



BRAINTREE
REHABILITATION HOSPITAL
FIVE★STAR QUALITY CARE

32nd ANNUAL NEUROREHABILITATION CONFERENCE
NOVEMBER 12-13, 2011

Hyatt Regency Hotel
575 Memorial Drive
Cambridge, MA 02139

OBJECTIVES

At the conclusion of this meeting participants will be able to:

- Describe how neuroscientific investigation is contributing to an understanding of principles of brain network organization of function and recovery of function in neurorehabilitation.
- Discuss findings and implications of the LEAPS trial for recovery of walking after stroke and how it informs our knowledge about rehabilitation interventions in stroke recovery.
- Discuss the role of neuroplasticity and its application in rehabilitation of cognitive and other problems after brain damage.
- Describe assessment and treatment strategies for increased tone and spasticity and for vestibular disorders.
- Identify evidence-informed therapeutic management alternatives for improving upper extremity function.
- Discuss how to develop comparative effectiveness treatment studies in the clinical rehabilitation setting.
- Describe how to assess and treat prospective memory problems after brain injury.
- Discuss the assessment and treatment, including pharmacological treatment, of disorders of consciousness after severe brain injury.
- Delineate the nature of theories of mind disorders and their remediation after brain damage.
- Discuss treatment approaches to behavioral disorders after acquired brain injury.
- Discuss neurological assessment in rehabilitation settings, for nursing and other clinicians, before and after neurological events, such as seizures,.
- Discuss neuroplasticity as it relates to the treatment of swallowing problems after brain injury and stroke.
- Describe the neurologic basis of spatial neglect and strategies for intervention.
- Discuss the translation of neuroscientific research on brain recovery and treatment to clinical practice in rehabilitation.
- Discuss the definition, epidemiology, assessment and treatment of patients with mild traumatic brain injury.
- Discuss the use of restraints in the rehabilitation setting.
- Discuss the problem of brain injury in sports and the implications for prevention, return to play and chronic cognitive dysfunction.