

Agenda

Thursday, October 17, 2024

Workshops will combine lecture and case studies with hands-on instruction.

Space is limited.

All times in Eastern Time

7:00 am **Registration/Continental Breakfast**

MORNING: Workshops 1–4

8:00 am **Instruction**

10:00 am **Refreshment Break**

10:15 am **Instruction**

12:00 noon **Lunch**

WORKSHOP 1 (Limited to 20 participants)

Update on Intrathecal Baclofen Therapy for Spasticity

Francois Bethoux, Christina Hardesty, Noel Pristas, Juliet Zakel

This workshop will combine a presentation on the latest peer-reviewed literature on intrathecal baclofen (ITB) therapy for spasticity of cerebral and spinal origin, a discussion of complex cases, and hands-on training to procedures related to ITB therapy management.

WORKSHOP 2 (Limited to 24 participants)

Introduction to Therapeutic Taping and Strapping for Motor Facilitation

Sarah Fultz, Cristina Wells, Nikki Gipson, Trish Martin, Audrey Yasukawa

This workshop will introduce the use of taping and strapping techniques as an adjunct to therapeutic interventions in the treatment of adults and children with neurologic impairments.

WORKSHOP 3 (Limited to 20 participants)

Therapy Management of Parkinson Disease

Danielle Cichon, Rachel Ference, Randy Karim

This workshop will review the typical exam findings, commonly used assessment tools and the latest evidence in the therapy management of individuals diagnosed with Parkinson Disease.

WORKSHOP 4 (Limited to 24 participants)

Vestibular PT Examination and Treatment

Jennifer Williams, Janet Kucinic, Andrew Lioi

This workshop's purpose is to review common vestibular disorders, to perform vestibular focused clinical exam, and to treat appropriately.

AFTERNOON: Workshops 5–8

12:30 pm **Instruction**

2:30 pm **Refreshment Break**

2:45 pm **Instruction**

4:30 pm **Adjourn****WORKSHOP 5** (Limited to 20 participants)**Ultrasound Guided Botulinum Toxin and Phenol Injections for Spasticity Management***Geraldine Dapul, Kush Goyal, Matt Mitchkash, Juliet Hou*

This workshop will include a presentation on the principles of ultrasound (US) guided botulinum toxin (BoNT) and phenol injections for the management of spasticity followed by hands-on training, focusing on muscle and nerve localization.

WORKSHOP 6 (Limited to 50 participants)**Functional Neurological Disorder (FND) Assessment and Treatment***Julie Hershberg, Amy Cassady, Michelle Hudson, Amanda Guberinic, Katie Chae*

In this workshop we will review assessment and treatment principles in FND and put principles into practical application. We will practice assessment techniques including the Hoover test and variations on the TUG. We will practice intervention to apply the OPTIMAL theory and sensory and autonomic training to improve a person's functional ability.

WORKSHOP 7 (Limited to 26 participants)**Applied Manual Therapy for the Neurologic Patient***Andrew Roth, Connor Geer, Robert Robinson*

This lab-based class will include lecture and demonstration on joint mobilization techniques throughout the body with hands on practice and mentoring. Lecture will include applications and guidelines for use in patients with CNS dysfunction.

WORKSHOP 8 (Limited to 12 participants)**Casting and Splinting: Upper Extremity***Audrey Yasukawa, Meghan Price*

Spasticity and contracture are common clinical problems that impede the process of functional training in the pediatric patients with central nervous system dysfunction. Children with CP, TBI, OBPI, and others display varying degrees of spasticity and/or joint contracture, which interfere with functional motor skills. This workshop will provide hands-on experience with fabricating various types of cast and splints.

Friday, October 18, 2024*All times in Eastern Time*8:00 am **Introduction/Welcome***Francois Bethoux*8:15 am **Reconciling the Social and Medical Models of Disability***Elizabeth Barnes*9:15 am **Therapy Management of Individuals with Functional Neurological Disorder***Julie Hershberg*10:15 am **Refreshment Break/Exhibits**10:30 am **Neuromodulation for the Treatment of Dystonia***Benjamin Walter*11:30 am **What's Really Happening in the Muscles of Patients With Spasticity, Stiffness and Pain?***Preeti Raghavan*

- 12:30 pm **Lunch Buffet**
- 1:30–2:45 pm **BREAKOUT SESSION A**
- Breakout 1: **Dry Needling for the Neurologic Patient**
Keith Filip (Peds) and Andrew Roth (Adult)
- Breakout 2: **Disorders of Consciousness: Importance of a Specialized Rehabilitation Program**
Sheital Bavishi and Tracy Shannon
- Breakout 3: **Using High Intensity Gait Training to Transform Neuro Outcomes**
Randy Karim
- Breakout 4: **Another Tool In The Therapy Box: Frequency Specific Microcurrent**
Hilary B. Coughlin
- 2:45 pm **Refreshment Break/Exhibits**
- 3:00–4:15 pm **BREAKOUT SESSION B**
- Breakout 5: **Indications for Orthopedic Surgery in Children with Spasticity**
Ernest Young
- Breakout 6: **Yoga and Traumatic Brain Injury**
Lisa Leonard and Lanie McManus
- Breakout 7: **Magic Pill? The Neuroplastic, Cardiorespiratory, and Metabolic Benefits of Aerobic Exercise**
Susan Linder
- Breakout 8: **Orthotics Decision-Making: Choose Your Own Adventure**
Trish Martin and Randy Karim

Saturday, October 19, 2024

All times in Eastern Time

- 7:30 am **Registration/Continental Breakfast/Exhibits**
- 8:00 am **Introduction/Welcome**
Lainie Holman
- 8:05 am **Spinal Cord Injury Rehabilitation: Current Practice and Emerging Treatments**
James Wilson and Noel Pristas
- 9:05 am **Oral Poster Presentations**
- 10:05 am **Refreshment Break/Exhibits**
- 10:20 am **Caregiving, Medical Decision Making, and Technology Challenges for a Child with TBI**
James Sulzer
- 11:20 am **Box Lunch/Exhibits**
- 12:00–1:15 pm **BREAKOUT SESSION C**
- Breakout 9: **Spine-tingling Innovations in Pediatric Spinal Cord Injury Therapy**
Merissa Poreda and Liz May

- Breakout 10: **Vision Screening and Low Vision**
Christina Duncan, Alyssa DeCarlo and Laura Kovach
- Breakout 11: **Trauma Tolls: Impact of Complex Trauma on Patients, Families, and Caregivers**
Maureen Giardina
- Breakout 12: **Pain Relief and Spasticity Management**
Francois Bethoux
- 1:15–2:30 pm **BREAKOUT SESSION D**
- Breakout 13: **Disorders of Consciousness: A Therapeutic Perspective**
Virginia Sullivan and Lisa Leonard
- Breakout 14: **Rehabilitation of the Diaphragm and Phrenic Nerve: Role of Diaphragm Pacing**
Raymond Onders
- Breakout 15: **Exploring Gait Biomechanics and its Implication on Neurorehabilitation Practice**
Susan Linder
- 2:30 pm **Adjourn**

A five-minute question and answer period is included in each presenter's allotted time.