Spasticity and Neuromotor Rehabilitation: Pediatric and Adult Symposium 2018

Setting the Tone Across the Lifespan

September 13-15, 2018
Corporate College East
Warrensville Heights, OH

Featuring Hands-on Workshops
Symposium Description

The symposium will highlight strategies to assess and manage spasticity and to enhance function and quality of life in children and adults dealing with the consequences of spasticity and neuromotor disorders. The topics will cover management options (rehabilitation, devices, medical and surgical treatments) to be utilized across neurological conditions throughout the lifespan. A combination of didactic presentations, case discussions, and breakout sessions will be used to illustrate the complexity of decision making and outcome measurement.

Interaction between the audience and faculty will be encouraged throughout the symposium. An emphasis will be placed on information that can be applied in clinical practice, including recent advances.

Target Audience

Neurologists, neurosurgeons, psychiatrists, pediatricians, primary care physicians, physical therapists, occupational therapists, speech therapists, nurse practitioners, physician assistants, nurses and other disciplines involved in the diagnosis and treatment of spasticity and other neuromotor disorders.

Objectives

At the completion of this activity, the participant will be able to:

- Describe rehabilitation intervention techniques and advanced practice guidelines for pediatric and adult spasticity and neuromotor disorders
- Explain the functional consequence of spasticity throughout the lifespan
- Identify strategies for using rehabilitation, medical, and surgical therapies to optimize function in adult and pediatric patients with spasticity
- Explore alternative and integrative treatment therapies for spasticity and neurological disorders

Faculty

Symposium Co-Directors

Francois Bethoux, MD  
Director, Rehabilitation Services  
Mellen Center for Multiple Sclerosis  
Medical Director, Arts and Medicine Institute

Doug Henry, MD  
Director, Developmental and Rehabilitative Pediatrics  
Cleveland Clinic Children's Hospital for Rehabilitation

Trish Martin, PT  
Director of Therapy Services  
Cleveland Clinic Children's Hospital for Rehabilitation

Cleveland Clinic Planning Committee

Benjamin Katholi, MD  
Medical Director, Center for Pediatric Integrative Medicine  
Developmental and Rehabilitative Pediatrics  
Cleveland Clinic Children's Hospital for Rehabilitation

Gianinne Loerch, PT  
Therapy Services Manager  
Cleveland Clinic Children's Hospital for Rehabilitation

Sue Gara Mastromonaco, OTR/L  
Senior Occupational Therapist  
Cleveland Clinic Children's Hospital for Rehabilitation

Darlene Stough, RN, MSCN, CCRP  
Research Nurse Coordinator  
Mellen Center for Multiple Sclerosis

Matt Sutliff, PT, DPT, MSCS  
Clinical Team Leader  
Mellen Center for Multiple Sclerosis

www.ccfcme.org/spasticity18
### Guest Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Institution</th>
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<tbody>
<tr>
<td>James Begley, MD, MS</td>
<td>MetroHealth</td>
<td>Case Western Reserve University</td>
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<tr>
<td>Allen Bowling, MD, PhD</td>
<td>Colorado Neurological Institute</td>
<td>University of Colorado</td>
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<tr>
<td>John Chae, MD, ME</td>
<td>MetroHealth</td>
<td>Case Western Reserve University</td>
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<tr>
<td>Hank Chambers, MD</td>
<td>University of California at San Diego</td>
<td>Rady Children’s Hospital San Diego</td>
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<tr>
<td>Jill Chambers, BA, CHTP</td>
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<td>Parent</td>
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<tr>
<td>Sharon Covey, OTD, OTR/L</td>
<td>The Center for Stroke and Hand Recovery</td>
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### Cleveland Clinic Faculty

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Kenneth Baker, PhD</td>
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<tr>
<td>Nathan Barford, DO</td>
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<td>Jennifer Bartuneck, PT</td>
<td>DPT</td>
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<td>Megan Blake, OTD, OTR/L</td>
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<td>Rebecca Butler, MS, OTR/L</td>
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<td>Janella Clarke, MS, CCC-SLP</td>
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<td>Hilary Coughlin, PT</td>
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<td>Rebecca Elber, MS, OTR/L</td>
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<td>Hubert Fernandez, MD</td>
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<td>Keith Filip, PT, COMS, Med, MA</td>
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<td>Mark Fox, MD</td>
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<td>Neil Friedman, MBChB</td>
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<td>Aislynn Gallagher, MOT, OTR/L</td>
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<td>Jessica Holzbach, MS, OTR/L</td>
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<td>Juliet Hou, MD</td>
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<td>Christina Kifer, MSPT</td>
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<td>Adam Kimberly, PT, DPT, OCS</td>
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<td>Michael Fu, PhD</td>
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<td>M. Kristi Henzel, MD, PhD</td>
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<td>Karin Mente, MD, MS</td>
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<td>Rachael Parkin, Med, CCC-SLP</td>
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<td>Maureen Whitford, PT, PhD, NCS</td>
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<td>John Zapanta, PT, DPT, OCS, FAAOMPT</td>
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[www.cccme.org/spasticity18](http://www.cccme.org/spasticity18)
Thursday, September 13, 2018

7:00 am  Registration/Continental Breakfast/Exhibits
8:00 am  Introduction/Welcome – Francois Bethoux and Doug Henry
8:15 am  Keynote: Overview of Spasticity & Dystonia – Hubert Fernandez
9:00 am  Keynote: Cannabis and Spasticity: An Objective Review of Efficacy and Safety – Allen Bowling
10:30 am  Refreshment Break/Exhibits
10:45 am  Spasticity Management Across Conditions: Focus on Intrathecal Baclofen – Kristi Henzel, Francois Bethoux and Doug Henry
12:15 pm  Lunch Buffet

1:15-2:45 pm  WORKSHOP (Concurrent to Breakout Sessions A&B):
Manual Therapy for the Upper and Lower Quarter of the Neurologic Patient
Leader: John Zapanta; Assistants: Andrew Roth and Matt Sutliff
Limited to 24 participants and will be repeated on Friday

1:15-4:30 pm  BREAKOUT SESSION A
Breakout 1: Active Braces for the Hand – Sharon Covey
Breakout 2: Intrathecal Baclofen Pump: Red Flags, Troubleshooting – Doug Henry
Breakout 3: Spasticity Across the Communication Subsystem – Janella Clarke

2:45-3:00 pm  Refreshment Break/Exhibits

3:00-4:30 pm  BREAKOUT SESSION B
Breakout 4: Neuromuscular Electrical Stimulation for Upper Limb Hemiplegia – John Chae
Breakout 5: Spasticity and Related Conditions after Brain Injury – James Begley
Breakout 6: Neuroplasticity and Rehabilitation Post-Stroke – Maureen Whitford

4:30 pm  Adjourn

Friday, September 14, 2018

7:30 am  Registration/Continental Breakfast/Exhibits
8:00 am  Introduction/Welcome – Ben Katholi
8:05 am  Keynote: Cerebral Palsy: A View from Both Sides – Hank Chambers
9:20 am  Keynote: Our Transition Story: Rise up, Wise up, Eyes up – Jill Chambers
10:20 am  Refreshment Break/Exhibits

WORKSHOPS (Concurrent to Breakout Sessions C&D):
10:30-1:30 pm  Introduction to Taping: Elastic Therapeutic Tape and Rigid Tape
Instructors: Stephanie Westrick, Jennifer Bartuneck, Jessica Holzbach
Limited to 30 participants (Will be repeated Saturday.) An additional fee of $50 applies to cover taping materials.

10:30-12:00 pm  BREAKOUT SESSION C
Breakout 7: Generating ICF-Based Goals to Optimize Outcomes: A Global Therapy Strategy – Deb Sords, Megan Blake and Jaime Richmond Buran
Breakout 8: Transcranial Magnetic Stimulation – Ela Plow

12:00-1:30 pm  BREAKOUT SESSION D
Breakout 9: Adult Orthotics for the Non-Orthotist – Matt Sutliff
Breakout 10: Integrative Medicine Topics in Spasticity: FSM, Acupuncture, FDM – Ben Katholi

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Agenda

1:30 pm  
Lunch Buffet

2:15-5:15 pm  
**WORKSHOP** (Concurrent to Breakout Sessions E&F):  
Manual Therapy for the Upper and Lower Quarter of the Neurologic Patient  
Leader: John Zapanta; Assistants: Andrew Roth and Matt Sutliff  
Limited to 24 participants (Workshop repeated from Thursday)

2:15-3:30 pm  
**BREAKOUT SESSION E**  
Breakout 11: Botulinum Injection Techniques & Nerve Block – Francois Bethoux and Doug Henry  
Breakout 12: Dry Needling – Keith Filip and Adam Kimberly  
Breakout 13: Selective Dorsal Rhizotomy and Intrathecal Baclofen – Kaine Onwuzulike

3:30 pm  
Refreshment Break/Exhibits

3:45-5:15 pm  
**BREAKOUT SESSION F**  
Breakout 14: Cortical Vision Impairment (CVI) – Keith Filip  
Breakout 15: Deep Brain Stimulation – Kenneth Baker  
Breakout 16: Elasticized Orthotic Garment and Strapping System (Compression Garments) – Mary Saloka Morrison

5:15 pm  
Adjourn

Saturday, September 15, 2018

7:30 am  
Registration/Continental Breakfast/Exhibits

8:00 am  
Introduction/Welcome – Trish Martin

8:15 am  
Keynote: Is it Cerebral Palsy or not Cerebral Palsy? – Neil Friedman

9:30 am  
Keynote: Early Prediction: Choosing the Right Assessment Tools  
Victoria Kunkel and Madalynn Wendland

10:45 am  
Refreshment Break & Exhibits

11:00-12:30 pm  
**BREAKOUT SESSION G**  
Breakout 17: Constraint-induced Movement Therapy (CIMT) – Rebecca Elber and Jennifer Negrey  
Breakout 18: Augmenting Existing Communication in Individuals with Spasticity – Rachael Parkin  
Breakout 19: How GAS Is Changing the Way Goals Are Developed for Patients Across the Lifespan – Christina Kifer and Rebecca Butler  
Breakout 20: Gait Analysis for Dummies – Hank Chambers

12:30 pm  
Box Lunch

**WORKSHOP** (Concurrent to Breakout Sessions H&J):  
Introduction to Taping: Elastic Therapeutic Tape and Rigid Tape  
Instructors: Stephanie Westrick, Jennifer Bartunek, Jessica Holzbach  
Limited to 30 participants (Repeated from Friday.) An additional fee of $50 applies to cover taping materials.

1:00-2:15 pm  
**BREAKOUT SESSION H**  
Breakout 22: Virtual Environments for Neurorehabilitation – Michael Fu, Ryan Suder, Aislynn Gallagher and Julie Marchal  
Breakout 23: Updates in Pediatric Orthotics – Trish Martin

2:15 pm  
Refreshment Break/Exhibits

2:30-4:00 pm  
**BREAKOUT SESSION I**  
Breakout 24: Positioning and Adaptive Equipment for the Hypertonic Feeder – Danielle Petrozelle  
Breakout 25: Comprehensive Medical Management of Spasticity in Children – Doug Henry

4:05 pm  
Adjourn

Time for questions and answers are included in each presentation.

= adult  = pediatric

www.ccfcme.org/spasticity18
Corporate College East
4400 Richmond Rd.
Warrensville Heights, OH 44128
Phone: 216.987.2800

Hotel Accommodations
A block of rooms has been reserved at the Marriott Cleveland East located at 26300 Harvard Road, Warrensville Heights, OH 44122. **It is approximately a 3-5 minute drive time to Corporate College East.** To make your reservation, contact the hotel at 800.533.0162 and mention the “Cleveland Clinic Spasticity Meeting” to receive the special rate of $129 per night plus tax. To secure this rate, you must make your reservation by September 4, 2018.

Americans with Disabilities Act
The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Shana Spade at 216.444.9380 at least two weeks prior to the activity.

Information
For further information about this activity, contact Shana Spade at
Local: 216.444.9380
Toll Free: 800.223.2273 x49380
Email: spades@ccf.org

Accreditation
The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 22 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Ohio Psychological Association – OPA-MCE Provider – Approved for 22 credits.

Physical Therapy – Credit is being applied for with the Ohio Physical Therapy Association – Approval is pending.

Occupational Therapy – Credit is being applied for with the OT section of the Ohio OTPTAT Board – Approval is pending.

Speech-Language Pathology - This course is offered for a maximum of 22 ASHA CEUs (Intermediate level, Related area).

Nursing
The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Nurses are able to obtain CE that has been approved or provided by a nationally recognized accreditation system of continuing education.

Examples include:
• American Nurses Credentialing Center (ANCC)
• The Accreditation Council for Continuing Medical Education (ACCME)
• The International Association for Continuing Education and Training (IACET)

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**General Information**

**Faculty Disclosure Statement**

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified the activity syllabus.

A detailed disclosure statement for faculty financial and nonfinancial relationships, relevant to ASHA accreditation, can be found at www.ccfcme.org/spasticity18.

**Faculty Presentations**

Faculty presentation slides will be available online in PDF format. You will have access prior to the activity to allow you to download or print the slides. Complimentary WiFi will be available at the meeting facility.

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**Registration and Cancellation Information**

Payment must be received prior to admittance to the course. Purchase orders are not accepted.

**Register at:** www.ccfcme.org/spasticity18

CCF Employees should check fees and register online.

**Symposium Fees**

Includes online syllabus, continental breakfasts, refreshment breaks and lunch each day.

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<thead>
<tr>
<th></th>
<th>Full Symposium 3 Days</th>
<th>2 Days</th>
<th>1 Day</th>
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<tbody>
<tr>
<td>Physician</td>
<td>$400</td>
<td>$350</td>
<td>$280</td>
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<tr>
<td>Resident/Fellow*</td>
<td>$300</td>
<td>$250</td>
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<tr>
<td>Non-Physician</td>
<td>$300</td>
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<tr>
<td>Taping Workshop</td>
<td>Additional fee for taping materials – $50</td>
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*Letter from Program Director or Chairman must be received in our office prior to the course to receive this fee.

Prereregistrations are accepted online until 9:00 AM ET, **September 5, 2018**. To register after this date, please do so onsite. In case of cancellation, a full refund will be made if canceled by **August 30, 2018**. After **August 30, 2018**, a $50 cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund. **NO REFUNDS WILL BE ISSUED AFTER September 6, 2018**.

For questions about registering online, call 216.448.8710 or email cmeregistration@ccf.org

_Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone activity in our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes._

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