

Scientific Program

Clinical Advances in Neurology and Neuroscience

41th Annual Meeting

Southern Clinical Neurological Society

Palm Beach Marriott Singer Island Beach Resort & Spa

Riviera Beach, Florida

January 18th-23th, 2014

Program Chair:

Bassel Abou-Khalil, M.D.

Saturday, January 18, 2014

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

Sunday, January 19, 2014

Epilepsy

Moderators: Bassel Abou-Khalil, M.D. and Basim Uthman, M.D.

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

8:05-8:35 AM Pediatric Epilepsy; what's new?
- Jack Pellock, M.D.

Learning objectives:

- *Review developments in pediatric epilepsy diagnosis.*
- *Review developments in pediatric epilepsy management.*
- *Discuss promising ongoing research in pediatric epilepsy.*

8:35-9:05 AM News you can use in epilepsy- 2014
- Greg Bergey, M.D.

Learning objectives:

- *Review new developments in the diagnosis of epilepsy*
- *Review editorials and critiques of hot epilepsy topics published in 2013*
- *Discuss some controversial issues in the treatment of epilepsy*

9:05-9:35 AM Autoimmune epilepsies

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

Learning objectives:

- *Review epilepsy conditions believed to be autoimmune in origin*
- *Review pathophysiology of autoimmune epilepsies*
- *Review evaluation and management of autoimmune epilepsies*

9:35-10:05 AM Newest and Imminent Antiepileptic Drugs

- Richard Mattson, M.D.

Learning objectives:

- *Review the clinical pharmacology of the newest and imminent AEDs (eslicarbazepine, lacosamide, clobazam, ezogabine, perampanel)*
- *Review the place of the newest and imminent AEDs in the treatment of epilepsy*
- *Review the mode of use of the newest and imminent AEDs*

10:05-10:20 AM Questions and Answers

10:20-10:35 AM Coffee Break

10:35-11:05 AM Treating status epilepticus in the ICU- Thinking outside the box

- Eugene Ramsay, M.D.

Learning objectives:

- *Define the scope of status epilepticus in the ICU*
- *Outline the pathophysiology of acute versus chronic status epilepticus in the ICU*
- *Discuss results of different treatment options for status epilepticus in the ICU*

11:05-11:35 AM The impact of psychiatric comorbidities on the response of seizure disorders to treatment

- Andres Kanner, M.D.

Learning objectives:

Monday January 20, 2014

Stroke

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

8:00-8:40 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*

8:40-9:20 AM Acute Stroke Treatment

- Howard Kirshner, M.D.

Learning objectives:

- *Review the evidence for efficacy of acute stroke treatment*
- *Learn when should interventional treatment be considered*
- *Discuss patients in whom intervention will likely be futile, even within a 6 or 8 hour time window*

9:20-10:00 AM New paradigm linking cardiovascular and non cardiovascular disorders- From bench to bedside

- Hisham Baalbaki, M.D.

Learning objectives:

- *Establish association between cardiovascular (CV) and non CV diseases*
- *Review pathophysiologic mechanisms underlying the above association*
- *Discuss clinical/practice implications*

10:00-10:15 AM Questions and Answers

10:15-10:30 AM Coffee Break

10:30-11:00 AM Post-stroke seizures

- Basim Uthman, M.D.

Learning objectives:

- *Review risk factors for seizures and epilepsy after stroke*
- *Discuss utility of EEG in post-stroke seizures*

- *Discuss antiepileptic drug treatment of post-stroke seizures*

11:00-11:40 AM Reversible cerebral vasoconstriction syndrome (RCVS)

- Howard Kirshner, M.D.

Learning objectives:

- *Review the key features of RCVS*
- *Review how RCVS can be treated*
- *Review previously named conditions that are likely within the spectrum of RCVS*

11:40 AM-12:20 PM Vascular Cognitive Impairment: New Insights

- Phil Gorelick, M.D.

Learning objectives:

- *Review new findings on the pathogenesis of vascular cognitive impairment*
- *Review diagnostic criteria for vascular cognitive impairment*
- *Discuss management of vascular cognitive impairment*

12:20-12:35 PM Questions and Answers

12:35-5:00 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 21, 2014

Dementia and Movement Disorders

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

8:00-8:45 AM Prion diseases

- Michael Geschwind, M.D., Ph.D.

Learning objectives:

- *Review prion disease and their key clinical features*
- *Review the diagnostic evaluation of CJD*
- *Discuss current management and recent trials for CJD*

8:45-9:15 AM Concussion in the military

- Patrick Griffith, M.D.

Learning Objectives:

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

9:15-9:45 AM Concussion in athletes

- Paul Bertrand, M.D.

Learning Objectives:

- *Review the pathophysiology of concussion in athletes*
- *Discuss the diagnosis and management of concussion in athletes*
- *Review guidelines of AAN and 2012 Zurich international convention of concussion in sports*

9:45- 10:00 AM Questions and Answers

10:00-10:15 AM Coffee Break

10:15-10:45 AM DBS for earlier stage Parkinson's Disease (PD)

- David Charles, M.D.

Learning Objectives:

- *Discuss new data on results of deep brain stimulation for early Parkinson's Disease (PD)*

- *Review management of early PD in view of new research findings*
- *Review the place of deep brain stimulation in PD therapy algorithm*

10:45-11:30 AM Treatable dementia

- Michael Geschwind, M.D., Ph.D.

Learning Objectives:

- *Review treatable dementias and their clinical features*
- *Discuss diagnostic evaluation for identification of treatable dementias*
- *Discuss management of treatable dementias*

11:30 AM-12:15 PM Premotor signs and non motor fluctuations in PD

- David Charles, M.D.

Learning Objectives:

- *Recognize the pre-motor signs of Parkinson's disease*
- *Review non-motor fluctuations in Parkinson's disease.*
- *Review management of non-motor fluctuations in Parkinson's disease*

12:15- 12:30 PM Questions and Answers

12:30- 5:00 PM Free Time

5:00-6:30 PM Meet the Professor: Michael Geschwind, M.D., Ph.D.

6:30PM- Dinner on your own

Extra-SCNS program

12:30- 2:30 PM Improving management strategies for patients with multiple sclerosis- Daniel Kantor, M.D.

Box lunches provided

Extra-SCNS program

1-7 PM chronic migraine and injection techniques-

Diagnosis and Classification of Headache Disorders- Dr Morris Levin (30 min with 10 min Q and A following)

Primary Headache Disorders – Diagnostic and management issues- Dr Rob Cowan (60 min with 15 min Q and A following)

Chronic Migraine – Diagnosis and Treatment- Dr Alan Rapoport (60 min with 15 min Q and A)

Botulinum toxin – background and use in Chronic Migraine- Dr Rob Cowan (30 min with 10 min Q and A following)

Injection techniques for Migraine – Nerve blocks, trigger point injections and Botulinum toxin- Dr Morris Levin (60 min with 15 min Q and A following)

***Hands-on Teaching Session – Botox injections for Chronic Migraine
All faculty (60 min)***

Total time = 6 hours 5 min

Wednesday January 22, 2014

Headache and Sleep

Moderator: Alan Rapoport, M.D.

8:00-8:45 AM Medication Overuse Headache

- Alan Rapoport, M.D.

Learning Objectives:

- Review the clinical features of medication overuse headache (MOH).
- Explore the epidemiology, pathophysiology and diagnostic criteria of MOH
- Understand principles of management of MOH

8:45-9:30 AM When chronic daily headache is not medication overuse headache

- Robert Cowan, M.D.

Learning Objectives:

- Review differential diagnosis of chronic daily headache
- Review the clinical manifestations of chronic daily headache entities other than MOH
- Review the management of chronic daily headache

9:30-10:15 AM Celiac disease: effects on sleep and the nervous system

- Brian Smith, M.D.

Learning Objectives:

- Review neurological manifestation of celiac disease
- Review specific effects of celiac disease on sleep
- Discuss management of neurological manifestations of celiac disease

10:15-10:30 AM Questions and Answers

10:30-11:00 AM Coffee Break

11:00-11:45 AM Chronic Daily headache Entities in the International Classification of Headache Disorders ICHD-3 Beta

- Morris Levin, M.D.

Learning Objectives:

- *Review the International Classification of Headache Disorders ICHD-3 Beta*
- *Discuss the chronic daily headache entities in ICHD-3 Beta*
- *Review new perspectives on classification of chronic daily headache*

11:45 AM - 12:15 PM Polysomnography: what it can tell us about sleep and sleep disorders

- Brian Smith, M.D.

Learning Objectives:

- *Review the technical aspects of polysomnography*
- *Review the diagnosis of various sleep disorders with polysomnography*
- *Review limitations of polysomnography*

12:15 to 12:30 PM Questions and Answers

12:00-5:00 PM Free Time

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

6:30PM- Dinner on your own

Thursday January 23, 2014

Neuroimmunology and Neuromuscular Disorders

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

8:00-8:45 AM What steroids do and do not do
- Barry Arnason, M.D.

Learning Objectives:

- *Discuss how steroids work in MS and other CNS inflammatory conditions*
- *Discuss what steroids can do*
- *Discuss what steroids do not do*

8:45-9:15 AM Brief genetics overview
- HS Subramony, M.D.

Learning Objectives:

- *Review the terminology of gene testing*
- *Review the impact of genetic and phenotypic heterogeneity and pros and cons of genetic testing*
- *Discuss the impact of technology of testing, the evolving nature of the field, and some of the ethical and legal issues that may arise*

9:15-10:05 AM Hereditary motor-sensory neuropathy- classification, diagnosis and management
- Bassam Bassam, M.D.

Learning Objectives:

- *Learn clinical aspect and classification of various CMT phenotypes & genotypes*
- *Review inheritance patterns & available genetic tests for CMT*
- *Learn a logistic diagnostic approach*

10:05-10:15 AM Questions and Answers

10:15-10:25 AM Coffee Break

10:25-11:15 AM Clinical approach to ataxia and where therapy research is heading

- S.H. Subramony, M.D.

Learning Objectives:

- *Review the classification of ataxias.*
- *Understand the clinical approach to ataxia diagnosis.*
- *Review advances in ataxia therapy research*

11:15 AM-11:45 PM Neurodegeneration of basal ganglia with iron accumulation

- Robert Egel, M.D.

Learning Objectives:

- *Review the types and clinical manifestations of disorders with neurodegeneration and brain iron accumulation (NBIA)*
- *Review the genetics of NBIA*
- *Review the management of NBIA*

11:45-12:15 PM Update on neuromyelitis optica (NMO)

- Barry Arnason, M.D.

Learning Objectives:

- *Review pathophysiology of NMO*
- *Understand current therapy of NMO*
- *Review long-term prognosis of NMO*

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

See you in Naples, January 2015