

#### Publications:

1. **Mechtler LL** and Kinkel PR. "Magnetic Resonance Imaging in Demyelinating, Infectious, Metabolic and Congenital Diseases." [Review] *Current Opinion in Neurology* 6 (6): 912-18, Dec 1993.
2. **Mechtler LL** and Cohen ME. "Clinical Presentation and Therapy of Spinal Tumors" *Neurology in Clinical Practice*. Bradley WG, Daroff RB, Fenichel GM and Marsden CD editors. 1996.
3. **Mechtler LL** and Cohen ME. "Clinical Presentation and Therapy of Peripheral Nerve Tumors" *Neurology in Clinical Practice*. Bradley WG, Daroff RB, Fenichel GM and Marsden CD editors. 1998.
4. **Mechtler LL** and Cohen ME. "Tumors of the Nervous System" *Current Practice of Medicine*. Koller WC editor. 1998.
5. **Mechtler LL**. "Cancer Related Dementia" *Neuroimaging of Normal Aging and Uncommon Causes of Dementia*. Fazekas F, Schmidt R. editors. 1999
6. Cohen ME, **Mechtler, LL**, Duffner P. "Thalamic, Hypothalamic and Optic Pathway Tumors." *Handbook of Clinical Neurology*. Vecht C. 1999.
7. **Mechtler LL**, Stiles Alan M. "Secondary Headaches." *Atlas of Migraine and Other Headaches* 2004.
8. **Mechtler LL**. "Pain Syndromes Originating From the Base of the Skull". *Cancer pain: Pharmacologic, Interventional and Palliative Approaches*; Section 2: Chapter 5: 2006.
9. Evans RW, Rozen TD, **Mechtler LL**. "Neuroimaging and Other Diagnostic Testing in Headache" *Wolff's Headache and Other Head Pain*, 8<sup>th</sup> Edition, September 2006.
10. **Mechtler LL**, Nandigam, K. "Spinal Cord Tumors: New Views and Future Directions". *Neurologic Clinics* 2013 Feb;31(1): 241-68
11. **Mechtler LL**, Shastri K, Crutchfield K. "Advanced Neuroimaging of Mild Traumatic Brain Injury" *Neurologic Clinics* 2014 Feb: 32(1): 31-58.
12. **Mechtler LL**, Nandigam K, Smirniotopoulos J. "Neuroimaging of Neurocutaneous Diseases". *Neurologic Clinics* 2014 Feb 32(1): 159-192.
13. Pinter N, Pfiffner T, **Mechtler LL**. "Neuroimaging of Spine Tumors". *Handbook of Clinical Neurology* 2014 (In press).
14. Pfiffner T, Jani R, **Mechtler LL**. "Neuro-oncological Disorders of the Cerebellum". *Neurologic Clinics* 2014. (In press)

#### REFERRED JOURNALS:

1. Gengo FM, Gabos C and **Mechtler LL**. "Quantitative Effects of Cetrizine and Dyphenhydramine on Mental Performance Using an Automobile Driving Simulator." *Annals of Allergy* 1990; 64 (6) 520.
2. Yung WK, **Mechtler LL** and Gleason MJ. "IV Carboplatin for Recurrent Malignant Glioma: A Phase II Study." *Journal of Clinical Oncology* May 1991.
3. Schmidt R, **Mechtler LL**, Kinkel PR, Fazekas F, Kinkel WR and Freidl W. "Cognitive Impairment After Acute Supratentorial Stroke: A Six-Month Follow-Up Clinical and Computed Tomographic Study." *European Arch Psychiatry Clin Neurosci* 1993; 243: 11-15.
4. Capone PM, **Mechtler LL**, Bates VE, Kanna A and Kinkel PR. "Multiple Giant Intracranial Aneurysms Associated With Lymphomatoid Granulomatosis: A Magnetic Resonance Imaging and Angiographic Study." *Journal of Neuroimaging* 1994 April; 4 (2): 109-111.
5. Bakshi R, **Mechtler LL**, Patel MJ, Gibbons KJ. "Spinal Leptomeningeal Hemangioblastomatosis in von Hippel-Lindau Syndrome: Magnetic Resonance Imaging and Pathological Findings." *Journal of Neuroimaging* 1996; 6:67.

6. Bakshi R, **Mechtler LL**, Patel MJ, Lindsay BD, Messinger S, Gibbons KJ. "Spinal Leptomeningeal Hemangioblastomatosis in von Hippel-Lindau Disease: MRI and Pathological Findings." *Journal of Neuroimaging*. 1997 Oct; 7(4):242-4.
7. Bakshi R, Kinkel PR, **Mechtler LL**, Bates VE. "Cerebral Ventricular Empyema Associated with Severe Adult Pyogenic Meningitis: Computed Tomography Findings." *Clinical Neurology and Neurosurgery*. 1997;99:252-255.
8. Bakshi R, Kinkel PR, **Mechtler LL**, Bates VE, Lindsay BD, Esposito SE, Kinkel WR. "Magnetic Resonance Imaging Findings in 22 Cases of Myelitis: Comparison between Patients with and without Multiple Sclerosis." *European Journal of Neurology* 1998; 5:35-48.
9. Bakshi R, Bates VE, **Mechtler LL**, Kinkel PR, Kinkel WR. "Occipital lobe seizures as the major clinical manifestation of reversible posterior leukoencephalopathy syndrome: Magnetic resonance imaging findings". *Epilepsia* 1998; 39:295-300.
10. Bakshi R, Kinkel PR, **Mechtler LL**, Bates VE, Kinkel WR. "Magnetic resonance imaging findings in acute cerebellitis". *Clinical Imaging* 1998; 22:79-85.
11. Bakshi R, Lindsay BD, Bates VE, Kinkel PR, **Mechtler LL**, Kinkel WR. "Cerebral venous infarctions presenting as enhancing space-occupying lesions: Magnetic resonance imaging findings". *Journal of Neuroimaging* 1998; 8:210-215.
12. Bakshi R, Kinkel WR, Bates VE, **Mechtler LL**, Kinkel PR. "The cerebral intravascular enhancement sign is a non-specific finding: A contrast-enhanced MRI study". *Neuroradiology* 1999; 41:80-85.
13. Bakshi R, Wright PD, Kinkel PR, Bates VE, **Mechtler LL**, Kamran S, Pullicino PM, Sirotkin I, Kinkel WR. "Cranial magnetic resonance imaging findings in bacterial endocarditis: the neuroimaging spectrum of septic brain embolization demonstrated in twelve cases". *Journal of Neuroimaging* 1999;9:78-84
14. Bakshi R, Kamran S, Kinkel PR, Bates VE, **Mechtler LL**, Janardhan V, Belani S, Kinkel WR. "Fluid-attenuated inversion-recovery MR findings in acute and subacute cerebral intraventricular hemorrhage". *AJNR: American Journal of Neuroradiology* 1999;20:629-636
15. Ravichandran TP, Bakshi R, Heffner R, **Mechtler LL**, Gibbons KJ, Duarte DJ, Kinkel WR. "Giant aggressive pituitary adenoma: Magnetic resonance imaging and pathological findings". *Journal of Neuro-Oncology* 1999 Jan; 41(1): 71-5
16. Bakshi R, **Mechtler LL**, Kamran S, Gosy E, Bates VE, Kinkel PR, Kinkel WR. "MRI findings in lumbar puncture headache syndrome: abnormal dural meningeal and dural venous sinus enhancement". *Clinical Imaging* 1999 March-April; 23(2): 73-6
17. Bakshi R, Kamran S, Kinkel PR, Bates VE, **Mechtler LL**, Belani SL, Kinkel WR. "MRI findings in cerebral intraventricular hemorrhages: analysis of 50 consecutive cases". *Neuroradiology* 1999 June; 41(6) 401-9
18. Parmany, T., **Mechtler, LL**, "Differential regulation of MHC class II expression and NO release by B-amyloid in rat astrocyte and microglia". *Brain Research* 1999 Jul 24; 835(2) 213-23
19. Pazmany, T, Kosa, J, **Mechtler, L**, Tomasi, T. "Effect of transforming growth factor Beta I on microglial MHC class 2 gene expression". *J Neuroimmunol*. 2000 Mar 1; 103(2)122-30
20. Dubey N, Wasay M, Miletich RS, **Mechtler LL**, Bakshi R. "Utility of FDG-PET in the diagnosis of Neurosarcoidosis" *J Neurol Sci* 2002 Dec 15; 205(1): 77-81
21. Korones DN, Benita-Weiss M, Coyle TE, **Mechtler LL**, Bushunow P, Evans B, Reardon DA, Quinn JA, Friendman H. "Phase I Study of Temozolomide and Escalating Doses of Oral Etoposide for Adults with Recurrent Malignant Glioma". *Cancer*. 2003 Apr 15; 97(8): 1963-8
22. Blitshteyn S, **Mechtler LL**, Bakshi R. "Diffuse Dural Gadolinium MRI Enhancement Associated with Bilateral Chronic Subdural Hematomas". *Clin Imaging*. 2004 Mar-Apr; 28(2): 90-2
23. **Mechtler LL**, "Role of Neuroimaging in Our Understanding of the Pathogenesis of Primary Headaches" *Current Pain and Headache Reports* 2004Oct; 8(5): 404-9
24. Tawk RG, Tan D, **Mechtler LL**, Fenstermaker RA. "Melanotic Schwannoma with Drop Metastases to the Caudal Spine and High Expression of CD117". *J Neurooncol*. 2005 Jan; 71(2): 151-6
25. **Mechtler LL**, "Neuroimaging of Headaches", *Continuum: Lifelong Learning in Neurology* 2008 August, Vol 14(4); 94-117

26. **Mechtler LL**, “Neuroimaging in Neuro-Oncology” and “Preface” , *Neurology Clinics* 2009 Feb; 27(1): 171-201
27. Tamoki DL, Tarnoki AD, Hyland A, Travers MJ, Dobson K, **Mechtler L**, Cummings KM. “Measurement of Indoor Smoke Pollution in Public Places in Hungary”. *Orv Hetil.* 2010 Feb 7; 151(6):213-9. Hungarian.
28. Tarnoki DL, Tarnoki AD, Travers MJ, **Mechtler L**, Tamas L, Cummings KM. “Compliance Still a Problem With No Smoking Law”. *Tob Control.* 2010 Dec; 19(6):520. Epub 2010 Sep 24.
29. DeLaPax RL, Wippold FJ II, Cornelius RS, Amin-Hanjani S, Angtuaco EJ, Broderick DF, Brown DC, Creasy JL, Davis PC, Garvin CF, Hoh BL, McConnell CT Jr, **Mechtler LL**, Seidenwurm DJ, Smirniotopoulos JG, Tobben PJ, Waxman Ad, Zipfel GJ. ”ACR Appropriateness Criteria®- Cerebrovascular Disease”. *J Am Coll Radiol.* 2011 Aug; 8(8):532-8.
30. Seidenwurm DJ, Wippold FJ II, Cornelius RS, Angevine PD, Angtuaco EJ, Broderick DF, Brown DC, Davis PC, Garvin CF, Hartl R, Holly L, McConnell CT Jr, **Mechtler LL**, Smirniotopoulos JF, Waxman AD. “ACR Appropriateness Criteria®- Myelopathy”. *J AM Coll Radiol.* 2012 May; 9(5):315-24.
31. Farooq O, Lincoff NS, Saikali N, Prasad D, Miletich RS, **Mechtler LL**. “Novel Treatment for Radiation Optic Neuropathy with Intravenous Bevacizumab”. *J Neuroophthalmol.* 2012 Dec; 32(4): 321-4
32. Crawley R, Wong E, **Mechtler LL**, Rodda B, O’Connor P. Steroid Sparing Effect of Corticorelin Acetate (CrA) in Peritumoral Cerebral Edema is Associated with Improvement in Steroid Induced Myopathy. *Journal of Clinical Oncology* 2012
33. Cornelius RS, Martin Jamie, **Mechtler LL**, et al. ACR Appropriateness ‘Criteria-Sinonasal Disease’. JACR 2013.