

MARION L. WALKER, MD PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES

1. Mayer T, Matlak ME, Johnson DG, **Walker ML**. (1980). The modified injury severity scale in pediatric multiple trauma patients. *J Pediatr Surg*, 15(6), 719-26.
2. Mayer T, **Walker ML**, Shasha I, Matlak M, Johnson DG. (1981). Effect of multiple trauma on outcome of pediatric patients with neurologic injuries. *Childs Brain*, 8(3), 189-97.
3. Mayer T, **Walker ML**, Johnson DG, Matlak ME. (1981). Causes of morbidity and mortality in severe pediatric trauma. *JAMA*, 245(7), 719-21.
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8. **Walker ML**, Storrs BB, Goodman S. (1983). The surgical excision of primary brain tumors in children using the CO2 laser. *Concepts in Pediatric Neurosurgery*, 3, 297-315.
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15. **Walker ML**. (1985). Surgical therapy for intrinsic brainstem gliomas. *Concepts in Pediatric Neurosurgery*, 5, 178-186.
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17. Storrs BB, **Walker ML**. (1985). Use of a CT-guided stereotaxic apparatus in pediatric neurosurgery. *Concepts in Pediatric Neurosurgery*, 5, 214-223.
18. Mayer TA, **Walker ML**. (1985). Pediatric head injury: the critical role of the emergency physician. *Ann Emerg Med*, 14(12), 1178-84.
19. **Walker ML**, Storrs BB. (1985). Lasers in pediatric neurosurgery. *Pediatr Neurosci*, 12(1), 23-30.
20. Olds MV, Storrs B, **Walker ML**. (1986). Surgical treatment of sagittal synostosis. *Neurosurgery*, 18(3), 345-7.
21. **Walker ML**, Cevette MJ, Newberg N, Moss SD, Storrs BB. (1987). Auditory brainstem responses in neonatal hydrocephalus. *Concepts in Pediatric Neurosurgery*, 7, 142-152.
22. Moss SD, Pattisapu JV, **Walker ML**. (1988). Use of the peritoneal trocar in pediatric shunt procedures. *Concepts in Pediatric Neurosurgery*, 8, 23-28.
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51. Whitehead WE, **Walker ML**. (2002). Shunt removal: Is it ever worth the risks? *Tech Neurosurg*, 7(3), 219-223.
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57. Gooch JL, Oberg WA, Grams B, Ward LA, **Walker ML**. (2004). Care provider assessment of intrathecal baclofen in children. *Dev Med Child Neurol*, 46(8), 548-52.
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 59. Kestle J, Townsend JJ, Brockmeyer DL, **Walker ML**. (2004). Juvenile pilocytic astrocytoma of the brainstem in children. *J Neurosurg*, 101(1 Suppl), 1-6.
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 65. **Walker ML**. (2005). Looking at hydrocephalus: where are we now, where are we going? *Childs Nerv Syst*, 21(7), 524-527.
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 73. Lonser RR, Schiffman R, Robison RA, Butman JA, Quezado Z, **Walker ML**, Morrison PF, Walbridge S, Murray GJ, Park DM, Brady RO, Oldfield EH. (2007). Image-guided, direct convective delivery of glucocerebrosidase for neuronopathic Gaucher disease. *Neurology*, 68(4), 254-61.
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 77. Browd SR, Goodrich JT, **Walker ML**. (1/1/2008). Craniopagus twins. *J Neurosurg: Ped*, 1(1), 1-20.
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 79. Li J, McAllister JP 2nd, Shen Y, Wagshul ME, Miller JM, Egnor MR, Johnston MG, Haacke EM, **Walker ML**. (2008). Communicating hydrocephalus in adult rats with kaolin obstruction of the basal cisterns or the cortical

- subarachnoid space. *Exp Neurol*, 211(2), 351-61.
80. Wellons JC, Shannon CN, Kulkarni AV, Simon TD, Riva-Cambrin J, Whitehead WE, Oakes WJ, Drake JM, Luerssen TG, **Walker ML**, Kestle JRK, for the Hydrocephalus Clinical Research Network. (07/01/2009). A multicenter retrospective comparison of conversion from temporary to permanent cerebrospinal fluid diversion in very low birth weight infants with posthemorrhagic hydrocephalus. *J Neurosurg Pediatr*, 4(1), 50-55.
 81. Klimo P, Browd S, Pravdenkova S, Couldwell WT, **Walker ML**, Al-Mefty O. (October 2009). The posterior petrosal approach: technique and applications in pediatric neurosurgery. Clinical article. *J Neurosurg Pediatr*, 4(4), 353-262.

NON PEER-REVIEWED JOURNAL ARTICLES

1. **Walker ML**. (2005). Treatment of hydrocephalus: mere survival is not enough. *Clin Neurosurg*, 52, 279-82.
2. Williams MA, McAllister JP, **Walker ML**, Kranz DA, Bergsneider M, Del Bigio MR, Fleming L, Frim DM, Gwinn K, Kestle JRW, Luciano MG, Madsen JR, Oster-Granite ML, Spinella G. (11/1/2007). Priorities for hydrocephalus research: report from a National Institutes of Health-sponsored workshop. *J Neurosurg: Ped*, 107(5), 345-357.

REVIEW ARTICLES

1. **Walker ML**, Fried A, Petronio J. (1993). Diagnosis and treatment of the slit ventricle syndrome. *Neurosurg Clin N Am*, 4(4), 707-14.
2. Brockmeyer D, Abtin K, Carey L, **Walker ML**. (1998). Endoscopic third ventriculostomy: an outcome analysis. *Pediatr Neurosurg*, 28(5), 236-40.
3. Melvin EC, George TM, Worley G, Franklin A, Mackey J, Viles K, Shah N, Drake CR, Enterline DS, McLone D, Nye J, Oakes WJ, McLaughlin C, **Walker ML**, Peterson P, Brei T, Buran C, Aben J, Ohm B, Bermans I, Qumsiyeh M, Vance J, Pericak-Vance MA, Speer MC. (2000). Genetic studies in neural tube defects. NTD Collaborative Group. *Pediatr Neurosurg*, 32(1), 1-9.
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5. 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), 286-94.
6. **Walker ML**. (2004). Complications of third ventriculostomy. *Neurosurg Clin N Am*, 15(1), 61-6.
7. Binning MJ, Liu JK, Kestle JR, Brockmeyer DL, **Walker ML**. (2007). Optic pathway gliomas: a review. *Neurosurg Focus*, 23(5), E2.
8. Finn MA, **Walker ML**. (2007). Spinal lipomas: clinical spectrum, embryology, and treatment. *Neurosurg Focus*, 23(2), 1-12.

BOOK CHAPTERS

1. Green JR, Siddell AD, **Walker ML**. (1978). Neurosurgery of epilepsy in childhood and adolescence with comments about 50 patients. In RA Thompson and JR Green (Ed.), *Pediatric Neurology and Neurosurgery* (pp. 283-310). New York: SP Medical and Scientific Books, Spectrum Publications, Inc.
2. Matlak ME, Johnson DG, **Walker ML**, Palmer WM, Stevens PM. (1980). Initial management of the injured child. Salt Lake City: Paragon Press.
3. **Walker ML**, Storrs BB, Mayer TA. (1985). Head injuries. In Mayer TA (Ed.), *Emergency Management of Pediatric Trauma* (pp. 272-286). Philadelphia: WB Saunders.
4. Storrs BB, **Walker ML**. (1985). Spinal cord injury. In Mayer TA (Ed.), *Emergency Management of Pediatric Trauma* (pp. 249-253). Philadelphia: WB Saunders.
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15. Carey CM, Tullous MW, **Walker ML**. (1994). Hydrocephalus: Etiology, pathologic effects, diagnosis, and natural history. In Cheek W (Ed.), *Pediatric Neurosurgery: Surgery of the Developing Nervous System, 3rd Edition* (pp. 185-201). Philadelphia: WB Saunders.
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17. **Walker ML**, Petronio J. (1994). Ventriculoscopy. In Cheek W (Ed.), *Pediatric Neurosurgery: Surgery of the Developing Nervous System, 3rd Edition* (pp. 572-581). Philadelphia: WB Saunders.
18. Petronio J, **Walker ML**. (1996). Ventriculoscopy. In Cheek W (Ed.), *Atlas of Pediatric Neurosurgery* (pp. 179-183). Philadelphia: WB Saunders.
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31. Abtin K, **Walker ML**. (2007). Congenital Arachnoid Cysts and the Dandy-Walker Complex. In *In Principles & Practices In Pediatric Neurosurgery* (2nd). New York: Thieme.
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33. **Walker ML**. (1/1/2008). Depressed Skull Fracture in Infants. In Goodrich, James T (Eds.), *Neurosurgical Operative Atlas* (Second, pp. 83-87).
34. **Walker ML**, Peterson Paula. (1/1/2008). Why is Neurosurgery Necessary? In Lutkenhoff M (Ed.), *Children with Spina Bifida A Parents' Guide* (Second, pp. 49-67). Bethesda: Woodbine House.
35. **Niazi T; Walker ML**. (2008). Optic Nerve Glioma. In *Atlas Genet Cytogenet Oncol Haematol*.

CONFERENCE PROCEEDINGS

1. Parent A, **Walker ML**, Whitehead WE, Boyer R, Townsend J. (2001). A 14-year-old female with decreasing visual acuity, severe headache, nausea and vomiting. *Pediatr Neurosurg*, 34(1), 47-52.

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

Case Reports

1. 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.
2. Anderson RCE, **Walker ML**, Viner JM, Kestle JK. (2004). Adjustment and malfunction of a programmable valve after exposure to toy magnets. Case report. *J Neurosurg Pediatr*, 101((2 Suppl)), 222-225.
3. Liu JK, **Walker ML**. (2005). Posterior cervical approach for intrathecal baclofen pump insertion in children with previous spinal fusions. Technical note. *J Neurosurg*, 102(1 Suppl), 119-22.
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5. Binning MJ, Ragel BT, **Walker ML**, Kestle JR. (2006). Retained peritoneal shunt tubing causing hematuria. Case illustration. *J Neurosurg*, 104(6 Suppl), 434.
6. Lonser RR, Warren KE, Butman JA, Quezado Z, Robison RA, Walbridge S, Schiffman R, Merrill M, **Walker ML**, Park DM, Croteau D, Brady RO, Oldfield EH. (2007). Real-time image-guided direct convective perfusion of intrinsic brainstem lesions. Technical note. *J Neurosurg*, 107(1), 190-7.
7. Browd SR, Goodrich JT, **Walker ML**. (2008). Craniopagus twins. *J Neurosurg Pediatr*, 1(1), 1-20.

Editorials

1. **Walker ML**. (1986). Trauma prevention. *J Natl Med Assoc*, 78(6), 489-91.
2. **Walker ML**. (2000). Pediatric Neurosurgery should be involved in the activities of the American Academy of Pediatrics. *Pediatric Neurosurgery*, 32(5), 225.

Letters

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