

EDUCATIONAL OFFERINGS



BRAINTREE
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NEW ENGLAND
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To schedule one of these presentations,
please contact your Liaison or call Ellen Spiegel at 781-348-3827

Pharmacologic Treatment of Cognition and Behavior after TBI

Objectives:

- ◆ Describe the natural history of recovery of brain injury in terms of the typical stages of recovery and their principle cognitive and behavioral disturbances.
- ◆ Appreciate the effects of TBI on difference neurotransmitter systems, the associated cognitive deficits and potential for treatment with pharmacologic agents
- ◆ Understand evidence of beneficial and detrimental effects of some agents on recovery and cognitive functioning based on experimental animal evidence
- ◆ Describe the research evidence that supports use of specific medications to improve function in conscious awareness, attention, memory, executive functions and other cognitive problems after TBI
- ◆ Describe strategies for assessing and managing behavioral disturbances with pharmacologic and non pharmacologic strategies at different stages of recovery after TBI.
- ◆ Describe evidence that supports the use of pharmacologic treatment of aggressive behavioral dysfunction after TBI

Recovery of Consciousness After Severe TBI

Objectives:

- ◆ To have an understanding of the stages of recovery after TBI, particularly evaluation and treatment of patients in vegetative (VS), minimally conscious (MCS) states
- ◆ Demonstrate knowledge of findings in a retrospective review supporting efficacy of acute rehab for treatment of patients in VS, MCS

A Program Model for (Slow to Recover, Confusional, Post-confusional) Traumatic Brain Injury

Objectives:

- ◆ Will demonstrate awareness of the behavioral indicators associated with each stage of recovery
- ◆ Demonstrate knowledge of clinically appropriate tools to track progression
- ◆ Demonstrate knowledge of evidence-based treatment interventions

Amantadine Study

Objectives:

- ◆ Demonstrate awareness of a multi-center randomized controlled research study on Amantadine Hydrochloride in recovery of patients with severe TBI

Case Study Presentation of Progression Through Stages of Brain Injury Recovery

Objectives:

- ◆ Overview of key elements of TBI program, including causes of TBI, the rehab process and available community resources
- ◆ Will demonstrate awareness of the behavioral indicators associated with each stage of recovery
- ◆ Demonstrate knowledge of clinically appropriate tools to track progression
- ◆ Demonstrate knowledge of evidence-based treatment interventions

Management of the Confusional Patient

Objectives:

- ◆ Identify typical behaviors associated with the confusional state
- ◆ Demonstrate the ability to objectively track progression through the confusional state
- ◆ Will demonstrate knowledge of 3 programmatic interventions applicable in the management of the confused patients

To Mitt or Not to Mitt: Upper Extremity Return of Function

Objectives:

- ◆ What is constraint induced movement therapy (CIMT)
- ◆ Who can benefit from CIMT
- ◆ What is the inclusion/exclusion criteria to participate
- ◆ Brief case study

Aggression Management Training

Objectives:

- ◆ Describes the four stages of crises development in patients and staff strategies to prevent escalation in patient behavior
- ◆ Illustrates how verbal and non-verbal communication by staff may escalate a patient crisis
- ◆ Basic clinician self-defense techniques are presented

Early Predictors of Stroke Outcome and Stroke Rehabilitation

Objectives:

- ◆ Identify medical issues related to stroke
- ◆ Define and understand functional impairments related to stroke.
- ◆ Understand what indicators or measures may assist in predicting long term outcomes for stroke survivor
- ◆ Identify how these predictors can assist in identifying appropriate post-acute rehab settings & treatment planning

Wellness After Stroke

Objectives:

- ◆ Learn about community program designed for stroke survivors to learn self management's skill and participate in the following: exercise for strength and cardiovascular health, balance training, functional mobility training for home and community, communication skills training and education for lifestyle changes.

Why choose Acute Rehab for your Stroke Patients?

Objectives:

- ◆ Illustrate the benefits of acute rehab hospital level of care and outpatient rehab on favorable patient outcomes

Spasticity Management: Practical Approach to Clinical Challenges

Objectives:

- ◆ Describe basic pathophysiology of spasticity
- ◆ Recognize common clinical patterns of spasticity
- ◆ Identify criteria for treatment
- ◆ Identify treatment options, distinguishing between focal & global treatments
- ◆ Identify relative risks and benefits of the different treatment options

Rehabilitation Robotics: Overview of the Technology and Clinical Results

Objectives:

- ◆ Identify existing rehabilitation robots for upper and lower extremities, and its potential.
- ◆ Discuss design choices among rehabilitation robotics and the potential of rehabilitation robotics as an evaluation tool.
- ◆ Discuss key clinical results on the use of therapeutic robotics for stroke, CP, SCI, MS rehabilitation
- ◆ Describe newer areas of further research to determine how best to tailor robotic therapy to meet each individual patient's needs.

Neurobehavioral Program Description

Objectives:

- ◆ Demonstrate awareness of factors influencing safety, common treatment interventions for management of patients with impaired safety
- ◆ Demonstrate awareness of the benefits of a programmatic approach to management of the neurobehavioral patient

Therapeutic Recreation Program

Objectives:

- ◆ Demonstrate knowledge of the role of therapeutic recreation in the inpatient neurorehabilitation setting
- ◆ Demonstrate knowledge of TR assessment tools and treatment interventions appropriate in an inpatient rehabilitation setting

Multidisciplinary Rehabilitation to Improve the Quality of Life and Day-to-Day Function in People with Parkinson's Disease

Objectives:

- ◆ Discuss the evidence supporting multidisciplinary rehabilitation for people with PD in both the inpatient and outpatient settings
- ◆ Discuss the evidence based guidelines for the rehabilitation of people with PD.
- ◆ Determine the critical components of rehabilitation for people with PD and apply these in clinical practice

Movement Disorders

Objectives:

- ◆ Overview of the key components to a Movement Disorders Rehabilitation Program.
- ◆ Discussion on various movement disorders as well as discussing how the patients can benefit from acute rehabilitation

Benign Paroxysmal Positional Vertigo: Examination, Evaluation & Treatment

Objectives:

- ◆ Attendee will identify and define anatomy of vestibular system
- ◆ Attendee will define and understand basic physiology of vestibular system.
- ◆ Attendee will understand the pathophysiology of BPPV
- ◆ Attendee will identify and understand various testing and treatment options for patients with BPPV

Management & Diagnosis of Vestibular Disorders

Objectives:

- ◆ What is a Balance Disorder
- ◆ How does the balance system work
- ◆ What are the symptoms and cause of balance disorders
- ◆ What are some types
- ◆ How are balance disorders diagnosed and treated

The Treatment and Rehabilitation of the Amputee

Objectives:

- ◆ Identify the impact of amputation on patient and caregivers
- ◆ Define and understand basic time frame related to properly fitting and delivering a prosthesis
- ◆ Identify and understand various prosthesis options for patients with amputee
- ◆ Demonstrate understanding of the rehabilitation process, including the importance of interdisciplinary team communication

Prosthetic Solutions

Objectives:

- ◆ What should a patient expect with a new amputation?
- ◆ Ways to don a shrinker; Ace Wrap techniques, Shrinker donning tool
- ◆ Problematic Shapes, IPOP stump protector
- ◆ Logical determination of "K-Level" (functional level) and potential as an ambulatory
- ◆ Prosthetic components and Rational for choosing them
- ◆ High Tech components and where the future will lead us
- ◆ Cosmetic covers and technology

Orthotic Solutions

Objectives:

- ◆ AFO designs and componentry
- ◆ Pathomechanics of the foot and resulting gait
- ◆ KAFO designs and when we choose KAFO over AFO
- ◆ Recipicating gait orthosis (RGO) for paraplegia
- ◆ Spinal orthotics and diagnoses

Upper Extremity Prosthetics

Objectives:

- ◆ Conventional UE prosthetics
- ◆ Myoelectric prosthetics
- ◆ Using a myotester and patient training techniques in myoelectric prosthetics
- ◆ Bionic prosthetics and using the I-Limb

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Getting to the Heart of It – Cardiac Rehab in the Acute Rehab Setting

Objectives:

- ◆ The interim step between acute care and home with outpatient cardiac rehab, the facility addresses the medical, functional and psychosocial needs of patients with cardiac dysfunction, assuring a successful home discharge.
- ◆ Addresses the cardiac needs of the ever increasing numbers of rehabilitation patients that have secondary cardiac co-morbidities that are hindered in their progress due to the cardiac issues.
- ◆ Will outline the program components, as well as the goals and philosophy of the program

Orthopedic Rehabilitation – Hip Fracture

Objectives:

- ◆ Review the impact of Hip Fractures
- ◆ Review the literature regarding post-acute rehabilitation settings and orthopedics
- ◆ To evaluate whether functional outcomes differ between hip fracture survivors undergoing rehab in inpatient rehab facilities (IRFs) and skilled nursing facilities (SNFs)
- ◆ To determine whether outcomes differ between patients with single knee or hip joint replacement surgery undergoing rehabilitation in an IRF versus SNF

Level of Care – To Be or Not to Be

Objectives:

- ◆ This review includes requirements for admissions as well as examples of appropriate patients
- ◆ Gain an understanding of the differences between post-acute rehab providers
- ◆ An overview of patient selection criteria for admission to an Inpatient Rehabilitation Facility (IRF)

Efficacy & Clinical Application of one of the following technologies

Objectives:

An overview of the following rehabilitation technologies can be provided and/or a one hour presentation dedicated to each technology can occur allowing for more focus and discussion of the equipment as well as a literature review and evidence of its efficacy.

- ◆ Body Weight-Supported Treadmill Training –with and without robotics
 - LiteGait
 - AutoAmbulator
- ◆ Functional Electrical Stimulation
 - Bioness H200
 - Bioness L300
 - RT 300 (FES bike)
- ◆ Therapy Robots
 - Myomo e100
 - In Motion Robots

Aquatic Therapy

Objectives:

- ◆ Overview of the benefits of aquatic therapy
- ◆ Contradictions of participating in aquatic exercise
- ◆ Treatment approached for varying impairments such as orthopedic injury versus a neurological injury
- ◆ Understanding reimbursement for this treatment modality

Applying Massachusetts Driving Regulations to at Risk Elders and After a Medical Event

Objectives:

- ◆ Review of current RMV reporting and medical clearance procedures following a medical event
- ◆ Options are clarified for physicians, therapists and families when there is a concern about driving
- ◆ Patient selection criteria are reviewed
- ◆ Selecting a driving evaluation program

Home Modifications, Considerations for Discharge

Objectives:

- ◆ Participants will gain knowledge of the key elements to consider for safe and successful discharge to the home setting. This program is intended for all clinicians involved in the rehabilitation process

Community Re-Entry: Outpatient Neuro Rehab Services

Objectives:

- ◆ Overview of comprehensive community-based treatment program for the traumatic and acquired brain injury
- ◆ Gain a better understanding of the multidisciplinary approach to treatment in order to maximize the individuals re-integration into the community

Understanding Post-Acute Levels of Care One Case at a Time

Objectives:

- ◆ Gain a better understanding of the application of selection criteria for post acute rehabilitation through a presentation and discussion of case studies

Wheelchair Options

Objectives:

- ◆ Overview of comprehensive approach to seating/positioning solutions

Multiple Sclerosis

Objectives:

- ◆ Overview of the disease process and types of MS
- ◆ The disease impact on a patient's functional performance
- ◆ Treatment approaches
- ◆ Benefits of acute rehabilitation

Spinal Cord Injuries: A review for Case Managers

Objectives:

- ◆ A brief introduction to spinal cord injuries
- ◆ Reviews the strategies needed to effectively navigate the challenges patients face during inpatient rehabilitation

Shoulder Pain of Hemiplegia

Objectives:

- ◆ Spasticity Management
- ◆ Ultra Sound
- ◆ Orthopedics

Neuroplasticity

Objectives:

- ◆ To recognize the change of philosophy that has taken place in the field of neuro-recovery over the last two decades.
- ◆ To identify the key components required to maximize functional recovery.

Documentation Considerations When Referring to Inpatient Acute Rehabilitation

Objectives:

- ◆ Ability to differentiate among post acute rehab providers
- ◆ Appreciate the details related to function and need to document them
- ◆ Demonstrate knowledge of importance of how nursing and therapy documentation can work together to justify admission to acute rehab

Overview of COPD

Objectives:

- ◆ Anatomy/Physiology of the respiratory system
- ◆ Coping strategies with COPD
- ◆ Energy Conservation
- ◆ Breathing techniques
- ◆ Exercise with COPD
- ◆ Safety with supplemental oxygen use at home
- ◆ Relaxation techniques
- ◆ Helpful hints

CONTINUING EDUCATION PRESENTATIONS

We are pleased to offer, in collaboration with Senior Resource Center, Inc., the complimentary CEU presentations listed below to professional staff at your facility or agency.

CREDITS: 1.0 Contact Hours for Nurses (Massachusetts/New Hampshire); 1.0 Contact Hours for Social Workers; 1.0 CCM for Case Manager Certification.

Long Term Planning Solutions: Advocating for your Elder Clients *

This presentation includes: What happens when Medicare coverage ends and long term care is indicated? Who qualifies for Medicaid right away and who must "spend down"? What is the difference between Long Term Care and Community Medicaid Qualifications? What new programs are available to provide services that help keep people in the community? What are the important legal issues to address regarding long term care?

Guardianship: A guide to Health Care Professionals: New Uniform Probate Code-Update!

This presentation includes: Patient Rights, Legal Capacity, Healthcare Proxy/Durable Power of Attorney, Conservatorship, Guardianship (Temporary, Permanent and Roger's Guardianship).

Understanding Medical and Legal Documents

Health Care Proxy, Durable Powers of Attorney, Living Wills, Guardianship, Conservatorship

Veterans Aid and Attendance Pension Benefits

This presentation includes: What is the benefit? How to access benefits? Eligibility guidelines.

Risk and Liabilities Facing the Case Manager

This presentation includes: HIPAA, EMTALA, Elements of Malpractice, Elder Abuse, Board of Nursing, Medical/Legal Documentation and Strategies to Protect Against Lawsuits