

BREAKOUT SESSIONS AT A GLANCE:

Attendees may select sessions from any of the Six Mini Courses offered below (three on Friday and three on Saturday). Participants will be able to choose to attend the three sessions within a particular mini-course, or select individual sessions from different mini-courses.

A - Mini-Course I: Raising the Bar to Meet Healthcare Reform Healthcare Reform challenges us to focus greater efforts on quality indicator and process improvement initiatives. Creating a culture of positive change starts with the Organizational Leadership and engages the frontline rehabilitation team in: decision making, program development and the implementation of continuous quality improvement. We will share details about our successes so you can better align your rehabilitation practice with the industry demands of value based care and reduced reimbursement.	B - Mini-Course II: Robotics for Remediation The use of Robotics in neurologic rehabilitation is based on the principles of neuroplasticity and the call to provide more repetition of a activity for recovery. This course will explore the current literature about dosing of activity and repetition in rehabilitation, followed by lectures that will focus on the clinical application of upper and lower extremity robots. Patient selection and progression will be reviewed, and insights based on clinical experience will be shared.	C - Mini-Course III: The Role of Visual Feedback in Pain Control and Rehabilitation Emerging research about the neuroanatomy and function of the action observation network and mirror neuron system has given rise to new treatment interventions for people with neurologic injury and chronic pain. This mini-course will focus on the research avenues that examine action prediction and its role in performance. Clinical applications of these principles in mirror therapy for recovery, and in chronic pain and central sensitization will be explored.
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Friday, November 6

1:15 to 2:15 PM – **Session 1** (select one)

- A - Mini Course I: *Process Improvement and Quality Indicators: Preparing for Outcome Based Reimbursement***
- B - Mini Course II: *Dosing in Rehabilitation: What are the Necessary Ingredients?***
- C - Mini course III: *Your Body in My Brain: Mirror Neurons, Action Prediction, and Body Representations in Rehabilitation***

2:15 to 3:15 PM – **Session 2** (select one)

- A - Mini Course I: *Round Table Discussion: The Process of Performance Improvement Related to Quality Measures***
- B - Mini Course II: *Application of Upper Extremity Rehabilitation Using Robotics***
- C - Mini Course III: *Mirror Therapy in Neurorehabilitation***

3:30 to 4:30 PM **Session 3** (select one)

- A - Mini Course I: *Building the Care Continuum: Facilitating Team Communication***
- B - Mini Course II: *Robotic Gait Training in Neurorehabilitation***
- C - Mini Course III: *Chronic Pain and Central Sensitization***

A - Mini-Course IV: Spasticity and Motor Control Upper Motor Neuron Syndrome and muscle over-activity continue to be a problem in clients recovering from neurologic disease and insult. New data will be presented and discussed related to the impact of spasticity on healthcare costs. Presenters will describe the most current information on surgical and non-surgical management of spasticity and on recovery of upper extremity function for the upper motor neuron hand.	B - Mini-Course V: Innovations in Technology for Living The technological advances of recent decades have led to extraordinary improvements in man's ability to interact with his world and each other. Access to personal devices such as smart phones and tablets has dramatically increased the availability of tools for remediation and compensation for a variety of deficits. This mini course will examine the use of personal devices available to the public to support cognition, promote communication and increase mobility.	C - Mini-Course VI: Mild TBIs, Major Consequences Concussion, or mild traumatic brain injury, is a complex pathophysiological process. Clinical management requires consideration of multiple factors that will be explored by both clinicians and researchers in this course. Presenters will discuss the current consensus on concussion assessment and management as well as data on the role of sports in concussion. Treatment interventions for protracted recovery and controversies related to Second Impact Syndrome and Chronic Traumatic Encephalopathy will be explored.
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Saturday, November 6

10:00 to 11:00 AM – **Session 4** (select one)

- A - Mini Course IV: *Let Me Hand it to You: The Upper Motor Neuron Hand***
- B - Mini Course V: *Using Technology to Support Cognition and Emotional Well-Being***
- C - Mini Course VI: *Current Concepts in the Diagnosis and Early Management of Mild TBIs***

11:00 AM to 12:00 PM- **Session 5** (select one)

- A - Mini Course IV: *Economic Impact of Spasticity and Its Treatment***
- B- Mini Course V: *Communication Technology for Individuals with Communication Impairment – Use of Personal Devices***
- C - Mini Course VI: *Similarities and Differences between Sports and Non-Sports Injuries***

12:00 to 1:00 PM- **Session 6** (select one)

- A - Mini Course IV: *The Role of Orthopedic Surgery in Neurologic Populations***
- B- Mini Course V: *Using Bluetooth to Facilitate Single Switch Access in the Tetraplegic Population***
- C - Mini Course VI: *After Concussion: Impact of Multiple Injuries and Long-term Consequences***