

# NeuroRehabilitation 2024

Live Streaming • May 15 – 17, 2024

## Schedule

All times below are Eastern Daylight Time.

### Wednesday, May 15, 2024

|                    |  |
|--------------------|--|
| 9:00am to 9:10am   | <b>Welcome and Announcements</b><br><i>Mel Glenn, MD</i>   |
| 9:10am to 9:50am   | <b>KEYNOTE: Early Mobilization of Patients in the ICU</b><br><i>Nicole Mazwi, MD</i>   |
| 9:50am to 10:00am  | <b>Q&amp;A with Dr. Mazwi</b>  |
| 10:00am to 10:05am | <b>Break</b>   |
| 10:05am to 10:55am | <b>KEYNOTE: The Management of Spasticity</b><br><i>Monica Verduzco-Gutierrez, MD</i>   |
| 10:55am to 11:05am | <b>Q&amp;A with Dr. Verduzco-Gutierrez</b>   |
| 11:05am to 11:20am | <b>Break</b>   |
| 11:20am to 12:10pm | <b>Artificial Intelligence and Machine Learning in Neurorehabilitation</b><br><i>Paolo Bonato, PhD and Swathi Kiran, PhD, CCC-SLP</i>  |
| 12:10pm to 12:20pm | <b>Q&amp;A with Drs. Bonato and Kiran</b>  |
| 12:20pm to 1:20pm  | <b>Break</b>   |
| 1:20pm to 2:10pm   | <b>Interactive Breakout Sessions 1A - 1C</b><br><i>Each of these sessions includes 10 minutes of Q&amp;A.</i><br><br>1A <b>Common Causes of Diagnostic Error in Patients with Severe Brain Injury (and Strategies to Avoid Them)</b> |

*Joseph Giacino, PhD*

**1B Lower Extremity Orthotics after Stroke**

*Dawn Lucier, PT*

**1C The Perspective of People Living with SCI**

*Kimberly Anderson, PhD*

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2:10pm to 2:15pm

**Break**

2:15pm to 3:05pm

**Interactive Breakout Sessions 2A - 2C**

*Each of these sessions includes 10 minutes of Q&A.*

**2A Headache Management in Concussion**

*M. Alexis Iaccarino, MD*

**2B Rehabilitation Approaches to Caring for Patients with Brain Tumors**

*Shirley Shih, MD and Sasha Knowlton, MD*

**2C Cardiometabolic Issues after SCI**

*Sunil Sabharwal, MD*

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3:05pm to 3:20pm

**Break**

3:20pm to 4:10pm

**Interactive Breakout Sessions 3A - 3C**

*Each of these sessions includes 10 minutes of Q&A.*

**3A New Diagnostic Criteria for Mild TBI**

*Grant Iverson, PhD*

**3B Emerging Evidence on Enhancing Post-stroke Recovery: Vagus Nerve Stimulation and Rehabilitation**

*Teresa Jacobson Kimberley, PT, PhD*

**3C Brain-Computer and Brain-Spinal Cord Interfaces**

*Leigh Hochberg, MD, PhD*

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4:10pm to 4:15pm

**Break**

4:15pm to 5:05pm

**Interactive Breakout Sessions 4A - 4C**

*Each of these sessions includes 10 minutes of Q&A.*

**4A/B Rehabilitation of Memory Disorders after TBI and Stroke**

*Therese O'Neil-Pirozzi, ScD, CCC-SLP*

**4C Update on ASIA Classification**

*Marika Hess, MD*

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## Thursday, May 16, 2024

|                    |   |
|--------------------|---|
| 9:00am to 9:05am   | <b>Morning Introduction</b><br><i>Mel Glenn, MD</i>   |
| 9:05am to 9:45am   | <b>Gamified Neurorehabilitation Strategies</b><br><i>Jenna Tosto-Mancuso, PT, DPT</i>   |
| 9:45am to 9:55am   | <b>Q&amp;A with Dr. Tosto-Mancuso</b>   |
| 9:55am to 10:00am  | <b>Break</b>  |
| 10:00am to 10:40am | <b>Rehabilitation of Functional Neurologic Disorders</b><br><i>Ginger Polich, MD</i>  |
| 10:40am to 10:50am | <b>Q&amp;A with Dr. Polich</b>  |
| 10:50am to 11:05am | <b>Break</b>  |
| 11:05am to 11:55am | <b>Interactive Breakout Sessions 5A - 5C</b><br><i>Each of these sessions includes 10 minutes of Q&amp;A.</i> <ul style="list-style-type: none"> <li>5A <b>Recovery and Outcome after Severe TBI and Disorders of Consciousness</b><br/><i>Yelena Bodien, PhD</i></li> <li>5B <b>Pharmacologic Treatment of Dementia</b><br/><i>Scott McGinnis, MD</i></li> <li>5C <b>Women's Health after SCI</b><br/><i>Chloe Slocum, MD, MPH</i></li> </ul> <i>All sessions will be recorded as they are live streamed and placed in the online course video library, enabling registrants to view more than one breakout session. The video library will be available for 90 days after the conclusion of the course.</i> |
| 11:55am to 12:55pm | <b>Break</b>  |
| 12:55pm to 1:45pm  | <b>Interactive Breakout Sessions 6A - 6C</b><br><i>Each of these sessions includes 10 minutes of Q&amp;A.</i> <ul style="list-style-type: none"> <li>6A <b>Adjusting to the New Normal after TBI (with TBI survivor)</b><br/><i>Chris Carter, PsyD and Alison Rheaume, MS</i></li> </ul>  |

**6B Models of Stroke Neurorecovery: The Cutting Edge***David Lin, MD***6C Sports and Exercise for People with SCI***Kathleen Comfort Salas, PT, MHA*

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1:45pm to 1:50pm

**Break**

1:50pm to 2:40pm

**Interactive Breakout Sessions 7A - 7C**

*Each of these sessions includes 10 minutes of Q&A.*

**7A/B Rehabilitation of Executive Dysfunction after TBI and Stroke***Olivia Gampel, SLP and Emmaleigh Loyer, SLP***7C Update on Amyotrophic Lateral Sclerosis***Sabrina Paganoni, MD, PhD*

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2:40pm to 2:45pm

**Break**

2:45pm to 3:35pm

**Interactive Breakout Sessions 8A - 8C**

*Each of these sessions includes 10 minutes of Q&A.*

**8A Domestic Violence and TBI***Eve Valera, PhD***8B Augmentative and Alternative Communication after Stroke***Michelle Ganann, MS, CCC-SLP***8C Endocrine Issues after SCI***Rodrigo Valderrabano, MD*

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3:35pm to 3:50pm

**Break**

|                  |  |
|------------------|--|
| 3:50pm to 4:40pm | <p><b>Interactive Breakout Sessions 9A - 9C</b></p> <p><i>Each of these sessions includes 10 minutes of Q&amp;A.</i></p> <p><b>9A Mild TBI and Post-Traumatic Stress Disorder in the Military</b><br/><i>M. Alexis Iaccarino, MD and Lauren Brenner, PhD</i></p> <p><b>9B/C Cryoneurolysis for Spasticity</b><br/><i>Paul Winston, MD</i></p> <p><i>All sessions will be recorded as they are live streamed and placed in the online course video library, enabling registrants to view more than one breakout session. The video library will be available for 90 days after the conclusion of the course.</i></p>  |
| 4:40pm to 4:45pm | <p><b>Break</b></p>  |
| 4:45pm to 5:35pm | <p><b>Interactive Breakout Sessions 10A - 10C</b></p> <p><i>Each of these sessions includes 10 minutes of Q&amp;A.</i></p> <p><b>10A Structural and Functional Neuroimaging in TBI</b><br/><i>Brian Edlow, MD</i></p> <p><b>10B Music Therapy in Stroke and Parkinson's Disease</b><br/><i>Brian Harris, MA, MT-BC, NMT/F</i><br/><i>This session not eligible for CME credit.</i></p> <p><b>10C Coping and Adjustment after SCI</b><br/><i>Edelmira Kruger, PhD</i></p> <p><i>All sessions will be recorded as they are live streamed and placed in the online course video library, enabling registrants to view more than one breakout session. The video library will be available for 90 days after the conclusion of the course.</i></p> |

## Friday, May 17, 2024

|                    |   |
|--------------------|---|
| 9:00am to 9:05am   | <p><b>Morning Introduction</b></p> <p><i>Mel Glenn, MD</i></p>  |
| 9:05am to 9:45am   | <p><b>KEYNOTE: What Extremes of Recovery Tell Us about Neurorehabilitation</b></p> <p><i>Ross Zafonte, DO</i></p>   |
| 9:45am to 9:55am   | <p><b>Q&amp;A with Dr. Zafonte</b></p>  |
| 9:55am to 10:00am  | <p><b>Break</b></p>   |
| 10:00am to 10:50am | <p><b>Interactive Breakout Sessions 11A - 11C</b></p> <p><i>Each of these sessions includes 10 minutes of Q&amp;A.</i></p> <p><b>11A Assessment and Treatment of Emotion Dysregulation and Affective Processing after TBI</b></p> |

*Dawn Neumann, PhD*

**11B Wellness Groups for Stroke Survivors**

*Elizabeth Frates, MD*

**11C Assessment and Treatment of Pressure Ulcers after SCI**

*Jennifer Godfrey, RN, CWCN*

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10:50am to 11:05am **Break**

11:05am to 11:55am **Interactive Breakout Sessions 12A - 12C**

*Each of these sessions includes 10 minutes of Q&A.*

**12A Pharmacologic Approaches to Emotional and Behavioral Dyscontrol after TBI**

*Mel Glenn, MD and Hannah Steere, MD*

**12B TMS and tDCS to Facilitate Recovery after Stroke**

*Felipe Fregni, MD, PhD and Leon Morales-Quezada, MD, PhD*

**12C Musculoskeletal Overuse in People with SCI**

*Dana Kotler, MD*

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11:55am to 12:55pm **Break**

12:55pm to 1:45pm **Interactive Breakout Sessions 13A - 13C**

*Each of these sessions includes 10 minutes of Q&A.*

**13A Risk Factors and Clinical Manifestation of Chronic Traumatic Encephalopathy**

*Daniel Daneshvar, MD, PhD*

**13B The Shoulder after Stroke**

*Craig Rovito, MD*

**13C Autonomic Dysfunction after SCI**

*James Doan, MD*

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1:45pm to 1:50pm **Break**

1:50pm to 2:40pm **KEYNOTE: Stem Cell Treatment in CNS Disorders**

*Sean Savitz, MD*

2:40pm to 2:50pm **Q&A with Dr. Savitz**

|                  |  |
|------------------|--|
| 2:50pm to 3:05pm | <b>Break</b>   |
| 3:05pm to 3:35pm | <b>Communication in Serious Illness: Panel Discussion</b><br><i>Mel Glenn, MD, Chloe Slocum, MD, MPH, Dorothy Tolchin, MD, and Michael Young, MD</i> |
| 3:35pm to 4:00pm | <b>Q&amp;A with Drs. Glenn, Slocum, Tolchin, and Young</b>   |
| 4:00pm to 4:05pm | <b>Closing Remarks</b><br><i>Mel Glenn, MD</i>   |