



**JOHNS HOPKINS**  
M E D I C I N E

CURRICULUM VITAE  
**ERIC HEATH WILLIAM KOSSOFF, M.D.**

- Office:* Jefferson 128 - Johns Hopkins Hospital  
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- Current:* Associate Director, Pediatric Neurology Residency Program  
Assistant Professor, Neurology and Pediatrics  
The John M. Freeman Pediatric Epilepsy Center  
Johns Hopkins Medical Institutions  
Baltimore, Maryland  
2002 - present
- Postgraduate:* Pediatric Epilepsy and Clinical Neurophysiology (2001 – 2002)  
Child Neurology (1998 – 2001)  
Johns Hopkins Medical Institutions  
Baltimore, Maryland
- Pediatrics (1995-1998)  
Eastern Virginia Medical School  
Children's Hospital of The King's Daughters  
Norfolk, Virginia
- Education:* State University of New York at Buffalo School of Medicine and  
Biomedical Sciences  
Buffalo, New York  
Doctor of Medicine, 1995
- Cornell University  
Ithaca, New York  
Major: Neurobiology and behavior  
Bachelor of Science, 1991

*Certification:* American Board of Neurology and Psychiatry, Special Certification in Child Neurology – 2002  
American Board of Pediatrics - 1998  
USMLE (completed) - 1996

*Membership:* American Headache Society, 2005-present  
American Epilepsy Society, 2001 – present  
Section of Neurology, American Academy of Pediatrics, 2000 - present  
American Academy of Neurology 1999 - present  
Child Neurology Society 1999 – present

*Peer-Reviewed Publications:*

Kossoff EH, Thiele EA, Pfeifer HH, McGrogan JR, Freeman JM. Tuberous sclerosis complex and the ketogenic diet. Epilepsia, in press.

Kossoff EH, Mankad DN. Medication-overuse headache in children: is initial preventative therapy in children necessary? J Child Neurol, in press.

Kossoff EH, Hatfield LA, Ball KL, Comi AM. Comorbidity of epilepsy and headache in patients with Sturge-Weber syndrome. J Child Neurol, in press (August 2005).

Than KD, Kossoff EH, Rubenstein JE, Pyzik PL, McGrogan JR, Vining EPG. Can you predict an immediate, complete, and sustained response to the ketogenic diet? Epilepsia 2005; 46:580-2.

Rubenstein JE, Kossoff EH, Pyzik PL, Vining EPG, McGrogan JR, Freeman JM. Experience in the use of the ketogenic diet as early therapy. J Child Neurol 2005; 20: 31-4.

Kossoff EH, McGrogan JR. Worldwide use of the ketogenic diet. Epilepsia 2005; 46: 280-9.

Kossoff EH, Ritzl EK, Politsky JM, et. al. Effective use of an external responsive neurostimulator during subdural electrode monitoring. Epilepsia 2004; 45: 1560-7.

Kossoff EH, McGrogan JR, Freeman JM. Benefits of an all-liquid ketogenic diet. Epilepsia 2004; 45: 1163.

Kossoff EH, Pyzik PL, McGrogan JR, Rubenstein JE. Impact of early versus late anticonvulsant reduction after ketogenic diet initiation. Epilepsy Behav 2004; 5: 499-502.

Kossoff EH, Pyzik PL. Improvement in alertness and behavior in children treated with combination topiramate and vagus nerve stimulation. Epilepsy Behav 2004; 5: 256-9.

Kossoff EH, Krauss GL, McGrogan JR, Freeman JM. Efficacy of the Atkins Diet as therapy for intractable epilepsy. Neurology 2003; 61: 1789-91.

Kossoff EH, Vining EPG, Pillas DJ, Pyzik PL, Avellino AM, Carson BS, Freeman JM.

Hemispherectomy for intractable unihemispheric epilepsy: Etiology vs. outcome. Neurology 2003; 61: 887-90.

Kossoff EH, Boatman D, Freeman JM. Landau-Kleffner syndrome responsive to levetiracetam. Epilepsy Behav 2003; 4: 571-5.

Mady MA, Kossoff EH, McGregor AL, Wheless JW, Pyzik PL, Freeman JM. The Ketogenic Diet: Adolescents Can Do It, Too. Epilepsia 2003; 44: 847-51.

Comi AM, Fischer R, Kossoff EH. Encephalofacial Angiomatosis Sparing the Occipital Lobe and without Facial Nevus: On the Spectrum of Sturge-Weber Syndrome Variants? J Child Neurol 2003; 18: 35-8.

Kossoff EH, Vining EPG, Pyzik PL, Kriegler S, Min K, Carson BS, Avellino AM, Freeman JM. Perioperative outcomes of 100 hemispherectomies. Pediatr Neurosurg 2002; 37: 298-303.

Kossoff EH, Buck C, Freeman JM. Hemispherectomy for Sturge-Weber Syndrome: Indications and outcomes of 32 cases worldwide. Neurology 2002; 59: 1735-8.

Kossoff EH, Pyzik PL, Furth SL, Hladky HD, Freeman JM, Vining EPG. Kidney stones, carbonic anhydrase inhibitors, and the ketogenic diet. Epilepsia 2002; 43: 1168-71.

Keswani SC, Kossoff EH, Krauss GL. Amelioration of spinal myoclonus with levetiracetam. J Neurol Neurosurg Psychiatry 2002; 73: 457-8.

Kossoff EH, Silvia MT, Maret A, Carakushansky M, Vining EPG. Neonatal hypocalcemic seizures: case report and literature review. J Child Neurol 2002;7: 236-9.

Kossoff EH, Pyzik PL, McGrogan JR, Vining EPG, Freeman JM. Efficacy of the ketogenic diet for infantile spasms. Pediatrics 2002; 109: 780-3.

Tamargo RJ, Rossell LA, Kossoff EH, Tyler BM, Ewend MG, Aryanpur JJ. The intracerebral administration of phenytoin using controlled-release polymers reduces experimental seizures in rats. Epilepsy Res 2002; 48: 145-55.

Jordan L, Kossoff E. A 10-year-old with status epilepticus: unraveling a ball of string. Contemp Peds 2002; 19: 27-39.

Kossoff EH, Bergey GK, Freeman JM, Vining EP. Levetiracetam psychosis in children with epilepsy. Epilepsia 2001; 42: 1611-3.

Kossoff EH, Keswani SC, Raymond GV. L-2-hydroxyglutaric aciduria presenting as migraine. Neurology 2001; 57: 1731-2.

Kossoff EH, Singer HS. Tourette Syndrome: Clinical characteristics and current management strategies. Paediatr Drugs 2001; 3 (5):355-63.

Kossoff EH, Calvert P. "Case #6 – Pseudotumor cerebri associated with Lyme disease." Cases from Johns Hopkins Neurology. Medscape, Inc. 2001.  
<<http://www.medscape.com>>

Kossoff EH, Ichord RN, Bergin AM. Recurrent hypoglycemic hemiparesis and aphasia in an adolescent patient. Pediatr Neurol 2001; 24:385-6.

Kossoff EH, Parsons G. "Index of Suspicion – Case #3 – otic hydrocephalus." Pediatr Rev 2000 Jun; 21(6):205, 208-9.

Kossoff EH, Hubbard TW, Gowen CW. Early Clinical Experience Enhances Third-year Pediatrics Clerkship Performance. Academic Medicine 1999; 74:1238-41.

Kossoff EH, Poirier MP. Peripherally inserted central venous catheter fracture and embolization to the lung." Pediatric Emergency Care 1998; 14:403-5.

Kossoff EH, Karlowicz MG, Buescher ES. Candidemia in a neonatal intensive care unit: trends during 15 years and clinical features of 111 cases. Pediatr Infect Dis J 1998; 17:504-8.

*Invited Reviews:*

Kossoff EH. Nonpharmacologic treatment options for intractable epilepsy. Profiles in Seizure Management 2005; 4:12-16.

Sinha SR, Kossoff EH. The ketogenic diet. Neurologist 2005;11: 161-70.

Kossoff EH. Adolescents and epilepsy. International Pediatrics 2005; 20: 78-82.

Kossoff EH. More fat and fewer seizures: Dietary therapy for epilepsy. Lancet Neurol 2004; 3: 415-20.

Kossoff EH. Tough Seizures: When the first anticonvulsant fails. Contemp Peds 2002; 19: 85-100.

*Chapters:*

Kossoff EH. The Ketogenic Diet for West Syndrome. In: Brain metabolism revisited – concepts and treatments, 1<sup>st</sup> ed. Klepper J, ed. 2005 (in press).

Kossoff EH. Headaches in Children. In: Current Therapy in Neurological Diseases, 7th ed. Johnson RT, Griffin JW, McArthur JC, ed. 2005 (in press).

Vining EPG, Kossoff EH. Pediatric/Neonatal EEG. In: Digital EEG: CDROM. Krauss G, ed. 2005 (in press)

Freeman JM, Vining EPG, Kossoff EH, Rubenstein JE. The Ketogenic Diet. In: Current Management in Child Neurology, 2nd ed. Maria BL, ed. 2004.

Smith-Hicks C, Kossoff EH. Neurocysticercosis. In: Treatment of Pediatric Neurologic Diseases, 1st ed. Singer H, Kossoff E, Crawford T, Hartman A, ed. 2005.

Kossoff EH. Intractable epilepsy. In: Treatment of Pediatric Neurologic Diseases, 1st ed. Singer H, Kossoff E, Crawford T, Hartman A, ed. 2005.

Kossoff EH. Infantile spasms. In: Treatment of Pediatric Neurologic Diseases, 1st ed. Singer H, Kossoff E, Crawford T, Hartman A, ed. 2005.

Kossoff EH, Freeman JM. The Physician Perspective. In: Epilepsy and the Ketogenic Diet, 1st ed. Stafstrom C, Rho J, ed. 2004.

Kossoff EH, Vining EPG. Chapter 21: The Ketogenic Diet. In: Treatment of Epilepsy, 2<sup>nd</sup> ed. Shorvon S, Fish DR, Perucca E, Dodson WE, ed. 2004.

Vining EPG, Kossoff EH. Chapter 22B: The Ketogenic Diet. In: Epilepsy in Children, 2<sup>nd</sup> Ed. - Wallace, S. and Farrell K., ed. 2004.

Kossoff, Eric. "Neurocysticercosis." Pediatrics: An On-line Medical Reference. 1st Edition. St. Petersburg. Emedicine Online Textbooks. Ed. Steven Altschuler et al. 1999. Emedicine.com, Inc. <<http://www.emedicine.com/PED/topic1573.htm>>.

*Books:*

Treatment of Pediatric Neurologic Diseases, 1st ed. Singer H, Kossoff E, Crawford T, Hartman A, ed. Boca Raton: Taylor and Francis, 2005.

*Abstracts only :*

Bergey GB, Britton JW, Cascino GD, Choi H, Karceski SC, Kossoff EH, et. al. Implementation of an external responsive neurostimulator system in patients with Intractable epilepsy undergoing intracranial seizure monitoring. Epilepsia 2002; 43, Suppl 7: 191.

Gambini A, Fatemi SA, Crawford TO, Kossoff EH, Horska A, Barker PB. Acute disseminated encephalomyelitis: evaluation with Proton MR Spectroscopic imaging. 2005 IRMSM meeting.

*Reviewer:* Reviewer for European Journal of Pediatrics, Pediatrics, Headache, Epilepsia, Nutritional Neuroscience, Develop Med Child Neurol, The Medical Letter, Infections in Medicine, Annals of Neurology, Paediatric Drugs, Epilepsy and Behavior, Archives of Medical Research, Acta Paediatrica, Journal of Child

Neurology

Book reviews for Annals of Neurology, Develop Med Child Neurol

*Committees:* Professional Advisory Board, Abilities Network (Epilepsy Foundation) Maryland – 2004-present  
Co-Director of SIGN (Student Interest Group in Neurology) for Johns Hopkins  
NeuroPace, Inc. Steering Committee - 2004-present  
Electronic Communications Committee, Child Neurology Society – 2002-present  
Education Committee, Johns Hopkins - Neurology – 2002-present  
Technology Committee, American Epilepsy Society – 2002-present  
Medical advisor, Maryland Science Center – 2000 – 2002  
Hospital Mortality Review Committee, CHKD – 1997-1998.

*Honors and Awards :* Resident Research Award, 1998  
Southern Society for Pediatric Research (SSPR) Trainee Travel Award, 1998  
Outstanding Second-Year Resident Award, Pediatrics, 1997.