

**Scientific Program**

**Clinical Advances in Neurology and Neuroscience**

**42nd Annual Meeting  
Southern Clinical Neurological Society**

**Naples Grande Beach Resort  
Naples, Florida  
January 17th-22th, 2015**

**Program Chairs:  
Howard Kirshner, M.D.  
Bassel Abou-Khalil, M.D.**

**Saturday, January 17, 2015**

**1:00- 5:00 PM Non-SCNS CME Activity- Seizure Management- Quality Care  
for Your Patients (Faculty: John Pellock, Joseph Sirven, Michael Sperling)**

**7:00-9:30 PM Welcome reception- pool area**

**Sunday, January 18, 2015**

**Epilepsy**

Moderators: Eugene Ramsay, M.D. and Bassel Abou-Khalil, M.D.

**8:00-8:05 AM Welcome and Introduction**  
Eugene Ramsay, M.D. and Bassel Abou-Khalil, M.D.

**8:05-8:35 AM Seizures in older adults**  
- Joseph Sirven, M.D.

***Learning objectives:***

- *To list the differences in the manner in which seizures present in the older adult as compared to younger adults.*
- *To propose an algorithm on how older patients should be diagnosed.*
- *To outline the unique treatment issues associated in choosing medications for older adults.*

**8:35-9:05 AM First seizures in kids--afebrile and febrile**  
- John Pellock, M.D.

***Learning objectives:***

- *Demonstrate proper evaluation for different types of seizures in a child.*
- *Understand the treatment options for first seizures in children*
- *Review prognosis for different seizure types in a child*

**9:05-9:35 AM      New Developments in Epilepsy Surgery**

- Michael Sperling, M.D.

***Learning objectives:***

- *Learn about use of thermal ablation to treat refractory epilepsy.*
- *Learn about responsive neurostimulation to treat refractory epilepsy*
- *Learn how to identify candidates for thermal ablation and responsive neurostimulation*

**9:35-10:05 AM      Seizures in Alzheimer's Disease**

- Patrick Griffith, M.D.

***Learning objectives:***

- *Learn how common seizures are in patients with Alzheimer's Disease (AD), who gets seizures, and when do seizures tend to occur.*
- *Review what types of seizures occur in patients with AD.*
- *Discuss which drugs have been used to treat seizures in AD.*

**10:05-10:20 AM      Questions and Answers**

**10:20-10:35 AM      Coffee Break**

**10:35-11:05 AM      Epilepsies: Classification, Genetics and Genetic Testing**

- Robert Macdonald, M.D., Ph.D.

***Learning objectives:***

- *Become familiar with classification of epilepsies*
- *Become familiar with genetic epilepsies*
- *Become familiar with genetic testing for epilepsies.*

**11:05-11:35 AM      News you can use in epilepsy- 2015**

- Greg Bergey, M.D.

***Learning objectives:***

- *Review new developments in the diagnosis of epilepsy*
- *Review editorials and critiques of hot epilepsy topics published in 2014*
- *Discuss some controversial issues in the treatment of epilepsy*

**11:35 AM- 12:05 PM      Update on treatment of status epilepticus**

- Eugene Ramsay, M.D.

***Learning objectives:***

- *Review differences between SE with acute neurological insults vs patients with chronic epilepsy*
- *Outline changes in treatment up to present time and new treatment recommendations*
- *Present new data on risk factor for acute NCSE*

**12:05-12:20 PM**      **Questions and Answers**

**12:20-5:00 PM**      **Free Time**

**5:00-6:30 PM**      **Meet the Professor:**  
- Richard Mattson, M.D.

**6:30PM-**              **Dinner on your own**

**Monday January 19, 2015**

**Stroke**

Moderators: Howard Kirshner, M.D., and Philip Gorelick, M.D.

**8:00-8:35 AM Update on Stroke Prevention**

- Phil Gorelick, M.D.

***Learning objectives:***

- *review guidelines for stroke prevention and management*
- *discuss changes in management*
- *provide suggestions as to practical applications of the guidelines in stroke care*

**8:35-9:10 AM Embolic stroke**

- Howard Kirshner, M.D.

***Learning objectives:***

- *Review the causes of embolic stroke*
- *Review the distribution of embolic stroke*
- *Review the treatment of embolic stroke*

**9:10-9:45 AM Pharmacogenomics: a practicum for clinicians**

- Hisham Baalbaki, M.D.

***Learning objectives:***

- *Learn how pharmacogenomics can help in the selection of the most effective drugs*
- *Learn how pharmacogenomics can aid in drug dosing and help minimize drug toxicity*
- *Learn how pharmacogenomics can help evaluate interactions among drugs*

**9:45-10:00 AM Questions and Answers**

**10:00-10:15 AM Coffee Break**

**10:15-10:50 AM CREST-2 and the management of asymptomatic carotid stenosis**

- James Meschia, M.D.

***Learning objectives:***

- *Review past studies of asymptomatic carotid stenosis*

- *Discuss current recommendations for management of asymptomatic carotid stenosis*
- *Discuss CREST-2 study*

**10:50 -11:25 PM Amyloid angiopathy**

- Howard Kirshner, M.D.

***Learning objectives:***

- *Review the key features of amyloid angiopathy*
- *Discuss rare cases of amyloid angiopathy with inflammation*
- *Discuss management of amyloid angiopathy*

**11:25 -12:00 PM Management of Blood Pressure Across the Continuum of Stroke**

- Phil Gorelick, M.D.

***Learning objectives:***

- *AHA/ASA Guidelines for BP management*
- *New data that may influence future guidelines*
- *Management of BP in relation to ischemic & hemorrhagic stroke*

**12:00-12:15 PM Questions and Answers**

**12:15-5:00 PM Free Time**

**5:00-6:30 PM Meet the Professor: Phil Gorelick, M.D.**

**6:30-7:00 PM Drinks and poster presentation**

**7:00-10:00 PM Banquet Dinner- Ballroom**

**Tuesday January 20, 2015**

**Dementia and Movement Disorders**

Moderators: Patrick Griffith, M.D. and Howard Kirshner, MD

**8:00-8:40 AM Frontal Lobe Syndromes and Executive Function**

- Kimford Meador, M.D.

***Learning objectives:***

- *Understand how our concepts of frontal lobe functions developed.*
- *Understand the various types of frontal lobe syndromes.*
- *Understand how to assess the patient to disclose frontal lobe deficits.*

**8:40-9:10 AM Concussion in children**

- Richard Andrews, M.D.

***Learning Objectives:***

- *Review the pathophysiology of concussion in children*
- *Discuss the diagnosis and grading of concussion*
- *Review management of concussion in children*

**9:10-9:40 AM Neurology of sepsis**

- Karl Misulis, M.D., Ph.D.

***Learning Objectives:***

- *Identify the early signs of sepsis.*
- *Diagnose neurologic complications efficiently.*
- *Improve outcomes of patients with sepsis and neurologic complications.*

**9:40- 10:15 AM Effect of comorbidity on treatment of neurological disease**

- Andres Kanner, M.D.

***Learning Objectives:***

- *Become aware of the bidirectional relation between psychiatric disorder and neurological disease.*
- *Learn about the negative impact that depression and anxiety have on the course and response to treatment of neurological disorders.*
- *Become aware of the common pathogenic mechanisms operant in depression and certain neurologic disorders.*

**10:15- 10:30 AM      Questions and Answers**

**10:30-10:45 AM      Coffee Break**

**10:45-11:15 AM      “New” Treatments on the Horizon for Parkinson’s Disease**

- David Charles, M.D.

***Learning Objectives:***

- *To better understand the impact of continuous delivery of medications in the treatment of Parkinson’s disease.*
- *To better understand how the continuous delivery of therapy may impact symptoms differently than intermittent dosing.*
- *To better understand at what disease stage should a continuous therapy be considered.*

**11:15-11:45 AM      The prion theory of neurodegeneration: it’s catching...**

- David Houghton, M.D.

***Learning Objectives:***

- *Describe the progression of prion disease in humans*
- *Compare and contrast the prion theory to established neurodegenerative proteinopathies*
- *Apply the prion theory in consideration of poorly understood progressive neurological conditions*

**11:45 AM-12:15 PM   Cognitive aspects of early Parkinson’s disease**

- Daniel Claassen, M.D.

***Learning Objectives:***

- *Distinguish early from mild cognitive changes in PD*
- *Discuss associated clinical features predictive of CI in PD*
- *Review current pathophysiologic mechanism for CI in PD*

**12:15- 12:30 PM      Questions and Answers**

**12:30- 5:00 PM      Free Time**

**5:00-6:30 PM      Meet the Professor: Kim Meador**

**6:30PM-              Dinner on your own**

***Extra-SCNS headache program***

***1-7 PM                      Injection Training for Headache Therapy***

- 1. Chronic Migraine and other Headache Treatable with Injection Therapy - Dr. Alan Rapoport***
- 2. Injection Techniques - Dr. Mo Levin***
- 3. OnabotulinumtoxinA for Chronic Migraine - Dr. Rob Cowan***
- 4. OnabotulinumtoxinA Injection Techniques for Chronic Migraine***
- 5. Hands on Training for Various Injections for Headache - All Doctors***



Wednesday January 21, 2015

## Headache and Sleep

Moderator: Alan Rapoport, M.D.

### 8:00-8:45 AM The Headache Pipeline

- Alan Rapoport, M.D.

#### *Learning Objectives:*

- Describe the mechanisms of migraine which can lead to developing new therapies
- Recite some new routes of administration that can bypass the GI tract when treating migraine
- List 3 new medications and stimulation devices for treating migraine and cluster headache

### 8:45-9:30 AM Outpatient Management of Intractable Headache

- Robert Cowan, M.D.

#### *Learning Objectives:*

- Recognize the essential elements of an appropriate work-up for the patient with Intractable headache
- Manage expectations in patients with chronic, intractable headache.
- Develop treatment plans for patients with intractable headache.

### 9:30-10:15 AM Sleep Physiology: Treatment and Historical Approach

- Brian Smith, M.D.

#### *Learning Objectives:*

- Understand the historical concepts that have led to an understanding of sleep anatomy and physiology
- Review the basic circuits that control sleep and wakefulness
- Understand how medications influence sleep physiology

### 10:15-10:30 AM Questions and Answers

### 10:30-10:45 AM Coffee Break

### 10:45-11:30 AM Inpatient Treatment of Intractable Headache

- Morris Levin, M.D.

#### *Learning Objectives:*

- Discuss the reasons for inpatient treatment for intractable headaches

- *Review inpatient infusion therapies for intractable headaches*
- *Discuss approaches to cessation from medication overuse in the inpatient setting*

**11:30 AM - 12:00 PM      Meniere's Disease**

-      Tom Kennedy, M.D.

***Learning Objectives:***

- *Review the clinical presentation of Ménière's disease*
- *Discuss medical treatment of Ménière's disease*
- *Review surgical approaches to Ménière's disease*

**12:00 to 12:15 PM      Questions and Answers**

**12:15-5:00 PM      Free Time**

**5:00-6:30 PM      Meet the Professor: Barry Arnason, M.D.**

**6:30PM-      Dinner on your own**

**Thursday January 22, 2015**

**Neuroimmunology and Neuromuscular Disorders**

Moderators: Barry Arnason, M.D. and Howard Kirshner, M.D.

**8:00-8:45 AM MS wannabes and radiologically isolated syndromes**

- Barry Arnason, M.D.

***Learning Objectives:***

- *Distinguish MS mimics from MS*
- *Learn how to manage patients with MS mimics*
- *Discuss management of radiologically isolated syndromes*

**8:45-9:30 AM Motor Neuron Disease Variants and Mimics**

- Bassam Bassam, M.D.

***Learning Objectives:***

- *Learn the criteria for Motor Neuron Disease (MND) diagnosis.*
- *Be aware of variable presentations of MND subtypes.*
- *Recognize the clinical spectrum and characteristic features that differentiate MND mimics from MND*

**9:30-9:45 AM Questions and Answers**

**9:45-10:00 AM Coffee Break**

**10:00-10:45 AM Friedrich's ataxia**

- HS Subramony, M.D.

***Learning Objectives:***

- *Appreciate the phenotypic variability in FA*
- *Learn the molecular genetic basis of FA*
- *Learn how this has rapidly led to meaningful clinical trials*

**10:45-11:30 AM New oral Drugs for MS**

- L. Elizabeth Minto, M.D.

***Learning Objectives:***

- *Review the currently available oral medications approved for the treatment of MS.*

- *Address the role that these oral agents play and compare/contrast their utility to the injectable medications currently used for MS.*
- *Discuss advantages/disadvantages of the oral MS drugs, and review case studies germane to each drug.*

**11:30 AM-11:45 AM Questions and Answers.**

**See you in Palm Beach Marriott Singer Island Beach Resort,  
January 2016**