

Selected Recent Scholastic Activity –

The Children's National Health System Neuroradiology Section

Manuscripts:

- **Whitehead** MT, Grimm J, Nelson MD. Inflammatory Myofibroblastic Tumor of the Dura in a 19 Month Old Male. *Radiology* 2012. 264:3;912-916. PMID: 22919043
- with medulloblastoma receiving radiotherapy and adjuvant chemotherapy: results of Children's Oncology Group trial A9961. *Neuro Oncol.* 2013 Jan;15(1):97-103
- Massaro AN, Jeromin A, Kadom N, **Vezina** G, Hayes RL, Wang KK, Streeter J, Johnston MV. Serum biomarkers of MRI brain injury in neonatal hypoxic ischemic encephalopathy treated with whole-body hypothermia: a pilot study. *Pediatr Crit Care Med.* 2013 Mar;14(3):310-7
- Kadom N, Trofimova A, **Vezina** GL. Utility of Magnetization Transfer T1 Imaging in Children with Seizures. *AJNR Am J Neuroradiol.* 2013 Apr;34(4):895-8.
- Hwang EI, Jakacki RI, Fisher MJ, Kilburn LB, Horn M, **Vezina** G, Rood BR, Packer RJ. Long-term efficacy and toxicity of bevacizumab-based therapy in children with recurrent low-grade gliomas. *Pediatr Blood Cancer.* 2013 May;60(5):776-82.
- Lee EC, Kwatra NS, **Vezina** G, Khademanian ZP. White matter integrity on fractional anisotropy maps in encephalopathic neonates post hypothermia therapy with normal-appearing MR imaging. *Pediatr Radiol.* 2013 Jun;43(6):709-15
- Massaro AN, Bouyssi-Kobar M, Chang T, **Vezina** LG, du Plessis AJ, Limperopoulos C. Brain perfusion in encephalopathic newborns after therapeutic hypothermia. *AJNR Am J Neuroradiol.* 2013 Aug;34(8):1649-55. PubMed PMID: 23493898
- Coleman MB, Glass P, Brown J, Kadom N, Tsuchida T, Scafidi J, Chang T, **Vezina** G, Massaro AN. Neonatal neurobehavioral abnormalities and MRI brain injury in encephalopathic newborns treated with hypothermia. *Early Hum Dev.* 2013 Sep;89(9):733-7. PMID: 23787090; PubMed Central PMCID: PMC3780358
- Warren KE, Poussaint TY, **Vezina** G, Hargrave D, Packer RJ, Goldman S, Wen PY, Pollack IF, Zurakowski D, Kun LE, Prados MD, Rutkowski S, Kieran MW. Challenges with defining response to antitumor agents in pediatric neuro-oncology: a report from the response assessment in pediatric neuro-oncology (RAPNO) working group. *Pediatr Blood Cancer.* 2013 Sep;60(9):1397-401. doi: 10.1002/pbc.24562. PubMed PMID: 23625747
- MacDonald TJ, **Vezina** G, Stewart CF, Turner D, Pierson CR, Chen L, Pollack IF, Gajjar A, Kieran MW. Phase II study of cilengitide in the treatment of refractory or relapsed high-grade gliomas in children: a report from the Children's Oncology Group. *Neuro Oncol.* 2013 Oct;15(10):1438-44. PubMed PMID: 24014381; PubMed Central PMCID: PMC3779033.
- Williams C, Johnson PA, Guzzetta CE, Guzzetta PC, Cohen IT, Sill AM, **Vezina** G, Cain S, Harris C, Murray J. Pediatric Fasting Times Before Surgical and Radiologic Procedures: Benchmarking Institutional Practices Against National Standards. *J Pediatr Nurs.* 2013 Dec 4. pii: S0882-5963(13)00356-4. [Epub ahead of print] PMID: 24365219
- Owen M, Shevell M, Donofrio M, Majnemer A, McCarter R, **Vezina** G, Bouyssi-Kobar M, Evangelou I, Freeman D, Weisenfeld N, Limperopoulos C. Brain Volume and Neurobehavior in Newborns with Complex Congenital Heart Defects. *J Pediatr.* 2013 Dec 21. pii: S0022-3476(13)01468-6. doi: 10.1016/j.jpeds.2013.11.033. [Epub ahead of print] PubMed PMID: 24367983
- Choudhri AF, Patel BJ, Phillips ME, Mills KA, **Whitehead** MT, Fleming JC. Diamagnetic susceptibility artifact associated with graphite foreign body of the orbit. *Ophthalmic Plastic and Reconstructive Surgery.* 2013;29(4):e105-7. PMID: 23381565

- **Whitehead** MT, Choudhri AC, Salim S. MR Imaging findings in Axenfeld-Rieger Syndrome. *Clinical Ophthalmology* 2013;7:911-6. PMID: 23723681
- **Whitehead** MT, OH C, Choudhri AF. Incidental Pineal Cysts in Children Who Undergo 3-T MRI. *Pediatric Radiology* 2013 Dec;43(12):1577-83. PMID: 23852563
- Choudhri AF, **Whitehead** MT, McGregor AE, Einhaus SL, Boop FA, Wheless JW. Diffusion tensor imaging to evaluate commissural disconnection after corpus callosotomy. *Neuroradiology* 2013; 55(11):1397-403. PMID: 24113714
- Choudhri AF, Narayana S, Rezaie R, **Whitehead** MT, McAfee SS, Wheless JW, Boop FA, Papanicolaou AC. Same Day Tri-modality. Functional Brain Mapping prior to Resection of a Lesion involving Eloquent Cortex: Technical Feasibility *Neuroradiol Journal* 2013 Oct;26(5):548-54. PMID: 24199815
- **Whitehead** MT, Angel JD. Interhypothalamic Adhesion in a 9-month-old Male with Cleft Palate. *Case Reports in Radiology*. 2013;2013:197415. PMID: 24368961
- Tuchman, S. **Khademian**, Z. and Mistry, K. Dialysis Disequilibrium Syndrome Occurring During Continuous Renal Replacement Therapy. *Clinical Kidney Journal*. (2013) 6 (5): 526-529
- Lee, C. Kwatra, N, **Vezina**, G. **Khademian**, Z. White Matter Integrity on Fractional Anisotropy Maps in Encephalopathic Neonates Post Hypothermia therapy with Normal-appearing MR Imaging. *Pediatric Radiology*, June 2013; 43(6):709-15.
- Zimmerman R. and **Khademian** Z. Neuroimaging in the Metabolic Epilepsies. In, Pearl, P. (ed.), *Inherited Metabolic Epilepsies*. Demos Medical Publishing, LLC, 2013: 15 – 28
- Packer RJ, Zhou T, Holmes E, **Vezina** G, Gajjar A. Survival and secondary tumors in children with medulloblastoma receiving radiotherapy and adjuvant chemotherapy: results of Children's Oncology Group trial A9961. *Neuro Oncol*. 2013 Jan;15(1):97-103
- Kadom N, **Khademian** Z, **Vezina** G, Shalaby-Rana E, Rice A, Hinds T. Usefulness of MRI detection of cervical spine and brain injuries in the evaluation of abusive head trauma. *Pediatr Radiol*. 2014 Feb 21. [Epub ahead of print] PubMed PMID: 24557483.
- Choudhri AF, **Whitehead** MT, Klimo P Jr, Montgomery BK, Boop FA. Diffusion Tensor Imaging to Guide Surgical Planning in Intramedullary Spinal Cord Tumors in Children. *Neuroradiology*. 2014 Feb;56(2):169-74. PMID: 24395215
- **Whitehead** MT, Raju A, Choudhri AF. Normal Centrolineal Myelination of the Callosal Splenium reflects the Development of the Cortical Origin and Size of its Commissural Fibers. *Neuroradiology* 2014 Jan 26. [Epub ahead of print] PMID:2446357
- Kadom, N. **Khademian**, Z. **Vezina**, G. Eglal Shalaby-Rana Rice, A. Hinds, T. Usefulness of MRI Detection Of Cervical Spine And Brain Injuries In The Evaluation Of Abusive Head Trauma, *Pediatric Radiology*, in print.

Posters / Presentations:

- **Whitehead** MT. The imaging workup of childhood ptosis (SPR 2014)
- **Whitehead** MT. CNS Imaging Manifestations of Cornelia de Lange Syndrome (SPR 2014)
- **Khademian** Z. Perfusion in pediatric tumors. (ASNR 2014)
- **Whitehead** MT. Interhypothalamic adhesion: a case series (ASNR 2014)
- **Whitehead** MT. Physiologic Pineal Region and Choroid Plexus Calcifications in the 1st Decade of Life (ASNR 2014)
- **Whitehead** MT. Osseous Intramedullary Signal Alteration and Enhancement in Sturge-Weber-Syndrome: An Early Diagnostic Clue (ASNR 2014)
- **Whitehead** MT. Calvarial Pathology in Children Portrayed by 320 Detector CT (ASNR 2014)
- **Whitehead** MT. That's a Nothing: Common Brain MR Artifacts and Pitfalls Encountered by Radiologists in Training (ASNR 2014)