

Selected Neurosurgery Resident's Publications

Peer-Reviewed

1. **DiMaio S**, Discepola F, Del Maestro RF. Il Fascicolo di Medicina of 1493: medical culture through the eyes of the artist. *Neurosurgery*. 2006 Jan;58(1):187-96
2. Steven J. Barnes, John P. J. Pinel, Ellisa Wee, Jason Archambault, **Tamir Ailon**. Effects of expectation on amygdala-kindled convulsions and interictal behaviour in rats: confirmation of a Pavlovian mechanism. *European Journal of Neuroscience*. 24(3), pp 829-840, 2006.
3. **Yong RL**, Holmes DT, Sreenivasan GS. Aluminum toxicity due to intravenous injection of boiled methadone. *N Engl J Med* 2006;354:1210-1211.
4. **Yong RL**, Kavanagh EC, Fenton D, Dorovini-Zis K, Heran MS, Haw CS. Midline cerebellar medulloblastoma in a seventy-one-year-old patient. *Can J Neurol Sci* 2006;101-104.
5. Heran NS, **Yong RL**, Heran MS, Yip S, Fairholm D. Primary intradural extradural Hodgkin lymphoma of the cervical spine. *J Neurosurg Spine* 2006;5:61-64.
6. Thomas C, **Di Maio S**, Clark B, Vollans E, Spinelli J, Mackenzie M, Toyota B. Hearing preservation following fractionated stereotactic radiotherapy for vestibular schwannomas: prognostic implications of cochlear dose. *Journal of Neurosurgery*. 2007 Nov;107(5):917-26
7. Morphine infusions after cranial surgery in children: A retrospective analysis of safety and efficacy. Christine HK Ou, Sarah K. Kent, Amy M. Hammond, Tim Bowen-Roberts and **Daniel T. Warren**. *The Canadian Journal of Neuroscience Nursing* Vol. 30:21-30, 2008.
8. **Yong RL**, Westerberg BD, Dong C, Akagami R. Length of tumor-cochlear nerve contact and hearing outcome after surgery for vestibular schwannoma. *J Neurosurg* 2008;108:105-110.
9. **Yong RL**, Habrock-Bach T, Vaughan M, Kestle J, Steinbok P. Symptomatic retethering of the spinal cord after section of a tight filum terminale. [submitted for publication]
10. Kang S, Gumin J, Shinojima N, **Yong RL**, Colman H, Marini FC, Andreeff M, Lang FF. Isolation and perivascular localization of mesenchymal stem cells from mouse brain. *Neurosurg* [in press]
11. **DiMaio S** & Akagami R Prospective comparison of quality of life before and after observation, surgery or radiotherapy for vestibular schwannomas. *Journal of Neurosurgery*. 2009 Oct;111(4):855-62
12. Caramanos Z, **DiMaio S**, Narayanan S, Lapierre Y, Arnold DL. 1H-MRSI Evidence for Cortical Gray Matter Pathology That is Independent of Cerebral White Matter Lesion Load in Patients with Secondary Progressive Multiple Sclerosis. *Journal of Neurological Sciences*. 2009 Jul 15;282(1-2):72-9
13. **DiMaio S**, Gul S, Cochrane DD, Henderson G, Sargent MA, Steinbok P. Clinical, radiologic and pathologic features and outcome following surgery for cervicomedullary gliomas in children. *Childs Nervous System*. 2009 Nov;25(11):1401-10
14. **Daniel T. Warren**, Glenda Henson, D. Douglas Cochrane. Bilateral choroid plexus hyperplasia: a case report and management strategies. *Child's Nervous System* 25(12):1617-22, 2009.

15. An Incidence of AICA/PICA Anatomical Variants Penetrating the Subarcuate Fossa Dura: Operative Technique and Identification using 3D-FIESTA MRI. **Daniel T. Warren**, Melina D. Warren, David Malfair, Ryojo Akagami. Operative Neurosurgery (in press).
16. **Daniel T. Warren**, Tim Bowen-Roberts, Christine Ou, Robert Purdy, Paul Steinbok. Safety and Efficacy of Continuous Morphine Infusions following Pediatric Cranial Surgery in a Surgical Ward Setting. Child's Nervous System (in press).
17. **Daniel T. Warren**, Melina D. Warren, Manraj K Heran, Douglas Horsman, G.R. Wayne Moore, Michael C. Boyd. Primary Intradural Ewing's Sarcoma: A Review of the Diagnostic Imaging, Pathological Characteristics and Management. Spinal Cord (under review).
18. **Yong RL**, Fueyo J, Gumin J, Marini FC, Bogler O, Andreeff M, Lang FF. Human bone marrow-derived mesenchymal stem cells for systemic delivery of oncolytic adenovirus Delta-24-RGD. Cancer Res 2009;69:8932-40.
19. Hata N, Shinojima N, Gumin J, **Yong RL**, Marini FC, Andreeff M, Lang FF. Platelet-derived growth factor BB mediates the tropism of mesenchymal stem cells for malignant gliomas. J Neurosurg 2010;66:144-56.
20. Wang L, Mehta S, **Gillis C**, Law C, Taneja R. Modulation of neutrophil apoptosis by murine pulmonary microvascular endothelial cell inducible nitric oxide synthase. Biochem Biophys Res Commun. Oct 15;401(2):207-12. Epub 2010 Sep 15.
21. Fallah A, Ebrahim S, Haji F, **Gillis C**, Girgis F, Howe K, Ibrahim GM, Radic J, Shahideh M, Wallace MC. Surgical Activity of First-Year Canadian Neurosurgical Residents. Can. J. Neurol. Sci. 2010; 37: 855-860.
22. **Gillis C**, **Bader A**, Boyd M. A Tail of Sacral Agenesis: Delayed presentation of meningocele in sacral agenesis, case report. European Spine Journal. Accepted November 2011 with revisions.
23. Wang L, Taneja R, Razavi HM, Law C, **Gillis C**, Mehta S. Specific Role of Neutrophil Inducible Nitric Oxide Synthase in Murine Sepsis-Induced Lung Injury in vivo. Shock. March 1. 2012
24. A.A. Mendelson, **C. Gillis**, W. Henderson, J.J. Ronco, D.E.G. Griesdale. Intracranial pressure monitors in traumatic brain injury: a systematic review in traumatic brain injury: a systematic review. Am J Respir Crit Care Med 183;2011:A4728

Abstracts:

1. **DiMaio S**, Dong C, Westerberg B, Akagami R. Motor evoked potential monitoring for facial nerve preservation during acoustic neuroma microsurgery: observational cohort study. Skull base 16(S1) A034 2006
2. **DiMaio S**, Thomas C, Ma R, Vollans E, Chu C, Clark B, Lee R, McKenzie M, Martin M & Toyota B. Radiation exposure to the cochlea during fractionated stereotactic radiotherapy for vestibular schwannoma: implications for hearing preservation. Canadian Journal of Neurological Sciences 33(Suppl 1) 2006

3. Thomas C, Ma R, **DiMaio S**, Clark B, Vollans E, Spinelli J, McKenzie M, Toyota B. Hearing Preservation Following Stereotactic Fractionated Radiotherapy for Acoustic Neuromas. *Radiother Oncol.* 2006;81 (S1):S486
4. Delayed Facial Nerve Palsy in Acoustic Neuroma Surgery. **D. Warren**, R Akagami. 74th Annual Meeting of the American Academy of Neurological Surgeons, San Francisco, CA, USA, 2006.
5. Vascular anomalies of the petrous face: aberrancy or anatomy? **D. Warren**, S Gul, **R Yong**, R Akagami. 41st Meeting of the Canadian Congress of Neurological Sciences, Montreal, Quebec, Canada, 2006.
6. Multifocal gliosarcoma: a rare case report. **D. Warren**, S. Yip, B. Toyota. 41st Meeting of the Canadian Congress of Neurological Sciences, Montreal, Quebec, Canada, 2006.
7. Vascular anomaly of the petrous face: aberrancy or anatomy? **D. Warren**, S Gul, **R Yong**, R Akagami. 56th Annual Meeting of the Congress of Neurological Surgeons, Chicago, Illinois, USA, 2006.
8. **Yong RL**, Fueyo J, Marini F, Hata N, Gumin J, Andreeff M, Lang FF. Human bone marrow-derived mesenchymal stem cells as delivery vehicles for oncolytic adenovirus Delta-24-RGD in the treatment of malignant glioma. Abstracts for the 12th Annual Meeting of the Society for Neuro-Oncology, 2007.
9. Hata N, **Yong RL**, Gumin J, Marini F, Sawaya R, Andreeff M, Lang FF. Human bone marrow-derived mesenchymal stem cells as delivery vehicles for glioma therapy: in vivo functional analyses using bioluminescence imaging. Abstracts for the 12th Annual Meeting of the Society for Neuro-Oncology, 2007.
10. Hata N, **Yong RL**, Gumin J, Marini F, Wang R, Andreeff M, Lang FF. PDGF-beta mediates the tropism of human bone marrow-derived mesenchymal stem cells for malignant gliomas. Abstracts for the 12th Annual Meeting of the Society for Neuro-Oncology, 2007.
11. **Tamir Ailon**, Long-term Outcome of Pediatric Ependymoma Patients, Department of Neurology, BCCH. Supervisor: Dr. Juliette Hukin, Department of Neurology and Oncology, BCCH, June 2008 – Poster presentation at CNSF 2008 Congress.
12. **Tamir Ailon**, Concordance between radiological and surgical impression of extent of resection and point of attachment for posterior fossa ependymoma in Children Department of Neurosurgery, British Columbia Children's Hospital (BCCH). Supervisor: Dr. Ash Singhal, June 2008 – Platform presentation at CNSF 2008 Congress.
13. **DiMaio S** & Akagami R. Prospective comparison of quality of life before and after observation, surgery or radiotherapy for vestibular schwannomas. *Canadian Journal of Neurological Sciences.* 35(S1); S5 2008
14. **DiMaio S**, Haw C, Redekop GJ. Treatment of cerebral aneurysms using Matrix bioactive coils: a consecutive series with 14 month follow-up. *Journal of Neurosurgery* 2008.
15. **DiMaio S** & Akagami R. Prospective comparison of quality of life before and after observation, surgery or radiotherapy for vestibular schwannomas. *Neurosurgery* 2008
16. **DiMaio S**, Westerberg B & Akagami R. Prospective comparison of quality of life before and after observation, surgery or radiotherapy for vestibular schwannomas. *Skull Base* 18(Suppl 1) A034 2008
17. Safety and efficacy of morphine infusions in pediatric neurosurgical patients. **DT Warren**, T Bowen-Roberts, R Purdy, P Steinbok. 43rd Annual Congress of the Canadian Neurological Sciences Federation (CNSF). Victoria, BC, Canada, 2008

18. **DT Warren**, C Dunham, DD Cochrane. The surgical management of Choroid Plexus Hyperplasia. 43rd Annual Congress of the Canadian Neurological Sciences Federation (CNSF). Victoria, BC, Canada, 2008.
19. **DT Warren**, M Heran, CS Haw, P Steinbok. Subarachnoid hemorrhage in Down Syndrome: A Case Report. 43rd Annual Congress of the Canadian Neurological Sciences Federation (CNSF). Victoria, BC, Canada, 2008.
20. **DT Warren**, DB Sinclair, JDS McKean, and M Javidan. The reliability of interictal and ictal EEG in surgically treated refractory temporal lobe epilepsy. 43rd Annual Congress of the Canadian Neurological Sciences Federation (CNSF). Victoria, BC, Canada, 2008.
21. **Christopher Gillis**. Canadian Neurologic Sciences Federation Congress June 2009 Poster presentation, Multiple Intracranial Inflammatory Pseudotumors.
22. **Christopher C. Gillis**, John A.C. Maguire, Charles S. Haw. Multiple Intracranial Plasma Cell Granulomas. *Can. J. Neurol. Sci.* 36: Supplement 1. May 2009. 44th Congress of the Neurological Sciences Federation. Halifax, N.S., 2009.
23. **A Tu**, R Ma, J Maguire, R Akagami. Malignant Peripheral Nerve Sheath Tumor arising from Ganglioneuroma of the Jugular Foramen post Radiosurgery. A case report and review of the literature. Presented at CNSF 2009, NASBS 2009
24. **Tamir Ailon**, The Learning Curve for Endoscopic Endonasal Transsphenoidal Resection of Pituitary Tumours, Department of Neurosurgery, Vancouver General Hospital, March 2010. Platform presentation at BC Neuroscience Day [Winner: Best resident presentation]
25. **DiMaio S**, Malebranche D, Westerberg B, Akagami R. Hearing preservation following microsurgical resection of large vestibular schwannomas. *Canadian Journal of Neurological Sciences*. In Press. 2010.
26. **A Tu** and R Akagami. Subtotal resection of Vestibular Schwannomas. Presented at CNSF meeting, 2010.
27. **Christopher C Gillis**, Ryojo Akagami. Case Series: Vestibular Schwannoma Resection after Radiation Treatment. *Can. J. Neurol. Sci.* 37: Supplement 1. May 2010. 45th Congress of the Canadian Neurological Sciences Federation. Quebec City, Quebec. 2010.
28. Fallah A, Ebrahim S, Haji F, **Gillis C**, Girgis F, Howe K, Ibrahim GM, Radic J, Shahideh M, Wallace MC. Surgical Activity of First-Year Canadian Neurosurgical Residents. *Can. J. Neurol. Sci.* 37: Supplement 1. May 2010. 45th Congress of the Canadian Neurological Sciences Federation. Quebec City, Quebec. 2010.
29. **Christopher C Gillis**, Asher A Mendelson, W Henderson, J Ronco, D Griesdale. Intracranial pressure monitors in traumatic brain injury: a systematic review. *Can. J. Neurol. Sci.* 38(3): Supplement 1. May 2011. 46th Congress of the Canadian Neurological Sciences Federation. Vancouver, British Columbia. 2011.
30. Alghamdi FA, **Gillis C**, Toyota B, Patel B, Heran M, Yip S, Smith A, Sehn L, Berean K, O'Conner R, Moore GR. Primary Burkitt's Lymphoma of CNS: A Case Report and Literature Review. *J Neuropathol Exp Neurol.* 70(6);498-549. June 2011.
31. **Christopher C Gillis**, Peter A Gooderham, Charles S. Haw. Skull Base: An Interdisciplinary Approach. Traumatic Entrapment of the Anterior Cerebral Artery: A Case Report. Supplement 1. Feb 2012. 22nd North American Skull Base Society Meeting. Las Vegas, Nevada. 2012.

32. **Christopher C Gillis**, Christian Hoelscher, Jeffrey Goldstein, Daniel Warren. Cost utility analysis: anterior cervical discectomy and fusion versus cervical disc arthroplasty. *Can J Neurol Sci* 39: Supplement 1. May 2012.