Managing Mitochondrial Disease: Current Trends & Perspectives
Saturday, March 21, 2015
8am-3pm
Ritz-Carlton, Buckhead in Atlanta, GA

Overview: Mitochondrial disease is a heterogeneous group of disorders characterized by impaired energy production that affects physical, cognitive, and behavioral functioning. Clinical recognition by primary care clinicians is critical to timely diagnosis and management of patients with mitochondrial disease.

Objectives:
After attending the conference, the practitioner should be able to:

- Identify clinical features and “red flags” in order to diagnose mitochondrial disorders
- Use diagnostic assessment tools and criteria, including biochemical, cardiopulmonary, and exercise testing, MRS, and muscle/tissue biopsy
- Interpret genomic and metabolic testing and apply in treatment of mitochondrial disease
- Understand the rationale behind therapy in mitochondrial disease and manage dietary supplements
- Discuss and apply currently accepted best practices in symptom management related to GI dysmotility, pain management, fatigue, and immune system, including use of functional assessment tools
- Manage the distinctive needs of patients with Autism Spectrum Disorders/mitochondrial disease co-diagnoses

Agenda:

8-8:30 a.m. Registration and coffee

8:30-9:15 Demystifying the Patient with Mitochondrial Disease
Amel Karaa MD, Instructor of Medicine, Harvard Medical School

9:20-9:30 Patient Story: Parent of an affected child (Dr. Eduardo Balcells)

9:30-10:15 Mitochondrial Disease: Screening, Evaluation, and the Role of the PCP
Fran Kendall, MD, Specialist in Genetics, Metabolism and Mitochondrial Medicine, VMP Genetics and University of Georgia
10:15-10:30  Refreshment Break

10:30-10:40  Patient Story: Adult patient (managing symptoms)

             Richard Frye MD PhD, Director of Autism Research and Associate Professor of Pediatrics, Child and Behavioral Neurologist, Arkansas Children's Hospital Research Institute

11:30-12:15  The Emerging Role of Genetics in Diagnosis and Treatment of Mitochondrial Disease: Interpreting Genetic Test Results
             Dmitriy Niyazov MD, Pediatric Genetics, Oschner Health Center for Children, New Orleans LA

12:15-1:00  Lunch

1:00-2:00  Breakout Sessions

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<th>SYMPTOM MANAGEMENT TRACK</th>
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<td>Dysmotility and Management of GI Symptoms Related to Mitochondrial Disease in Children</td>
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<tr>
<td>Jose Garza MD, MS, Medical Director, Pediatric Neurogastroenterology and Motility Program, Children's Healthcare of Atlanta</td>
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<td>Identifying and Connecting to Community Resources</td>
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<td>William Wilson MD, Professor of Pediatrics, Associate Chair for Education in Pediatrics, Division Head, Pediatric Genetics, University of Virginia</td>
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<td>Mito-Autism: The New Co-Diagnosis of Autism with Mitochondrial Dysfunction</td>
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<td>Richard Frye MD PhD, Director of Autism Research and Associate Professor of Pediatrics Child and Behavioral Neurologist, Arkansas Children's Hospital Research Institute</td>
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<td>Mitochondrial Disorders &amp; the Autism Spectrum: Implications for Neuropsychological Assessment and Management</td>
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<td>David Marcus PhD, pediatric neuropsychologist, Children's Healthcare of Atlanta</td>
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2:10-2:50  Patient and Speaker Panel Q&A
            Cristy Balcells RN MSN, Executive Director of MitoAction, moderator

2:50-3:00  Closing Comments

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