

CURRICULUM VITAE

Nitin C. Patel, M.D., MPH

Email: patelcnitin@gmail.com

NAME

Nitin C. Patel, M.D., MPH

PERSONAL INFORMATION

Born June 08, 1953

Burhanpur, (M.P.) India

Married Harsha Patel, MD

Children, Mita born July 10, 1988 and Amit born June 5, 1993

EDUCATION

1973 - 1979

Doctor of Medicine

Jabalpur University Government Medical College,
Jabalpur, India

1985 - 1987

MPH in Public Health, Environmental Health and
Epidemiology

Loma Linda University, Loma Linda, California

1989 - 1990

Pediatric Externship

St. John=s Hospital, Brooklyn, New York

1990 - 1993

Pediatric Residency

New York Medical College, Lincoln Program
Bronx, New York

1993 - 1996

Fellowship in Pediatric Neurology

UMDNJ-New Jersey Medical School Program
Newark, New Jersey

1996 - 1997

Fellowship in Epilepsy
UMDNJ-New Jersey Medical School Program
Newark, New Jersey

EMPLOYMENT

1987- 1989

Environmental Health for San Bernardino County,
Ontario, California

1997 - 2001

Assistant Professor of Clinical Neurology for University
of Missouri, Columbia, MO

2001 - 2005

Assistant Professor of Clinical Child Health and
Neurology for University of Missouri, Columbia, MO

2005 – 2011

Associate Professor of Clinical Child Health and
Neurology for University of Missouri, Columbia, MO

2011--2013

Professor of Clinical Child Health and Neurology for
University of Missouri, Columbia, MO

Specialist in Pediatric Neurology

2013-current

Private Practice
Columbia Center for Child Neurology
Osage Beach, Mo

2013-2014

Locum-Pediatric Neurology
Banner Thunderbird Hospital

Phoenix, AZ.

2014-2014

Locum- Pediatric Neurology

SIU- Hospital, Springfield, Il.

2014-Current

Professor of Clinical Pediatric

Division of Pediatric/ Adolescent

Neurology

University of Southern Illinois

Springfield, Il.

2015- Current

Locum- Pediatric Neurology

OPRMC- Overland Park, KS

MEDICAL LICENSURE

Illinois-# 036.135269

California- #A50802

New Jersey-Inactive #MA059439

Missouri #113716

Kansas #04-37796

Arizona Locum Tenens- # LT 1704 Exp. 4/27/14

BOARD CERTIFICATION

Federal Licensing Exam-California, 1981

Educational Counsel for Foreign Medical Graduates, 1981

The American Board of Pediatrics, Board Certified, October 1, 1994, Recertified
2001, 2010

The American Board of Psychiatry & Neurology with Special Qualification in Child Neurology, Board Certified, June 2007

SEMINARS

Workshop in Basic Pediatric Hypnosis, 2008

HONORS AND AWARDS

Outstanding Outpatient Attending in Child Health, 2001, 2005, 2008, 2010, 2011

Service Quality Hero, University Hospital, 2003

Best Doctor in America, 2005, 2006, 2007, 2012, 2013

Groshong Excellence in Teaching Honor Roll, 2009

Outstanding Clinical Educator Award, 2012

PROFESSIONAL SOCIETY MEMBERSHIPS

American Academy of Neurology

Association of University Professors of Neurology

PROFESSIONAL COMMITTEES

Pediatric Sub-Specialty Committee, Department of Child Health, 2003 - 2013

Promotion and Tenure Committee, Neurology, 2004 – 2013

Resident Selection Committee- Neurology

Resident Curriculum Committee- Neurology

Fellowship Committee- Neurology

Sleep Fellowship Curriculum Committee- Neurology

MISCELLANEOUS

Expert Witness for Attorneys for Pediatric Neurology

Certify College Students for Foreign Language Skills

Editor for Journal of Pediatric Neurology

PUBLICATIONS

1. Ionasescu, VV, Searby, CC, Ionasescu, R, Chatkupt, S, Patel, N, Koenigsberger, R. Dejerine-Sottas: Neuropathy in mother and son with same point mutation of Pmp22 gene. Muscle Nerve 20(1):97-9, 1997.
2. Laskey, AL, Korn, DE, Moorjani, BI, Patel, NC, Tobias, JD: Central hyperventilation related to administration of Topiramate. Pediatr Neurol 22:305-308, 2000.
3. Patel, NC, Riggins, RD, Moorjani, BI: Neonatal injuries in child abuse. E Medicine, <http://www.emedicine.com/neuro/topic238.htm>, 2011.
4. Horowitz, SH, Patel, NC: Peripheral neurophysiology of acute distal spinal cord infarction. Pediatr Neurol 28:64-65, 2003.
5. Farmer, JE, McCann, KK, Patel, NC: Childhood-onset multiple sclerosis and mood disorders: a case study. Child Neuropsychology, 10, No. 2: 102-116, 2004.
6. Patel, NC, Landan, IR, Levin, J, Szaflarski, J, Wilner, AN: The use of levetiracetam in refractory status epilepticus. Seizure-European Journal of Epilepsy, Seizure (2006) 15, 137-141.

7. Davenport, RD, Patel, NC: Our Experiences with Zonisamide as Adjunctive Therapy in the Treatment of Seizures. *The Nurse Practitioner*, 2007, 32 Vol 4. 15-17.
8. Sears, J, Patel, NC: Development of Tics in a Thirteen Year old Male Following Atomoxetine Use. *CNS Spectrums: The International Journal of Neuropsychiatric Medicine, CNS Spectr.* 2008; 13 (4):301-303.
9. Davenport, RD, Patel, HN, Patel, NC: Treatment of Seizures in a Patient with Batten's Disease. *The Nurse Practitioner*, Vol. 33, No.10: 6-9.
10. Davenport, RD, Patel, HN, Patel, NC: Hallucinations During Lamotrigine Treatment. *The Nurse Practitioner*, Vol 33 (3): 12-13.
11. Sturge Weber Syndrome Masquerading as Herpes Encephalitis, Thomas-Sohl, K, Garewal, M, Vaslow, D, Patel, N. American Society of Neuroimaging Conference, January 18-21, 2007
12. Reversible Cortical Atrophy and DWI's in Hyponatremia, Thomas-Sohl, K, Garewal, M, Patel, N. American Society of Neuroimaging Conference, January 18-21, 2007.
13. Sahaya, K, Patel, NC: Venous Sinus Thrombosis and Consumptive Coagulopathy: A Role for Heparin? *Pediatric Neurology, Elsevier, Sept. 2010*, Vol 43, No. 3: 225-227.
14. Patel, NC. ADHD and Comorbidity, Attention Deficit Hyperactivity Disorder/ Book 1, ISBN 978-953-307-756-7, March, 2012.
15. DiFazio, MC, Patel, NC, Patel, M. Pediatric Guillain-Barre Syndrome. E Medicine

<http://www.emedicine.medscape.com/article/1180594/overview>. January 2012.

16. Efficacy of Amitriptyline as a Prophylactic Agent in Pediatric Population. Lim, Shi, Neelam, Venkaleswara, Patel, Nitin C., Thakkar, Makesh, Bollu, Pradeep.
17. Clinical Phenomena of ADHD, Attention Deficit Hyperactivity Disorder in Children and Adolescents, book edited by Somnath Banarjee, ISBN 978-953-51-1086-6, June 27,2013.
18. Patel NC, Riggins RD, Patel HN, Rodgers-Neame NT. Benign Neonatal Convulsions. eMedicine from WebMD. Updated November 23, 2011. Available at: <http://emedicine.medscape.com/article/1175719-overview>

PRESENTATIONS

Grandrounds

1. Introduction to the Newer Antiepileptics, Child Health Grand Rounds. February, 1999
2. Unusual Case of Seizures-Lactic Acidosis, Psychiatry-Neurology Grand Rounds April, 2000
3. Seizures in Childhood, Sinclair School of Nursing, Conference for School Nurses, July, 2000
4. Antiepileptics in the 21st Century, Child Health Grand Rounds, February, 2002
5. Targeting Migraines, Child Health Grand Rounds, August, 2003

6. Seizure Management, Psychiatry Department Grand Rounds, November, 2003
7. New Formulations for Anti-epileptic Drugs, Mid-Missouri area physicians, sponsored by Abbott Laboratories, May, 2004
8. Non-Epileptic Seizures, Child Health Grand Rounds, April, 2005
9. Case Study: A Brain Abscess, Neurology Grand Rounds, August, 2005
10. Mood Disorders: VNS for Depression, Neurology Grand Rounds, November, 2005
11. Treatment of Adult Epilepsy: An Expert Opinion, Neurology Grand Rounds, January, 2007
12. Expert Opinion for Choosing the Right AED for the Pediatric Patient, Child Health Grand Rounds, March, 2007
13. Pathophysiology of Migraine Headache, Neurology Grand Rounds, October, 2007
14. Office Management of Seizures, Child Problem Conference, June, 2008
15. Infantile Spasms, Department of Child Health, Grand Rounds, September, 2010
16. Recognizing and Managing Concussion and Post-Concussion Syndrome, Department of Neurology, Grand Rounds, January 2011
17. Pediatric Epilepsy Syndromes, Department of Child Health, Grand Rounds, June, 2012

Lectures to Residents

1. Approach to the Child with Headaches, Department of Child Health Residency Conference, May, 2002
2. Approach to the Child with Seizures, Department of Child Health Residency Conference, April, 2003
3. Febrile Seizures in Childhood, Department of Child Health Residency Conference, July, 2003
4. Embryology and Developmental Disorders, Department of Neurology Residency Conference, October, 2003
5. Metabolic Disorders in Neurology, Department of Neurology Residency Conference, October, 2003
6. The Childhood Epilepsies, Department of Neurology Residency Conference, November, 2003
7. Approach to the Psychiatric Patient with Seizures, Department of Psychiatry Residency Conference, November, 2003
8. Headaches and Sleep Disorders, Department of Psychiatry Resident Lecture Series, November, 2003
9. Diagnostic and Treatment Issues in ADHD, Department of Child Health Residency Conference, December, 2003

10. The Neurocutaneous Disorders, Department of Neurology Resident Lecture Series, January, 2004
11. Febrile Seizures in Childhood, Department of Child Health Residency Conference, March, 2004
12. Developmental Neuroanatomy, Department of Psychiatry Resident Lecture Series, October, 2004
13. Neurogenetics, Department of Neurology Resident Lecture Series, November, 2004
14. Metabolic Diseases in Children, Department of Neurology Resident Lecture Series, November, 2004
15. Headaches, Department of Child Health Residency Conference, February, 2005
16. Management of Acute Seizures and Status Epilepticus, Department of Child Health Residency Conference, February, 2005
17. ADHD: An Overview, Department of Psychiatry Resident Lecture Series, August 2005
18. New Approaches to ADHD, Department of Child Health Residency Conference, August 2005
19. Seizures, Department of Child Health Residency Conference, July 2006

20. How to Manage Acute Seizure Patients, Department of Child Health Residency Conference, October 2006
21. Developmental Neuroanatomy, Department of Psychiatry Resident Lecture Series, November 2006
22. Headaches, Department of Child Health Residency Conference, January 2007
23. Leukodystrophies, Department of Neurology Residency Series, March 2007
24. Acute Management of Seizures, Department of Neurology Residency Series, May, 2008
25. ADHD, Department of Neurology Residency Series, May 2008
26. Acute Management of Seizures, Department of Child Health Residency Conference, June 2008
27. ADHD, Department of Child Health Residency Conference, June 2008
28. Ataxia, Department of Neurology Residency Series, July, 2008
29. Neuroanatomy, Department of Psychiatry Resident Lecture Series, November 2008
30. Biological Rhythms, Sleep and Dreaming, Sleep Didactic Program, December 2008
31. Sleep Issues in Pediatrics or ... When counting sheep is not enough, Sleep Didactic Program, December 2008

32. Seizures, Department of Neurology Residency Series, February, 2009
33. Pseudoseizures, Psychiatry Resident Lecture Series, November 2009
34. Paroxysmal Disorders in Children, Department of Child Health Residency Conference, February 2010
35. Coma, Department of Neurology Residency Series, February 2010
36. Increased Intracranial Pressure, Department of Child Health Residency Conference, February 2010
37. Coma, Department of Child Health Residency Conference, March, 2010
38. Sleep Disorder in Children, Sleep Didactic Program, May, 2010
39. Acute Treatment of Seizures, Department of Child Health Residency Conference, August, 2010
40. Acute Treatment of Seizures, Department of Neurology Residency Series, August, 2010
41. Headaches, Department of Child Health Residency Conference, August, 2010
42. Neurocutaneous Syndromes, Department of Neurology Residency Series, September, 2010
43. Office Management of Seizures, Department of Child Health Residency Conference, October, 2010

44. Clinical Approach to Circadian Rhythm, Sleep Didactic Program, December, 2010
45. Neurogenetics, Department of Neurology Residency Series, December, 2010
46. Neuropathology, Psychiatry Resident Lecture Series, January 2011
47. Neonatal EEG: A visual assessment of neonatal EEG, Department of Neurology Residency Series, April 2011
48. Neonatal Seizures: Conditions that mimic neonatal seizures, Department of Neurology Residency Series, May 2011
49. Infantile Botulism, GBS, Hemiplegic migraine, Ataxia, Various causes of Pediatric Strokes, Department of Neurology Residency Series, July 2011
50. Infantile Botulism, GBS, Hemiplegic migraine, Ataxia, Various causes of Pediatric Strokes, Department of Child Health Residency Conference, July 2011
51. Approach to Headaches, Department of Child Health Residency Conference, August 2011.
52. Approach to Headaches, Department of Neurology Residency Series, August 2011.
53. Coma, Department of Child Health Residency Conference, July 2011
54. Approach to Headaches, Department of Child Health Residency Conference, August 2011.

55. Approach to Headaches, Department of Neurology Residency Series, August 2011.
56. Developmental Neurology, Psychiatry Resident Lecture Series, August 2011
57. Congenital Metabolic Disease, Department of Neurology Residency Series, March 2012.
58. Congenital Myopathy, Department of Neurology Residency Series, April 2012.
59. Mysthenia Gravis in Childhood, Department of Child Health Residency Conference, May 2012.
60. Mysthenia Gravis in Childhood, Department of Neurology Residency Series, May 2012.
61. Overview of Office Management of Seizures, Department of Child Health Residency Conference, May 2012.
62. Genetics of Brain Development and Malformation, Department of Child Health Residency Conference, May, 2012
63. New Approaches to ADHD, Department of Child Health Residency Conference, June, 2012
64. Coma, Department of Child Health Residency Conference, July, 2012
65. Macrocephalopathy, Department of Child Health Residency Conference, September, 2012

66. Crainosynostosis, Department of Child Health Residency Conference, October, 2012
67. Ataxia, Department of Child Health Residency Conference, January, 2013.

Lectures to Medical Students

1. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, August, 2002
2. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, September, 2002
3. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, November, 2002
4. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, January, 2003
5. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, March, 2003
6. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, April, 2003
7. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, July, 2003

8. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, September, 2003
9. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, November, 2003
10. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, April, 2004
11. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, July, 2004
12. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, September, 2004
13. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, November, 2004
14. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, January, 2000
15. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, March, 2005
16. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, March, 2005
17. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, July, 2005

18. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, September, 2005
19. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, November 2005
20. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, January 2006
21. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, March 2006
22. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, May 2006
23. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, July 2006
24. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, August 2006
25. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, November 2006
26. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, January 2007
27. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, March 2007

28. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, May 2007
29. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, July 2007
30. Neurological Evaluation of the Child, Department of Neurology Medical Student Lecture, September 2007
31. Approach to Headaches, Department of Child Health Medical Student Lecture, August 2011

Lay and Public Presentations

1. Treatment Approaches to Resistant Epilepsy, Patients and care givers of patients with refractory epilepsy, sponsored by Cyberonics, March, 2000
2. Sleep Disturbances in Children, KMIZ interview with Stephanie Shafer, March, 2004
3. Treatment Approaches to Resistant Epilepsy, Patients and care givers of patients with refractory epilepsy, sponsored by Cyberonics, June, 2004
4. Device Eases Seizure Severity, (benefits of VNS therapy), Columbia Missourian article, July 2004
5. Treatment of Tourette's Syndrome, Missouri Medical Focus, KBIA 91.3 Radio station, February, 2005

RESEARCH SUPPORT

Title: Gabapentin Treatment for Partial Complex Seizures in Children.

Description: This was a double blind study using Gabapentin for children between the ages of 1 month and 36 months with partial complex seizures. The study was extended to 48 months as an open label study.

Granting Agency: Park Davis Company

Years: 1998-1999

Title: An Open-Label, Un-controlled , Long-Term Study to Assess the Safety of Lamictal in Pediatric Subjects Previously Enrolled in Protocol LAM2006 and in Lamictal-naive Subjects (1-24 months of age)

Description: This is an international, multi-center study using an uncontrolled open-label design to investigate the long-term safety of Lamictal in subjects (age 1-24 months) who have not received previous treatment with Lamictal.

Granting Agency: GlaxoSmithKline

Year: 2005

Title: An Assessment of Behavioral Changes Associated with Lamotrigine and Levetiracetam in Patients with Epilepsy-LAM40124

Description: This study will prospectively compare in a randomized, double-blind setting, the change in behavior, specifically anger, irritability and hostility in patients with epilepsy after receiving lamotrigine and levetiracetam. A secondary objective will be to compare the safety and tolerability of lamotrigine and levetiracetam as adjunctive therapy in subjects with partial seizures.

Granting Agency: GlaxoSmithKline

Year: 2005

Title: Phase III Pediatric Epilepsy Feasibility, Trial number: TOPMAT-PEP-3001

Description: This study is a randomized, Double-Blind, Placebo Controlled, Fixed Dose-ranging Study to Assess the Safety, Tolerability and Efficacy of Topiramate as Adjunctive Therapy for Infants with Refractory Partial and Clinically Generalized Epilepsy.

Granting Agency: Ortho-McNeil

Year: 2005

Title: A Randomized, Open-Label, Multicenter Study With Open-Label Extension of the Pharmacokinetics and Safety of Topiramate Administered as the Oral Liquid and Sprinkle Formulations as an Adjunct to Concurrent Anticonvulsant Therapy in Therapy in Infants (Aged 1 to 23 Months, Inclusive) With Refractory Partial-Onset Seizures.

Granting Agency: Johnson & Johnson Pharmaceutical Research & Development, L.L.C.

Year: 2005

Title: Long-Term, Open-Label Safety Study of Oral Almotriptan Malate 12.5 mg in the Treatment of Migraine in Adolescents.

Description: This is an open-label, multi-center study of approximately 450 adolescent subjects with a diagnosis of migraine headaches. The study consists of two phases: screening and open-label treatment. Subjects will treat all migraine headaches or attacks with almotriptan 12.5 mg.

Granting Agency: Omnicare Clinical Research for Ortho-McNeil

Year: 2005

Title: A Double-Blind Trial Comparing the Efficacy, Tolerability and Safety of Monotherapy Topiramate versus Phenytoin in Subjects with Seizures Indicative of New Onset Epilepsy. Trial Number CAPSS-272

Granting Agency: Ortho-McNeil Pharmaceutical, Inc.

Year: 2006

Title: Lacosamide Monotherapy SP902

Description: To assess the efficacy and safety of conversion to lacosamide 400mg/day monotherapy in subjects with partial-onset seizures.

Granting Agency: Schwarz BioSciences

Year: 2009

Title: A Randomized, Double-blind, Placebo-controlled, Parellel-group Study with an Open Label Extension Phase to Evaluate the Effect of Perampanel (2007) on Cognition, Growth, Safety, Tolerability and Pharmacokinetics When Administered as an Adjunctive Therapy in Adolescents (12 to less than 18 years of age) With Inadequately Controlled Partial-onset Seizures.”

Granting Agency: Eisai, Inc and PPD

Year: 2010

Title: No. 13099A, phase 3 study, Randomized, double-blind, placebo-controlled, multiple dose study of Sabril (Vigabatrin) in pediatric patients with refractory complex partial seizures

Granting Agency: Eisai, Inc and PPD

Year: 2011

Title: An Open-label Pilot Study with an Extension Phase to Evaluate the Pharmacokinetics and to Generate Preliminary Safety, Tolerability, and Efficacy of Perampanel (E2007) Oral suspension When Given as an Adjunctive Therapy in Pediatric Subjects From 2 to Less Than 12 Years of Age With Epilepsy STUDY NUMBER: E2007-G000-232

Granting Agency: Eisai, Inc. And PPD

Year: 2012

Title: A Multicenter, Double-blind, Randomized, Placebo-controlled, 4-Armed Parallel Group Study to Evaluate the Efficacy of Zolmitriptan 0.5-, 2.5- and 5-mg Nasal Spray in the Treatment of Acute Migraine Headache in Adolescents Project #1202812

Granting Agency: Astra Zeneca