



TOURO COLLEGE SCHOOL OF HEALTH SCIENCES

CAVEATS IN BRAIN INJURY MEDICINE

Explore the latest information regarding Traumatic Brain Injury Prognosis, Sensory Disorders, Psychopharmacology and Post Traumatic Headache Assessment strategies

Seven (7) Category 1-A AOA CME Credits (Pending Approval)

Seven (7) AMA PRA Category 1 Credits (Pending Approval)

Seven (7) NCCPA Category 1 Credits (Pending Approval)

Lander College for Women of Touro College

227 West 60th Street, New York, NY 10023

Sunday, October 26th, 2014

8:30AM-4:00PM

New York, NY



Nathan D. Zasler, M.D., FAAPM&R, FAADEP, DAAPM, CBIST

In the United States, more than 5.3 million people are living with a lifelong disability as a result of traumatic brain injury (TBI). TBI is a more prevalent problem than Breast Cancer, HIV/AIDS, Multiple Sclerosis and Spinal Cord injuries combined.

Proper communication of prognostic information is invaluable. Not only does this communication help patients and their families to navigate treatment, it also helps supplementary healthcare providers and healthcare payers to better understand the patient condition and next steps in patient care. That said, the ability to spot impairments of the special sensory systems (vision, hearing, smell, taste and postural stability), in addition to neurobehavioral impairments (personality changes, cognitive deficits, executive function ability) is imperative.

Join internationally recognized brain injury specialist, Dr. Nathan D. Zasler, M.D., FAAPM&R, FAADEP, DAAPM, CBIST as he offers the latest information on Traumatic Brain Injury Prognosis, Sensory Disorders, Psychopharmacology and Post Traumatic Headache Assessment strategies during this one day course.

For registration information contact: Remi Odunsi, Director Continuing Medical Education
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Event Statement:

Currently, more than 5.3 million children and adults in the U.S. live with a lifelong disability as a result of Traumatic Brain Injury (TBI). TBI is a more prevalent problem than breast cancer, HIV/AIDS, MS, and spinal cord injuries combined.

Prognostication of recovery after TBI is complex and requires the clinician to synthesize scientific, evidence based research findings with clinical acumen. Informed prognostication must incorporate pre-injury, injury, and post-injury information. Proper communication of prognostic information is also key to the patient, family members, and payers, as well as to other healthcare professionals understanding the patient's condition and the next steps in their care. Practical and evidence based medicine information on prognostication will be reviewed and recommendations for effective communication of prognosis to patient and family will be addressed.

Among the many factors which may impede the recovery process and contribute to disability are impairments of special sensory systems, i.e., vision, hearing, smell, taste, and postural stability. All of the aforementioned are often seen in persons after TBI. A review of post-traumatic sensory impairments relative to type, etiology, assessment and treatment will be provided. Impairments to be discussed will include dizziness, postural instability, hearing loss, tinnitus, hyperacusis, visual disturbances, as well as impairments of smell and taste.

Neurobehavioral impairment is one of the most disabling classes of brain injury sequelae. These behavioral impairments include personality changes, cognitive deficits, emotional dysregulation, and abnormalities in executive functions, motivation, and behavioral disinhibition. Strategies for psychopharmacologic management of these conditions will be addressed. Caveats and considerations for drug treatment in this patient population will also be reviewed.

Practical aspects of both history taking and clinical examination techniques will be reviewed and demonstrated with two volunteer patients who suffer from intractable and treatment-resistant, post traumatic headaches. Details of the neuromusculoskeletal examination of patients after TBI will be discussed, and demonstrated through both lecture and hands-on opportunities.

Prognostication After TBI lecture will review the current data on prognosticating outcome following prognostication occurs in clinical practice versus how such prognostication should occur on a scientific basis. pre-injury, injury and post-injury limitations of TBI outcome prognostication will also be addressed in the context of making clinical treatment recommendations.

Post-Traumatic Sensory Disorders lecture will review the array of sensory disorders that may be seen following traumatic brain injury, their causes and resultant impairments, assessment strategies, as well as treatment options.

Psychopharmacology for Neurobehavioral Dysfunction after TBI will examine current practices, research and advances in the use of psychopharmacological agents to modulate neurobehavioral impairment in persons following TBI.

Post-Traumatic Headache Assessment Strategies: Practical Aspects of History-Taking and Physical assessment will provide an overview of how to take a PTHA history and how to do the "hands-on" physical and neurological assessment of patients with PTHA.



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Target Audience:

Physicians and health care professionals involved with persons with traumatic brain injury: including: Physical Medicine and Rehabilitation, Neurorehabilitation, Neurology, Psychiatry, Occupational Medicine, Military Medicine, Sports Medicine, neuropsychologists, psychologists, nurses, therapists, persons with brain injury, family members, and other interested parties.

Agenda:

Clinical Caveats in Brain Injury Medicine

Check-In

8:00am-8:30am

Introduction

8:30am-8:00am

Prognostication After TBI: What Do We Really Know?

9:00am – 10:00am

Post-Traumatic Sensory Disorders: What Every Clinician Should Know

10:15am – 11:15am

Psychopharmacology for Neurobehavioral Dysfunction After TBI

11:30am – 1:00pm

Lunch

1:00pm – 2:00pm

Post-Traumatic Headache Assessment Strategies: Practical Aspects of History-Taking and Physical assessment

(Lecture and Clinical Examination Demonstration: Two Volunteer Patients)

2:00 pm – 3:30pm

Open Question & Answer

3:30pm – 4:00pm

Registration Information

MD, DO, PhD, PA, NP, PT, OT, SLP, JD Professionals - \$75

Residents, Interns, Graduate Students - \$25

Touro Alumni – No Charge

CME Certificate Fee - \$15

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