

DOUGLAS L. BROCKMEYER, MD PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES

1. **Brockmeyer DL**, Wright LC, Walker ML, Ward RM. (1989). Management of posthemorrhagic hydrocephalus in the low-birth-weight preterm neonate. *Pediatr Neurosci*, 15(6), 302-7; discussion 308.
2. Harris CP, Dias MS, **Brockmeyer DL**, Townsend JJ, Willis BK, Apfelbaum RI. (1991). Neurenteric cysts of the posterior fossa: recognition, management, and embryogenesis. *Neurosurgery*, 29(6), 893-7; discussion 897-8.
3. Fults D, **Brockmeyer D**, Tullous MW, Pedone CA, Cawthon RM. (1992). p53 mutation and loss of heterozygosity on chromosomes 17 and 10 during human astrocytoma progression. *Cancer Res*, 52(3), 674-9.
4. **Brockmeyer D**, Apfelbaum R, Tippets R, Walker M, Carey L. (1995). Pediatric cervical spine instrumentation using screw fixation. *Pediatr Neurosurg*, 22(3), 147-57.
5. Walker ML, Carey L, **Brockmeyer DL**. (1995). The NeuroNavigational 1.2-mm Neuroview Neuroendoscope. *Neurosurgery*, 36(3), 617-8.
6. **Brockmeyer DL**, Walker ML, Thompson G, Fults DW. (1997). Astrocytoma and pineoblastoma arising sequentially in the fourth ventricle of the same patient. Case report and molecular analysis. *Pediatr Neurosurg*, 26(1), 36-40.
7. **Brockmeyer DL**, Thompson BG, Jacobs J, Carey L, Walker ML, Heilbrun MP. (1997). Multidisciplinary management of pediatric arteriovenous malformations. *Journal of Neurovascular Disease*, 2(3), 101-106.
8. Uchiyama CM, Carey CM, Cherny WB, **Brockmeyer DL**, Falkner LD, Walker ML, Boyer RS. (1997). Choroid plexus papilloma and cysts in the Aicardi syndrome: case reports. *Pediatr Neurosurg*, 27(2), 100-4.
9. Christenson JC, Pavia AT, Seskin K, **Brockmeyer D**, Korgenski EK, Jenkins E, Pierce J, Daly JA. (1997). Meningitis due to *Ochrobactrum anthropi*: an emerging nosocomial pathogen. A report of 3 cases. *Pediatr Neurosurg*, 27(4), 218-21.
10. Abtin K, **Brockmeyer DL**, Petronio J, Walker ML. (1999). Intracranial endoscopy. *Pediatr Neurosurg*, 41, 777-793.
11. **Brockmeyer DL**, Apfelbaum RI. (1999). A new occipitocervical fusion construct in pediatric patients with occipitocervical instability. Technical note. *J Neurosurg*, 90(4 Suppl), 271-5.
12. **Brockmeyer DL**, York JE, Apfelbaum RI. (2000). Anatomical suitability of C1-2 transarticular screw placement in pediatric patients. *J Neurosurg*, 92(1 Suppl), 7-11.
13. **Brockmeyer DL**. (2002). A bone and cable girth-hitch technique for atlantoaxial fusion in pediatric patients. *J Neurosurg*, 97, 400-402.
14. **Brockmeyer DL**. (2002). Spinal cord and spinal column injuries in children: Current management options. *Seminars in Neurosurgery*, 13(1), 39-46.
15. Swartz KR, Resnick DK, Iskandar BJ, Wargowski D, **Brockmeyer DL**, Optiz JM. (2003). Craniocervical anomalies in Dubowitz syndrome. *Pediatr Neurosurg*, 38, 238-243.
16. **Brockmeyer D**, Gruber DP, Haller J, Shelton C, Walker ML. (2003). Pediatric skull base surgery. 2. Experience and outcomes in 55 patients. *Pediatr Neurosurg*, 38(1), 9-15.
17. Gruber D, **Brockmeyer DL**. (2003). Pediatric skull base surgery: Part I-Embryology and developmental anatomy. *Pediatr Neurosurg*, 38, 2-8.
18. **Brockmeyer DL**, Gruber D, Haller J, Shelton C, Walker ML. (2003). Pediatric skull base surgery: Part II-Experience and outcomes in 55 patients. *Pediatr Neurosurg*, 38, 9-15.
19. **Brockmeyer DL**, Gollogly S, Smith JT. (2003). Scoliosis associated with Chiari I malformations: The effect of suboccipital decompression on scoliosis curve progression. A preliminary study. *Spine*, 28(22), 2505-2509.
20. Aldana PR, Kestle JR, **Brockmeyer DL**, Walker ML. (2003). Results of endoscopic septal fenestration in the treatment of isolated ventricular hydrocephalus. *Pediatr Neurosurg*, 38(6), 286-294.
21. **Brockmeyer D**, Gollogly S, Smith JT. (2003). Scoliosis associated with Chiari I malformations: the effect of suboccipital decompression on scoliosis curve progression: a preliminary study. *Spine*, 28(22), 2505-9.
22. Liu JK, **Brockmeyer DL**, Dailey AT, Schmidt MH. (2003). Surgical management of aneurysmal bone cysts of the spine. *Neurosurg Focus*, 15(5), E4.
23. Gilbert R, Park A, **Brockmeyer DL**. (2004). A new approach to the reconstruction of extensive congenital nasal dermoids. *Laryngoscope*, 114(10), 1861-1863.
24. Anderson RC, Kan P, Klimo P, **Brockmeyer DL**, Walker ML, Kestle JR. (2004). Complications of intracranial pressure monitoring in children with head trauma. *J Neurosurg*, 101(1 Suppl), 53-8.
25. Kestle J, Townsend JJ, **Brockmeyer DL**, Walker ML. (2004). Juvenile pilocytic astrocytoma of the brainstem in children. *J Neurosurg*, 101(1 Suppl), 1-6.
26. Gluf WM, **Brockmeyer DL**. (2005). Atlantoaxial transarticular screw fixation: a review of surgical indications,

- fusion rate, complications, and lessons learned in 67 pediatric patients. *J Neurosurg Spine*, 2(2), 164-9.
27. Adelson PD, Ragheb J, Kanev P, **Brockmeyer D**, Beers SR, Brown SD, Cassidy LD, Chang Y, Levin H. (2005). Phase II clinical trial of moderate hypothermia after severe traumatic brain injury in children. *Neurosurgery*, 56(4), 740-54; discussion 740-54.
 28. Adelson PD, Ragheb J, Muizelaar JP, Kanev P, **Brockmeyer DL**, Beers SR, Brown SD, Cassidy LD, Chang Y, Levin H. (2005). Phase II clinical trial of moderate hypothermia after severe traumatic brain injury in children. *Neurosurgery*, 56(4), 740-754.
 29. Anderson RCE, Saife ER, Fenton SJ, Kan P, Hansen KW, **Brockmeyer DL**. (2005). Cervical spine clearance after trauma in children. *J Neurosurg: Ped*, 105(5 Suppl), 361-364.
 30. Anderson RCE, Kan P, Hanson K, **Brockmeyer DL**. (2006). Cervical spine clearance after trauma in children. *Neurosurg Focus*, 20(2), E3.
 31. Anderson RCE, Kan P, Gluf W, **Brockmeyer DL**. (2006). Long-term maintenance of cervical alignment after occipital-cervical and atlanto-axial fusions in young children. *J Neurosurg Pediatr*, 105, 55-61.
 32. Browd S, Healy LJ, Dobie G, Johnson III JT, Jones GM, Rodriguez LF, **Brockmeyer DL**. (2006). Morphometric and qualitative analysis of congenital occipitocervical instability in children: implications for patients with Down syndrome. *J Neurosurg: Ped*, 105(1 Suppl), 50-54.
 33. Kan P, Amini A, Hansen K, White GL Jr, **Brockmeyer DL**, Walker ML, Kestle JR. (2006). Outcomes after decompressive craniectomy for severe traumatic brain injury in children. *J Neurosurg*, 105(5 Suppl), 337-42.
 34. Fassett DR, Clark R, **Brockmeyer DL**, Schmidt MH. (2006). Cervical spine deformity associated with resection of spinal cord tumors. *Neurosurg Focus*, 20(2), E2.
 35. Fassett DR, McCall T, **Brockmeyer DL**. (2006). Odontoid synchondrosis fractures in children. *Neurosurg Focus*, 20(2), E7.
 36. Kan P, Liu JK, Hedlund G, **Brockmeyer DL**. (2006). The role of diffusion-weighted magnetic resonance imaging in pediatric brain tumors. *J Neurosurg*, 105(6), 1435-1439.
 37. Klimo P Jr, Rao G, **Brockmeyer DL**. (2007). Pediatric arteriovenous malformations: a 15-year experience. *Childs Nerv Syst*, 23(1), 31-37.
 38. Binning M, Ragel B, **Brockmeyer DL**, Walker ML, Kestle JR. (2007). Evaluation of the necessity of postoperative imaging after craniostylosis surgery. *J Neurosurg*, 107(1 Suppl), 43-5.
 39. Anderson RC, Ragel BT, Mocco J, Bohman LE, **Brockmeyer DL**. (2007). Selection of a rigid internal fixation construct for stabilization at the craniovertebral junction in pediatric patients. *J Neurosurg*, 107(1 Suppl), 36-42.
 40. Klimo P Jr, Binning M, **Brockmeyer DL**, Apfelbaum RI. (2007). The lasso technique for posterior C1-C2 fusion. *Neurosurgery*, 61(3 Suppl), 94-9; discussion 99.
 41. Binning MJ, **Brockmeyer DL**. (2008). Novel multidisciplinary approach for treatment of langerhans cell histiocytosis of the skull base. *Skull Base*, 18(1), 53-8.
 42. Browd S.R., McIntyre J.S., **Brockmeyer D.L.** (November 2008). Failed age-dependent maturation of the occipital condyle in patients with congenital occipitoatlantal instability and Down syndrome: a preliminary analysis. *J Neurosurg Pediatr*, 2(5), 6.
 43. Pieretti-Vanmarcke R, Velmahos GC, Nance ML, Islam S, Falcone RA Jr, Wales PW, Brown RL, Gaines BA, McKenna C, Moore FO, Goslar PW, Inaba K, Barmparas G, Scaife ER, Metzger RR, **Brockmeyer DL**, Upperman JS, Estrada J, Lanning DA, Rasmussen SK, Danielson PD, Hirsh MP, Consani HF, Stylianos S, Pineda C, Norwood SH, Bruch SW, Drongowski R, Barraco RD, Pasquale MD, Hussain F, Hirsch EF, McNeely PD, Fallat ME, Foley DS, Iocono JA, Bennett HM, Waxman K, Kam K, Bakhos L, Petrovick L, Chang Y, Masiakos PT. (2009). Clinical clearance of the cervical spine in blunt trauma patients younger than 3 years: a multi-center study of the american association for the surgery of trauma. *J Trauma*, 67(3), 543-9; discussion 549-50.

NON PEER-REVIEWED JOURNAL ARTICLES

1. **Brockmeyer DL**. (2004). Techniques of endoscopic third ventriculostomy. *Neurosurg Clin N Am*, 15(1), 51-59.

REVIEW ARTICLES

1. **Brockmeyer D**, Abtin K, Carey L, Walker ML. (1998). Endoscopic third ventriculostomy: an outcome analysis. *Pediatr Neurosurg*, 28(5), 236-40.
2. **Brockmeyer D**. (1999). Down syndrome and craniovertebral instability. Topic review and treatment recommendations. *Pediatr Neurosurg*, 31(2), 71-7.
3. Gruber DP, **Brockmeyer D**. (2003). Pediatric skull base surgery. 1. Embryology and developmental anatomy. *Pediatr Neurosurg*, 38(1), 2-8.
4. **Brockmeyer D**. (2004). Techniques of endoscopic third ventriculostomy. *Neurosurg Clin N Am*, 15(1), 51-9.

5. Liu JK, **Brockmeyer DL**, Schmidt MH. (03/30/2004). Aneurysmal bone cysts of the spine. *Contemp Neurosurg*, 26(6).
6. Liu JK, **Brockmeyer DL**, Schmidt MH. (11/30/2004). Aneurysmal bone cysts of the spine. *Contemporary Spine Surgery*, 5(11).
7. Liu JK, Cole CD, Kestle JR, **Brockmeyer DL**, Walker ML. (2005). Cranial base strategies for resection of craniopharyngioma in children. *Neurosurg Focus*, 18(6A), E9.
8. McCall T, Fassett D, **Brockmeyer D**. (2006). Cervical spine trauma in children: a review. *Neurosurg Focus*, 20(2), E5.
9. McCall T, Fassett DR, **Brockmeyer DL**. (2006). Subaxial cervical spine trauma in children: A review. *Neurosurg Focus*, 20(2), E5.
10. Binning MJ, Liu JK, Kestle JR, **Brockmeyer DL**, Walker ML. (2007). Optic pathway gliomas: a review. *Neurosurg Focus*, 23(5), E2.
11. Hankinson TC, Klimo P, Feldstein NA, Anderson RCE, **Brockmeyer DL**. (2007). Chiari malformations, syringomyelomyelia, and scoliosis. *Neurosurg Clin N Am*, 18(3), 549-568.
12. Klimo Jr P, Rao G, **Brockmeyer DL**. (2007). Congenital anomalies of the cervical spine. *Neurosurg Clin N Am*, 18(3), 463-478.
13. Bishop FS, Liu JK, McCall TD, **Brockmeyer DL**. (2007). Glutaric aciduria type 1 presenting as bilateral subdural hematomas mimicking nonaccidental trauma. Case report and review of the literature. *J Neurosurg*, 106(3 Suppl), 222-6.
14. Hankinson TC, Klimo P Jr, Feldstein NA, Anderson RC, **Brockmeyer D**. (2007). Chiari malformations, syringohydromyelia and scoliosis. *Neurosurg Clin N Am*, 18(3), 549-68.
15. Klimo P Jr, Rao G, **Brockmeyer D**. (2007). Congenital anomalies of the cervical spine. *Neurosurg Clin N Am*, 18(3), 463-78.
16. Klimo P Jr, Ware ML, Gupta N, **Brockmeyer DL**. (2007). Cervical spine trauma in the pediatric patient. *Neurosurg Clin N Am*, 18(4), 599-260.
17. Klimo P Jr, Ware ML, Gupta N, **Brockmeyer D**. (2007). Cervical spine trauma in the pediatric patient. *Neurosurg Clin N Am*, 18(4), 599-620.

BOOKS

1. **Brockmeyer DL**. (2006). *Advanced Pediatric Craniocervical Surgery*. New York, NY: Thieme.

Edited Books

1. Klimo P, **Brockmeyer D**, Slotkin JR (Eds.). (2007). *Neurosurgery Clinics of North America Pediatric Spine Surgery (Part I)*. Elsevier.
2. Klimo P, **Brockmeyer D**, Slotkin JR (Eds.). (2007). *Neurosurgery Clinics of North America Pediatric Spine Surgery (Part II)*. Elsevier.

BOOK CHAPTERS

1. Heilbrun MP, **Brockmeyer DL**, Sunderland P. (1992). Stereotactic surgery for mass lesions of the cranial vault. In *Brain Surgery: Complication Avoidance and Management* (pp. 390-405).
2. Allen EM, Boyer R, Cherney WB, **Brockmeyer DL**, Tait VF. (1996). Head and spinal cord injury. In *Textbook of Pediatric Intensive Care* (3rd Edition, pp. 809-857). Park Ridge, IL: AANS Publications.
3. Poss WB, **Brockmeyer DL**, Clay B, Dean JM. (1996). Pathophysiology and clinical management of the intracranial vault. In *Textbook of pediatric Intensive Care* (3rd, pp. 645-665). Park Ridge, IL: AANS Publications.
4. Allen EM, Boyer R, Cherney WB, **Brockmeyer DL**, Tait VF. (1999). Head and spinal cord injury. In *Handbook of Pediatric Intensive Care* (pp. 403-444). Park Ridge, IL: AANS Publications.
5. Gruber DP, **Brockmeyer DL**, Walker ML. (2000). Head injuries in children. In Ashcraft (Ed.), *Pediatric Surgery* (3rd Edition, pp. 217-229). Philadelphia, PA: WB Saunders.
6. Menezes AH, Ryken TC, **Brockmeyer DL**. (2001). Abnormalities of the craniocervical junction. In *Pediatric Neurosurgery: Surgery of the Developing Nervous System* (4th Edition, pp. 400-422). Philadelphia, PA: WB Saunders.
7. **Brockmeyer DL**, Smith JT. (2001). Congenital vertebral anomalies. In *Pediatric Neurosurgery: Surgery of the Developing Nervous System* (4th Edition, pp. 428-439). Philadelphia, PA: WB Saunders.
8. **Brockmeyer DL**, Arthur A, Gruber DP, Walker ML. (01/31/2002). Anterior skull base surgery in children. In Batjer and Loftus (Ed.), *Textbook of Neurological Surgery*. Philadelphia: Lippincott Williams & Wilkins.
9. **Brockmeyer DL**. (2002). Anterior cranial fossa tumors in children. In Batjer and Loftus (Ed.), *Textbook of*

- Neurological Surgery* (pp. 1041-1045). Philadelphia, PA: Lippincott Williams & Wilkins.
10. **Brockmeyer DL.** (2002). Management of cervical fractures in children. In Batjer and Loftus (Ed.), *Textbook of Neurosurgery* (pp. 1107-1114). Philadelphia, PA: Lippincott Williams & Wilkins.
 11. **Brockmeyer DL,** Gluf WM. (2005). Spinal column tumors in pediatric patients. In Berger and Prados (Ed.), *Textbook of Neuro-Oncology* (pp. 788-793). Philadelphia, PA: WB Saunders.
 12. **Brockmeyer DL,** Anderson RA. (2007). Congenital vertebral anomalies. In Albright (Ed.), *Principles and Practice of Pediatric Neurosurgery* (2nd Edition, pp. 26-35). New York, NY: Thieme.
 13. **Brockmeyer DL,** Liu JK. (2007). Skull base tumors. In Albright (Ed.), *Principles and Practice of Pediatric Neurosurgery* (2nd Edition, pp. 1-25). New York, NY: Thieme.

OTHER (Commentary/Letters/Editorials/Case Reports/Video/Film)

Book Reviews

1. **Brockmeyer DL.** (1997). Surgical disorders of the fourth ventricle: Book review. [Review of the book *Pediatric Neurosurgery*]. 26, 168.

Case Reports

1. Harris CP, Townsend JJ, **Brockmeyer DL,** Heilbrun MP. (1991). Cerebral granular cell tumor occurring with glioblastoma multiforme: case report. *Surg Neurol*, 36(3), 202-6.
2. **Brockmeyer DL,** Cogan-Kilgallon M, Darling C, McLone DG, Senger C. (1998). Nine-year-old female with neck pain. *Pediatr Neurosurg*, 28(6), 320-325.
3. Uchiyama CM, **Brockmeyer DL,** Cherny WB, Jacobs JJ, Walker ML. (2001). Ruptured intracranial mycotic aneurysm: an unusual infectious complication following craniofacial surgery. *Pediatr Neurosurg*, 35(2), 94-8.
4. Swartz KR, Resnick DK, Iskandar BJ, Wargowski D, **Brockmeyer D,** Opitz JM. (2003). Craniocervical anomalies in Dubowitz syndrome. Three cases and a literature review. *Pediatr Neurosurg*, 38(5), 238-43.
5. Wagner LM, Zhou H, **Brockmeyer DL,** Hedlund GL. (2004). Spinal cord schwannomas mimicking drop metastases in a patient with intramedullary ependymoma and neurofibromatosis 2. *J Pediatr Hematol Oncol*, 26(1), 56-9.
6. Gilbert R, **Brockmeyer D,** Park AH. (2004). A new approach to the reconstruction of extensive congenital midline nasal defects. *Laryngoscope*, 114(10), 1861-3.
7. Rao G, Anderson RC, Feldstein NA, **Brockmeyer DL.** (2005). Expansion of arachnoid cysts in children: report of two cases and review of the literature. *J Neurosurg*, 102(3 Suppl), 314-7.
8. Gottfried ON, Rao G, Anderson RC, Hedlund GL, **Brockmeyer DL.** (2005). Diffusion restriction of a spinal arachnoid cyst: case illustration. *J Neurosurg*, 102(4 Suppl), 439.
9. Amini A, Liu JK, Kan P, **Brockmeyer DL.** (2006). Cerebrospinal fluid dissecting into spinal epidural space after lumbar puncture causing cauda equina syndrome: Case report. *Childs Nerv Syst*, 22(12), 1639-1641.
10. Klimo P Jr, Anderson RC, **Brockmeyer DL.** (2006). Multilevel cervical disconnection syndrome: initial description, embryogenesis, and management. Report of two cases. *J Neurosurg*, 104(3 Suppl), 181-7.
11. Liu JK, Gottfried ON, **Brockmeyer DL.** (2006). Epidural venous engorgement resulting in progressive cervical myelopathy from shunt-related intracranial hypotension. Case report and review of the literature. *J Neurosurg*, 105(6 Suppl), 499-503.
12. Klimo P Jr, Rao G, **Brockmeyer D.** (2007). Pediatric arteriovenous malformations: a 15-year experience with an emphasis on residual and recurrent lesions. *Childs Nerv Syst*, 23(1), 31-7.

Editorials

1. **Brockmeyer DL.** (2007). Lateral mass screw fixation of C-1. *J Neurosurg*, 107(2), 173-174.
2. **Brockmeyer DL.** (08/01/2007). Lateral mass screw fixation of C1. *Journal of Neurosurgery: Pediatrics*, 107(2), 173.

Letters

1. **Brockmeyer D.** (1996). Concerning the article by Baumann GS et al. *Pediatr Neurosurg* 1996;24:193-201: gamma knife radiosurgery in children [Letter to the editor]. *Pediatr Neurosurg*, 25(6), 325.
2. **Brockmeyer D.** (2001). Concerning the article by Schultz et al., *Pediatr Neurosurg* 2000;33:169-181. Pediatric occipitocervical arthrodesis: a review of current options and early evaluation of rigid internal fixation techniques [Letter to the editor]. *Pediatr Neurosurg*, 34(3), 168.

Other

1. **Brockmeyer DL.** (1998). The use of endoscopes for shunt placement. In *Intracranial Endoscopic Neurosurgery* (pp. 91-98).
2. **Brockmeyer DL.** (2006). Introduction. In *Neurosurgical Focus* (20, pp. Intro).
3. **Brockmeyer DL,** Klimo P, Slotkin Jonathan. (2007). Preface. Pediatric Spine Surgery. In *Neurosurgery Clinics of*

North America (18, pp. ix-x).