Managing Mitochondrial Disease

Saturday, March 21, 2015 8am-3pm
Ritz-Carlton, Buckhead in Atlanta, Georgia
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.

Target Audience:
- Pediatricians
- Primary care physicians
- Nurse practitioners
- Nurses
- Other interested healthcare professionals

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 and mitochondrial disease co-diagnoses

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

Amel Karaa, MD  
Instructor of Medicine, Harvard Medical School

Fran Kendall, MD  
Specialist in Genetics, Metabolism and Mitochondrial Medicine,  
VMP Genetics and University of Georgia

David J. Marcus, PhD, ABPP-CN  
Pediatric Neuropsychologist, Children’s Healthcare of Atlanta

Dmitriy Niyazov, MD  
Pediatric Genetics, Oshner Health Center for Children, New Orleans LA

Jose Garza, MD, MS  
Medical Director, Pediatric Neurogastroenterology and Motility Program,  
Children’s Healthcare of Atlanta  
GI and Dysmotility Specialist, GI Care for Kids, Atlanta GA

*Katherine Sims, MD  
Director of the Neurogenetics and Mitochondrial Disorders Clinic at the  
Massachusetts General Hospital, and Professor of Neurology at the Harvard Medical School

*William Wilson, MD  
Professor of Pediatrics, Associate Chair for Education in Pediatrics,  
Division Head, Pediatric Genetics, University of Virginia

*Cristy Balcells, RN, MSN  
Executive Director, Mitochondrial Disease Action Committee

* indicates co-course directors
## Agenda

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tr>
<td>8-8:30 a.m</td>
<td>Registration and coffee</td>
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<tr>
<td>8:30-9:15</td>
<td>Demystifying the Patient with Mitochondrial Disease</td>
<td>Amel Karaa, MD</td>
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<td>9:20-9:30</td>
<td>Patient story: Parent of an Affected Child</td>
<td>Eduardo Balcells, MD</td>
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<td>9:30-10:15</td>
<td>Seeking a Mito Diagnosis: The Role of the Pediatrician or Primary Care Provider</td>
<td>Fran Kendall, MD</td>
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<td>10:15-10:30</td>
<td>Refreshment Break</td>
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<td>10:30-10:40</td>
<td>Patient story: Adult patient (managing symptoms)</td>
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<td>10:40-11:25</td>
<td>The Mito Cocktail: Using Supplements as a Frontline Treatment Approach</td>
<td>Richard Frye, MD, PhD</td>
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<td>11:30-12:15</td>
<td>The Emerging Role of Genetics in Diagnosis and Treatment of Mitochondrial Disease: Interpreting Genetic Test Results</td>
<td>Dmitriy Niyazov, MD</td>
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<td>12:15-1:00</td>
<td>Lunch</td>
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<td>1:00-2:00</td>
<td>Breakout Sessions</td>
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<td><strong>SYMPTOM MANAGEMENT TRACK</strong></td>
<td><strong>AUTISM AND MITO TRACK</strong></td>
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<td>Dysmotility and Management of GI Symptoms Related to Mitochondrial Disease in Children</td>
<td>Mito-Autism: The New Co-diagnosis of Autism with Mitochondrial Dysfunction</td>
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<td>Jose Garza, MD</td>
<td>Richard Frye, MD, PhD</td>
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<td>Identifying and Connecting to Community Resources</td>
<td>Unique Treatment Approaches for Children with Mito-autism</td>
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<td>William Wilson, MD</td>
<td>David J. Marcus, PhD, ABPP-CN</td>
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<td>2:10-2:50</td>
<td>Patient and Speaker Panel Q&amp;A</td>
<td>Cristy Balcells RN MSN</td>
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<td>2:50-3:00</td>
<td>Closing Comments</td>
<td>Cristy Balcells RN MSN</td>
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Location and Lodging

This one-day conference will be held at the Ritz-Carlton, Buckhead, which offers effortless access to the city's finest shopping, dining and cultural attractions in close proximity to MARTA mass transit (Take North Line, Exit Buckhead Station, N7.) Discounted valet parking is available during the event and rooms are available at a special rate of $179/night (excluding tax) on a first come, first serve basis. Please contact the Ritz-Carlton, Buckhead at +1 (404) 237-2700 or online here before February 18, 2015 and reference “UVA-MitoAction” to get the special rate. Map and directions.

Joint- Providership Accreditation and Designation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of University of Virginia School of Medicine and the Mitochondrial Disease Action Committee (MitoAction). The University of Virginia School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of Virginia School of Medicine designates this live activity for a maximum of 5.75 AMA PRA Category 1 Credits.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Hours of Participation Statement

The University of Virginia School of Medicine awards 5.75 hours of participation (equivalent to 5.75 AMA PRA Category 1 Credits.™) to each non-physician participant who successfully completes this educational activity. The University of Virginia School of Medicine maintains a permanent record of participation for six (6) years.

Disclosure of Faculty Financial Affiliations

The University of Virginia School of Medicine, as an ACCME accredited provider, endorses and strives to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards of Commercial Support, Commonwealth of Virginia statutes, University of Virginia policies and procedures, and associated federal and private regulations and guidelines on the need for disclosure and monitoring of proprietary and financial interests that may affect the scientific integrity and balance of content delivered in continuing medical education activities under our auspices.

The University of Virginia School of Medicine requires that all CME activities accredited through this institution be developed independently and be scientifically rigorous, balanced and objective in the presentation/discussion of its content, theories and practices.

All faculty presenters participating in an accredited CME activity are expected to disclose relevant financial relationships with commercial entities occurring within the past 12 months (such as grants or research support, employee, consultant, stock holder, member of speakers bureau, etc.). The University of Virginia School of Medicine will employ appropriate mechanisms to resolve potential conflicts of interest to maintain the standards of fair and balanced education to the participant. Questions about specific strategies can be directed to the Office of Continuing Medical Education, University of Virginia School of Medicine, Charlottesville, Virginia.

The faculty and staff of the University of Virginia Office of Continuing Medical Education have no financial affiliations to disclose.

Disclosure of discussion of non-FDA approved uses for pharmaceutical products and/or medical devices

The University of Virginia School of Medicine, as an ACCME provider, requires that all faculty presenters identify and disclose any off-label uses for pharmaceutical and medical device products. The University of Virginia School of Medicine recommends that each physician fully review all the available data on new products or procedures prior to clinical use.
Special Needs
The Americans with Disabilities Act of 1990 requires that all individuals, regardless of their disabilities, have equal access. The Office of Continuing Medical Education at the University of Virginia School of Medicine is pleased to assist participants with special needs. Written requests must be received 30 days prior to the conference date. These should be mailed to UVA Office of Continuing Medical Education, Box 800711, Charlottesville, VA 22908 or to uvacme@virginia.edu. Please feel free to contact the facility if you have specific questions.

Registration Fees
The registration fee includes breakfast, lunch, and snacks, and online access to all course materials. Register online at www.MitoAction.org/clinicalconference. Fees: $150 for physicians, $120 for nurses and other healthcare professionals, and $50 for patients and families. Registration CLOSES on March 14, 2015, so be sure to reserve your space!

Confirmation & Cancellation Policy
Upon receipt of registration and payment, you will receive an email confirmation.

Registration fees will be refunded (less a $50 administrative fee) for written cancellations (emails and faxed requests are acceptable) received a minimum of 7 days prior to the activity date.

The University of Virginia School of Medicine reserves the right to cancel CME activities if necessary. In this case, the entire registration fee will be refunded. All other expenses incurred in conjunction with this CME activity are the sole responsibility of the participant.

Contact Information
For more information, email conference@mitoaction.org, call 1-888-648-6228 or click www.MitoAction.org/clinicalconference.