PubMed PMID: 15104420.

1818: Epstein NE. Surgical management of lumbar stenosis: decompression and indications for fusion. *Neurosurg Focus*. 1997 Aug 15;3(2):e1; discussion 1 p following e4. PubMed PMID: 15104419.

1819: Laws ER Jr. Referral guidelines: carpal tunnel syndrome. *Neurosurg Focus*. 1997 Jul 15;3(1):e11. PubMed PMID: 15099048.

1820: Henkin P, Friedman AH. Complications in the treatment of carpal tunnel syndrome. *Neurosurg Focus*. 1997 Jul 15;3(1):e10. PubMed PMID: 15099047.

1821: Pagnanelli DM, Barrer SJ. Outcome of carpal tunnel release surgery in patients with diabetes. *Neurosurg Focus*. 1997 Jul 15;3(1):e9. PubMed PMID: 15099046.

1822: Degnan GG. Postoperative management following carpal tunnel release surgery: principles of rehabilitation. *Neurosurg Focus*. 1997 Jul 15;3(1):e8. PubMed PMID: 15099045.

1823: Jimenez DF, Gibbs SR, Clapper AT. Endoscopic treatment of carpal tunnel syndrome: a critical review. *Neurosurg Focus*. 1997 Jul 15;3(1):e6. PubMed PMID: 15099044.

1824: Piccirilli CB, Shaffrey CI, Young JN, Lovell LR. Two-portal endoscopic carpal tunnel release surgery: report of early experience. *Neurosurg Focus*. 1997 Jul 15;3(1):e5. PubMed PMID: 15099043.

1825: Rabb CH, Kuether T. Initial experience with endoscopic carpal tunnel release surgery. *Neurosurg Focus*. 1997 Jul 15;3(1):e4. PubMed PMID: 15099042.

1826: Shapiro S. Microsurgical carpal tunnel release. *Neurosurg Focus*. 1997 Jul 15;3(1):e3. PubMed PMID: 15099041.

1827: Phillips LH 2nd, Juel VC. The role of electrodiagnostic testing in carpal tunnel syndrome. *Neurosurg Focus*. 1997 Jul 15;3(1):e2. PubMed PMID: 15099040.

1828: Friedman AH. Surgical anatomy of the carpal tunnel. *Neurosurg Focus*. 1997 Jul 15;3(1):e1.

PubMed PMID: 15099039.

1829: Rubio G, Guijo CG, Baez JM. Facial nerve palsy produced by plasma cell granuloma. *Neurosurg Focus*. 1997 Jun 15;2(6):1 p following e5. PubMed PMID: 15099053.

1830: Zlokovic BV. Antithrombotic, procoagulant, and fibrinolytic mechanisms in cerebral circulation: implications for brain injury and protection. *Neurosurg Focus*. 1997 Jun 15;2(6):e5. PubMed PMID: 15099052.

1831: Lavine SD, Masri LS, Levy ML, Giannotta SL. Temporary occlusion of the middle cerebral artery in intracranial aneurysm surgery: time limitation and advantage of brain protection. *Neurosurg Focus*. 1997 Jun 15;2(6):e4. PubMed PMID: 15099051.

1832: Gao E, Young WL, Pile-Spellman J, Ornstein E, Ma Q. Deliberate systemic hypotension to facilitate endovascular therapy of cerebral arteriovenous malformations: a computer modeling study. *Neurosurg Focus*. 1997 Jun 15;2(6):e3. PubMed PMID: 15099050.

1833: Heine J, Scheinichen D, Jaeger K, Emmendoerffer A, Leuwer M. Inhibition of neutrophil respiratory burst and chemotaxis in vitro by thiopentone but not methohexitone. *Neurosurg Focus*. 1997 Jun 15;2(6):e1. PubMed PMID: 15099049.

1834: Hatton J, Rapp RP, Kudsk KA, Brown RO, Luer MS, Bukar JG, Chen SA, McClain CJ, Gesundheit N, Dempsey RJ, Young B. Intravenous insulin-like growth factor-I (IGF-I) in moderate-to-severe head injury: a Phase II safety and efficacy trial. *Neurosurg Focus*. 1997 May 15;2(5):ECP1; discussion 1 p following ECP1. PubMed PMID: 15096005.

1835: Wirtz CR, Steiner T, Aschoff A, Schwab S, Schnippering H, Steiner HH, Hacke W, Kunze S. Hemicraniectomy with dural augmentation in medically uncontrollable hemispheric infarction. *Neurosurg Focus*. 1997 May 15;2(5):E3; discussion 1 p following E3. PubMed PMID: 15096004.

1836: Hoffman WE, Charbel FT, Edelman G, Ausman JI. Brain tissue acid-base changes during ischemia. *Neurosurg Focus*. 1997 May 15;2(5):E2; discussion 1 p following E2. PubMed PMID: 15096003.

1837: Rawanduzy A, Hansen A, Hansen TW, Nedergaard M. Effective reduction of infarct volume by gap junction blockade in a rodent model of stroke. *Neurosurg Focus*. 1997 May 15;2(5):E1; discussion 1 p following E1. PubMed PMID: 15096002.

1838: Engelhard HH. Current status of radiation therapy and radiosurgery in the treatment of intracranial meningiomas. *Neurosurg Focus*. 1997 Apr 15;2(4):e6. PubMed PMID: 15096009.

1839: Vukovich TC, Gabriel A, Schaefer B, Veitl M, Matula C, Spiss CK. Hemostasis activation in patients undergoing brain tumor surgery. *Neurosurg Focus*. 1997 Apr 15;2(4):e5. PubMed PMID: 15096008.

1840: Palma L, Celli P, Franco C, Cervoni L, Cantore G. Long-term prognosis for atypical and malignant meningiomas: a study of 71 surgical cases. *Neurosurg Focus*. 1997 Apr 15;2(4):e3. PubMed PMID: 15096007.

1841: Lefkowitz MA, Hinton DR, Weiss MH, Giannotta SL, Couldwell WT. Prognostic variables in surgery for skull base meningiomas. *Neurosurg Focus*. 1997 Apr 15;2(4):e2. PubMed PMID: 15096006.

1842: Young RF, Shumway-Cook A, Vermeulen SS, Grimm P, Blasko J, Posewitz A. Gamma knife

radiosurgery as a lesioning technique in movement disorder surgery. *Neurosurg Focus*. 1997 Mar 15;2(3):e11. PubMed PMID: 15096017.

1843: Tronnier VM, Fogel W, Kronenbuerger M, Steinvorth S. Pallidal stimulation: an alternative to pallidotomy? *Neurosurg Focus*. 1997 Mar 15;2(3):e10. PubMed PMID: 15096016.

1844: Kim R, Alterman R, Kelly PJ, Fazzini E, Eidelberg D, Beric A, Sterio D. Efficacy of bilateral pallidotomy. *Neurosurg Focus*. 1997 Mar 15;2(3):e8. PubMed PMID: 15096015.

1845: Riordan HJ, Flashman LA, Roberts DW. Neurocognitive and psychosocial correlates of ventroposterolateral pallidotomy surgery in Parkinson's disease. *Neurosurg Focus*. 1997 Mar 15;2(3):e7. PubMed PMID: 15096014.

1846: Iacono RP, Carlson JD, Kuniyoshi S, Mohamed A, Meltzer C, Yamada S. Contemporaneous bilateral pallidotomy. *Neurosurg Focus*. 1997 Mar 15;2(3):e5. PubMed PMID: 15096013.

1847: Bonaroti EA, Rose RD, Kondziolka D, Baser S, Lunsford LD. Flash visual evoked potential monitoring of optic tract function during macroelectrode-based pallidotomy. *Neurosurg Focus*. 1997 Mar 15;2(3):e4. PubMed PMID: 15096012.

1848: Burns JM, Wilkinson S, Overman J, Kieltyka J, Lundsgaarde T, Tollefson T, Koller WC, Pahwa R, Tröster AI, Lyons KE, Batnitzky S, Wetzel L, Gordon MA. Magnetic resonance image evaluation of pallidotomy lesions: a volumetric and shape analysis. *Neurosurg Focus*. 1997 Mar 15;2(3):e3. PubMed PMID: 15096011.

1849: Taha JM, Favre J, Baumann TK, Burchiel KJ. Tremor control after pallidotomy in patients with Parkinson's disease: correlation with microrecording findings. *Neurosurg Focus*. 1997 Mar 15;2(3):e2. PubMed PMID: 15096010.

1850: Carson BS, James CS, VanderKolk CA, Guarnieri M. Lambdoid synostosis and occipital plagiocephaly: clinical decision rules for surgical intervention. *Neurosurg Focus*. 1997 Feb 15;2(2):e5; discussion 1 p following e5. PubMed PMID: 15096021.

1851: Lin KY, Polin RS, Gampper T, Jane JA. Occipital flattening in the infant skull. *Neurosurg Focus*. 1997 Feb 15;2(2):e4; discussion 1 p following e4. PubMed PMID: 15096020.

1852: Moss SD. Nonsurgical, nonorthotic treatment of occipital plagiocephaly: what is the natural history of the misshapen neonatal head? *Neurosurg Focus*. 1997 Feb 15;2(2):e3; discussion 1 p following e3. PubMed PMID: 15096019.

1853: Pomatto JK, Littlefield TR, Manwaring K, Beals SP. Etiology of positional plagiocephaly in triplets and treatment using a dynamic orthotic cranioplasty device. Report of three cases. *Neurosurg Focus*. 1997 Feb 15;2(2):e2; discussion 1 p following e2. PubMed PMID: 15096018.

1854: Foroohar M, Herman M, Heller S, Levy RM. Radiofrequency trigeminal rhizolysis for the treatment of trigeminal neuralgia secondary to brainstem infarction. Report of two cases. *Neurosurg Focus*. 1997 Jan 15;2(1):e6. PubMed PMID: 15096027.

1855: Kanpolat Y, Savas A, Caglar S, Akyar S. Computerized tomography-guided percutaneous extralemniscal myelotomy. *Neurosurg Focus*. 1997 Jan 15;2(1):e5. PubMed PMID: 15096026.

1856: Kanpolat Y, Savas A, Caglar S, Temiz C, Akyar S. Computerized tomography-guided percutaneous bilateral selective cordotomy. *Neurosurg Focus*. 1997 Jan 15;2(1):e4. PubMed PMID:

15096025.

1857: North RB, Lanning A, Hessels R, Cutchis PN. Spinal cord stimulation with percutaneous and plate electrodes: side effects and quantitative comparisons. *Neurosurg Focus*. 1997 Jan 15;2(1):e3. PubMed PMID: 15096024.

1858: Levy RM. Quantitative, crossover, double-blind trial paradigm for patient screening for chronic intraspinal narcotic administration. *Neurosurg Focus*. 1997 Jan 15;2(1):e2. PubMed PMID: 15096023.

1859: North RB, McNamee JP, Wu L, Piantadosi S. Artificial neural networks: application to electrical stimulation of the human nervous system. *Neurosurg Focus*. 1997 Jan 15;2(1):e1. PubMed PMID: 15096022.

1860: Naderi S, Alberstone CD, Rupp FW, Benzel EC, Baldwin NG. Cervical spondylotic myelopathy treated with corpectomy: technique and results in 44 patients. *Neurosurg Focus*. 1996 Dec 15;1(6):e5; discussion 1 p following e5. PubMed PMID: 15096030.

1861: Morimoto T, Yamada T, Nagata K, Matsuyama T, Sakaki T. Intramedullary gadolinium-DTPA enhancement in a patient with cervical spondylotic myelopathy and an associated vascular lesion. Case report. *Neurosurg Focus*. 1996 Dec 15;1(6):e3. PubMed PMID: 15096029.

1862: Naderi S, Benzel EC, Baldwin NG. Cervical spondylotic myelopathy: surgical decision making. *Neurosurg Focus*. 1996 Dec 15;1(6):e1. PubMed PMID: 15096028.

1863: Germano IM. Transsulcal approach to mesiotemporal lesions. Anatomy, technique, and report of three cases. *Neurosurg Focus*. 1996 Nov 15;1(5):e4. PubMed PMID: 15099055.

1864: Laws ER Jr, Bertram EH 3rd. Epilepsy surgery in children and adolescents. *Neurosurg Focus*. 1996 Nov 15;1(5):e1. PubMed PMID: 15099054.

1865: Kim MH, Song JH, Kim SH, Park DB, Shin KM. A new trend in operative technique for intracerebral hemorrhage: a comparative study of stereotactic endoscopic removal and stereotactic catheter drainage. *Neurosurg Focus*. 1996 Oct 15;1(4):e2; discussion e2. PubMed PMID: 15095990.

1866: Leblanc R, Meyer E, Zatorre R, Klein D, Evans A. Functional imaging of cerebral arteriovenous malformations with a comment on cortical reorganization. *Neurosurg Focus*. 1996 Sep 15;1(3):e4; discussion 1 p following e4. PubMed PMID: 15095992.

1867: Suzuki A, Yoshioka K, Nishimura H, Yasui N. Functional localization of sensorimotor cortex by somatosensory evoked potentials produced by femoral nerve stimulation. *Neurosurg Focus*. 1996 Sep 15;1(3):e3; discussion 1 p following e3. PubMed PMID: 15095991.

1868: Brown JA, Chittum CJ, Sabol D, Gouda JJ. Percutaneous balloon compression of the trigeminal nerve for treatment of trigeminal neuralgia. *Neurosurg Focus*. 1996 Aug 15;1(2):e4; discussion 1 p following e4. PubMed PMID: 15095995.

1869: Menovsky T, van Overbeeke JJ. Intracranial nerve repair: a review of experimental and clinical studies. *Neurosurg Focus*. 1996 Aug 15;1(2):e2. PubMed PMID: 15095994.

1870: Grabb PA, Albright AL, Sclabassi RJ, Pollack IF. Continuous intraoperative electromyographic monitoring of cranial nerves during resection of fourth ventricular tumors in children. *Neurosurg Focus*. 1996 Aug 15;1(2):e1; discussion 1 p following e1. PubMed PMID: 15095993.

1871: Lyons MK, Gonzales GR, Schild SE, Nelson KD. Radiation-induced meningioma following radiation therapy for pituitary adenoma. Case report. Neurosurg Focus. 1996 Jul 15;1(1):e8; discussion 1 p following e8. PubMed PMID: 15096001.

1872: Brisman MH, Morgello S, Silvers A, Klein I, Post KD. Idiopathic granulomatous hypophysitis. Neurosurg Focus. 1996 Jul 15;1(1):e7. PubMed PMID: 15096000.

1873: Couldwell WT, Weiss MH. Defining postoperative values for successful resection of prolactinomas. Neurosurg Focus. 1996 Jul 15;1(1):e6; discussion 1p following e6. PubMed PMID: 15095999.

1874: Laws ER Jr, Thorner MO, Vance ML. Bromocriptine therapy for prolactin-secreting pituitary adenomas. Neurosurg Focus. 1996 Jul 15;1(1):e4; discussion 1p following e6. PubMed PMID: 15095998.

1875: Jho HD, Carrau RL, McLaughlin ML, Somaza SC. Endoscopic transsphenoidal resection of a large chordoma in the posterior fossa. Case report. Neurosurg Focus. 1996 Jul 15;1(1):e3; discussion 1p following e3. PubMed PMID: 15095997.

1876: Cusimano MD, Fenton RS. The technique for endoscopic pituitary tumor removal. Neurosurg Focus. 1996 Jul 15;1(1):e1; discussion 1p following e3. PubMed PMID: 15095996.

From:

<https://neurocirugiacontemporanea.es/wiki/> - **Neurocirugía Contemporánea ISSN 1988-2661**

Permanent link:

https://neurocirugiacontemporanea.es/wiki/doku.php?id=neurosurgical_focus

Last update: **2025/05/04 00:00**

