Pediatric Neurology and Developmental Medicine Update Course: Focus on Patient Management

Saturday, March 2, 2019
7:00 am – 5:00 pm
Duke University Medical Center
Searle Conference Center
Bryan Research Auditorium

Sponsored by the
Duke University School of Medicine

Online Registration only:
https://events.duke.edu/patient-management-2019

CME: TRANSFORMING KNOWLEDGE

Duke Medicine
Pediatric Neurology and Developmental Medicine Update
Course: Focus on Patient Management

Accreditation
The course provides Medical and Nursing Continuing Education Credits. The Duke University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation
Medical CE: The Duke University School of Medicine designates this live activity for a maximum of 7.0 AMA, PRA Category 1 Credits. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nurse CE: Duke University Health System Department of Clinical Education and Professional Development designates this activity for up to 7.0 credit hours for nurses. Nurses should claim only credit commensurate with the extent of their participation in this activity.

Special Assistance
The Duke University Department of Pediatrics Division of Neurology is committed to making its activities accessible to all individuals. If you are in need of accommodations, please do not hesitate to email Vickie Wilson (Vickie.Wilson@duke.edu) with a description of your needs.

Exhibitor Support Acknowledgment
The following companies will exhibit at the CME activity. A complete list of supporters will be published in the course syllabus.

Symposium Goals
The goals of the symposium are:
1. Enhance the ability of participants in identification, evaluation and care of common and important developmental and neurological disorders in children.
2. Update participants on front-line advancements and hot topics in general pediatric neurology, and developmental medicine.
3. Update participants on cutting-edge developments in epilepsy including special populations, status epilepticus, new medications, surgical management, and cortical function localization.

Target Audience
Special Symposia Program: Child neurologists, epileptologists, adult neurologists, neurosurgeons, and nurse practitioners. Developmental Medicine Program: Pediatricians, Pediatric Providers, Nurses and primary care health professionals

Nursing Symposium: Neuroscience nurses inpatient and outpatient

Learning Objectives
At the conclusion of this activity, participants should be able to:
1. Discuss the updates and evolving guidelines to providers in identification, evaluation and management of common pediatric neurological and neurodevelopmental disorders.
2. Delineate the advancements and controversies in evaluation and management of various of the above disorders
3. Describe the advancements and current controversies on epilepsy surgery localization, antiepileptic drugs, and underlying mechanisms.

Disclosure
The Duke University School of Medicine adheres to the ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of the planning committee and faculty’s commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of off-label, experimental, or investigational uses of drugs or devices in their presentations.

Resolution of Conflicts of Interest
In accordance with the ACCME Standards for Commercial Support of CME, the Duke University School of Medicine implemented mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.

Disclaimer
The information provided at this CME activity is for continuing education purposes only and is not meant to substitute for the independent medical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient’s medical condition.
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Registration Information

Registration Fee:
$150 by February 15, 2019; Late registration $175.00. Free registration for Residents and Students from any institution and for all Duke Nurses and Physicians with proof of status. Free registration based on need and available space please email Vickie Wilson at vickie.wilson@duke.edu for information on how to register for free. Registration includes attendance at all sessions, course materials, Coffee breaks and lunch.

Cancellation Policy

A written notice of cancellation must be received by Wednesday, February 15th. Refunds will be the registration fee less a $25.00 administrative fee.

On Site Registration and Check-In

Registration Desk located outside the Searle Center Main Lecture Hall
7:00 am Registration opens

Contact Information

For Course Activity Information, please contact Vickie Wilson (vickie.wilson@duke.edu).

For Registration Questions, please contact Duke Conference and Event (conferenceservices@duke.edu) or Vickie Wilson at vickie.wilson@duke.edu.

Lodging Information

Contact Vickie Wilson for a list of hotels located within four miles of Duke University.

The Cambria Hotel Durham (919-286-3111) is offering a negotiated group rate of King $118.00 and 2 Queens at $126.00 plus taxes per night. Mention group name “Duke Pediatric Neurology” to get this rate.

Book by Friday February 17th.

Directions and Parking Information

The Searle Center is located in the Sealey G. Mudd Building, which is contiguous to Duke University Medical Center in Durham, North Carolina. Just 20 minutes northwest of Raleigh-Durham Airport (RDU), Durham is also just 15 minutes north of Chapel Hill, and 30 minutes west of Raleigh.

Duke University Medical Center Searle Conference Center is located at 10 Bryan Searle Drive, Durham, NC 27710.

Parking is available at the Bryan Research Building Parking Garage located on Research Drive.
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<th>Time</th>
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<tbody>
<tr>
<td>7:00 - 7:45</td>
<td>Registration</td>
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<tr>
<td>7:45 - 8:00</td>
<td>Opening Remarks</td>
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<tr>
<td>8:00 - 8:30</td>
<td>Novel Therapies for Neurogenetic Diseases: from Small Molecules to Gene Therapy- Rose-Mary Boustany</td>
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<td>8:30 - 9:00</td>
<td>mTOR Pathway: a New Window for Precision Therapy - Kevin Ess</td>
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<td>9:00 - 9:10</td>
<td>Break</td>
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<td>9:10 - 9:30</td>
<td>Prediction of Delays in Infancy- Monica Lemmon</td>
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<tr>
<td>9:30 - 10:00</td>
<td>Tone/Spasticity Assessment and Medical Management - Edward Smith</td>
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<td>10:00 - 10:30</td>
<td>Tone/Spasticity Surgical Management - Herbert Fuchs</td>
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<td>10:30 - 11:00</td>
<td>Tone/Spasticity Complications: Orthopedic Surgical Management -Robert Fitch</td>
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<td>11:00 - 11:30</td>
<td>Assistive Technology for Children with Motor Impairment- Robbin Newton</td>
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<td>11:30 - 12:00</td>
<td>Assistive Technology for Learning and Communication - Dianamari Castillo-Ruiz</td>
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<td>12:00 - 1:00</td>
<td>Lunch</td>
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<td>1:00 - 1:30</td>
<td>Developmental Delays: Guidelines for Screening and Management - Ave Lachiewicz</td>
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<td>1:30 - 2:00</td>
<td>Supplemental Security Income (SSI) and American Disability Act (ADA) school based rights - Jane Wettach</td>
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<td>2:00 - 2:30</td>
<td>Special Education for School Age Children - Jane Wettach</td>
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<td>2:30 - 3:00</td>
<td>Adolescents with Disabilities- Joan Jasien</td>
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<td>3:00 - 3:30</td>
<td>Racism, an Adverse Childhood Experience- Purnima Valdez</td>
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<td>3:45 - 4:15</td>
<td>Quality of Life Perspectives in Children with Disabilities- Ray Barfield</td>
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<td>4:15 - 4:45</td>
<td>Cell Therapy – Hope for Families Who Need it- Jessica Sun</td>
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<td>9:10-9:30</td>
<td>Migraine Headache Management and Treatment - Klaus Werner</td>
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<td>9:30-10:00</td>
<td>Epilepsy Monitoring Unit Admission Process - Lisa Messer</td>
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<td>10:00-10:30</td>
<td>Seizure Types - Jennifer Street</td>
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<td>10:30-11:00</td>
<td>Epilepsy Syndromes - Dmitry Tchapyjnikov</td>
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<td>11:00-11:30</td>
<td>Pseudo Seizures - Dmitry Tchapyjnikov</td>
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<td>11:30-12:00</td>
<td>Conversion/Pseudo Seizure Treatment - Katharine Ramsdell</td>
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<td>1:30-2:00</td>
<td>Ketogenic Diet - Candy Richardson</td>
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<td>1:30-2:00</td>
<td>Automated Home Seizure Detection and Management Devices - Lyndsey Prange</td>
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<td>2:00-2:30</td>
<td>Pediatric Neurology Intensive Care - Carolyn Pizoli</td>
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<td>2:30-3:00</td>
<td>Concussion in Children - Carolyn Pizoli</td>
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<td>3:00-3:30</td>
<td>Fetal Neurology - Monica Lemmon</td>
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<td>3:30-3:45</td>
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<td>3:45-4:15</td>
<td>Virtual Jane - Seizure Simulation Session I - David Spain (Not eligible for CME credits)</td>
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<tr>
<td>4:15-4:45</td>
<td>Virtual Jane - Seizure Simulation Session II - David Spain (Not eligible for CME credits)</td>
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Course Director
Mohamad Mikati, MD
Wilburt C. Davison Distinguished Professor of Pediatrics
Professor of Neurobiology
Division Chief, Pediatric Neurology and Developmental Medicine

Duke Faculty
Department of Pediatrics / Division of Pediatric Neurology / Developmental Medicine
Joan Jasien, MD
Assistant Professor of Pediatrics, Director, Cerebral Palsy Clinic

Sujay Kansagra, MD
Director, Pediatric Neurology Sleep Medicine Program, Assistant Professor of Pediatrics

Ave Lachiewicz, MD
Associate Clinical Professor of Pediatrics

Monica Lemmon, MD
Assistant Professor of Pediatrics
Director, Neonatal Neurology Program

Carolyn Pizoli, MD, PhD
Assistant Professor of Pediatrics
Director, Pediatric Neurology Intensive Care Program

Lyndsey Prange, MSN, APRN, CPNP, Pediatric Neurology Nurse Practitioner

Elizabeth Rende, DNP, RN, CPNP, PC, PMHS-BC
Pediatric Neurology Nurse Practitioner

Edward Smith, MD
Associate Professor of Pediatrics
Co-Director, Neuromuscular Program, Director, Pediatric Muscular Dystrophy clinic

Dmitry Tchapijnikov, MD, Assistant Professor of Pediatric Neurology, Medical Director, Duke Center for Ketogenic Therapy

Purnima Valdez, MD
Assistant Professor of Pediatrics

Klaus Werner, MD
Assistant Professor of Pediatrics, Director, Tuberous Sclerosis and Headache Clinics

Gordon Worley, MD
Professor in Neurodevelopmental Disabilities

Muhammad Shazaad Zafar, MD,
Assistant Professor, Director, Pediatric Epilepsy Monitoring Unit

Division of Pulmonary and Sleep Medicine
Richard Kravitz, MD
Director, Pediatric Sleep Lab
Co-Director, Comprehensive Neuromuscular Program
Associate Professor of Pediatrics

Child & Family Mental Health
Melanie Bonner, Ph.D.
Professor, Child & Family Mental Health

Child and Adolescent Psychiatry
Katharine Ramsdell, Ph.D.

Children Hospital Inpatient and Outpatient Services
Jennifer Street, Clinical Nurse II
Lisa Messer, BSN, RN

Dianamari Castillo-Ruiz, Ms. CCC-SLP
Bilingual Speech Pathologist - Senior Clinician
Division of Speech Pathology & Audiology
Department of Surgery

Robbin Newton, Clinical Service Manager, PT/OT

Candy Richardson, Clinical Dietitian

Division of Pediatric Hematology-Oncology
Ray Barfield, MD, PhD
Professor of Pediatric and Christian Philosophy Palliative Medicine Specialist, Pediatric Hematology-Oncology Specialist

Jessica Sun, MD
Assistant Professor of Pediatrics

Department of Law
Jane Wettach, Clinical Professor of Law

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Invited Speaker:
Carl E. Stafstrom, MD, PhD
Leader Chair in Pediatric Epilepsy
Professor of Neurology and Pediatrics
Director, Division of Pediatric Neurology
Director, Pediatric Epilepsy Center
Johns Hopkins University School of Medicine

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**Focus on Patient Management**

**Department of Neurology**
**Division of Epilepsy and Sleep**

Rodney Radtke, MD  
Professor of Medicine  
Medical Director, Sleep Disorders, and Neuro Diagnostic Laboratory

Saurabh Sinha, MD, PhD  
Epilepsy Specialist Neurologist  
Director, Adult Epilepsy Monitoring Unit

**Department of Surgery**
**Division of Neurosurgery**

Herbert Fuchs, MD, PhD  
Associate Professor of Surgery  
Chief, Pediatric Neurosurgery

Carrie Muh, MD, MS  
Assistant Professor of Surgery (Neurosurgery)

Eric Thompson, MD  
Assistant Professor (Neurosurgery)

Robert Fitch, Associate Professor of Orthopedic Surgery

**Keynote Guest Speakers**

Rose-Mary Boustany, MD  
Chief Pediatric Neurology, American University of Beirut  
Adjunct Professor, Pediatric Neurology, Duke University

Kevin Ess, MD, PhD  
Associate Professor of Pediatrics; Gerald M. Fenichel Chair in Neurology and Director of the Division of Pediatric Neurology, Vanderbilt University

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