

WAYNE STATE UNIVERSITY SCHOOL OF MEDICINE GRAND ROUNDS

Department of Neurology 8D UHC, February 2015

NEUROLOGY GRAND ROUNDS SCHEDULE IS AVAILABLE AT: <http://neurology.med.wayne.edu/>
8:30 am – 10:00am, Lecture

February 6, 2015

Adult and Pediatric Residents
Department of Neurology
Wayne State University School of Medicine
Detroit, MI

TOPIC: “*M & M Stroke, Neurocritical Care, Endovascular Neurology Case Conference*”

OBJECTIVE: **Mandatory for all Residents and Fellows to attend!**

SUPPORT: *No Commercial Support*

LOCATION: **Harper University Hospital Kresge Auditorium**

February 13, 2015

Hazem Eltahawy, MD
Associate Professor of Neurosurgery
Department of Neurosurgery
Wayne State University School of Medicine
Detroit, MI

TOPIC: “*Innovative Solutions to Complex Spine Problems*”

OBJECTIVE: 1. Discuss minimally invasive spinal procedures for relief of cord compression and spinal deformities. 2. Discuss set up of a comprehensive spine practice.

SUPPORT: *No Commercial Support*

LOCATION: **Harper University Hospital Kresge Auditorium**

February 20, 2015

Senthil Kumar Sundaram, MD
Associate Professor of Pediatrics and Neurology
Department of Pediatrics and Neurology
Wayne State University School of Medicine
Detroit, MI

TOPIC: “*Translational Genomics of Neurodevelopmental Disorders*”

OBJECTIVE: 1. To illustrate the importance of recent advances in genomics (exome sequencing), bioinformatics and diffusion tensor imaging in studying neurodevelopmental disorders. 2. To demonstrate how diffusion tensor imaging can be used as an endophenotype in the identification of new genetic causes of developmental delay. 3. To demonstrate how surgical brain tissue of infantile spasms patients can be used to identify the abnormalities in biochemical pathways.

SUPPORT: *No Commercial Support*

LOCATION: **Harper University Hospital Kresge Auditorium**

February 27, 2015

Bruce H. Cohen, MD, FAAN
Professor of Pediatrics, Northeast Ohio Medical University
Director of Neurology and Interim Director of
The Neuro-Developmental Science Center
Akron Children’s Hospital
Akron, OH

TOPIC: “*Mitochondrial Medicine: The New Frontier*”

OBJECTIVE: 1. To gain an understanding of the physical structure and basic functions of the mitochondria. 2. To gain knowledge about the different mechanisms of mitochondrial DNA activity, including the concepts of heteroplasmy, maternal transmission and threshold effect. 3. Understand the clinical manifestations of mitochondrial disease and how it can affect multiple organ systems.

SUPPORT: *Today’s grand rounds is being supported by an unrestricted educational grant from Transgenomic Inc.*

LOCATION: **Harper University Hospital Kresge Auditorium**

Target Audience: Neurologists, Neurosurgeons, Neuroradiologists, Pediatricians, Psychiatrists, WSU/DMC Practicing Physicians, WSU/DMC Faculty, Fellows, House Officer, Medical Students, Nursing Staff, and Allied Health. The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Wayne State University School of Medicine designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only credit commensurate with the extent of their participation in the activity