

FLORIDA NEUROSURGICAL SOCIETY 2017 ANNUAL MEETING

*This is a draft of the program. Agenda subject to change.

Friday, August 18, 2017

- 2:00 – 5:00PM Exhibitor Set-Up
- 5:30PM FNS Board of Directors Meeting
- 6:30 – 8:00PM Opening Cocktail Reception (Light hors d'oeuvres and cocktails)

Saturday, August 19, 2017

- 7:00- 9:00AM Registration
- 7:00 – 8:30AM Breakfast & Visit Exhibits
- 8:00 - 8:10AM Welcome and Call to Order
Stephen Pirris, MD **Maryam Rahman, MD**
FNS President FNS Program Chair
- 8:10 - 8:30AM *History and (Possible) Future of Spinal Interbody Fusion Devices*
Stephen Pirris, MD

Objectives:

- Understand the indications for using an interbody fusion device
- Understand the biomechanical goals of interbody fusion devices
- Understand the osteology associated with interbody fusion devices

- 8:30 – 8:35AM Questions & Answers
- 8:35 - 8:55AM *Complex brain surgery in the setting of private practice. Advanced technology applications*
Raul Olivera, MD
- 8:55 – 9:00AM Questions & Answers
- 9:00 - 9:20AM *Improving Outcomes in GBM*
Maryam Rahman, MD

Objectives:

1. Define the current outcomes in GBM patients based on standard therapy.
2. Develop strategies to understand reasons for failure of novel therapies in GBM.
3. Explore immunotherapeutic approaches that have the potential to improve outcomes in GBM patients.

- 9:20 – 9:25AM Questions & Answers
- 9:25 – 9:45AM *What's new in Neurotrauma...Updates and controversies*
Howard B. Levene, MD/PhD, FAANS

Objectives:

- Identify Current Neurotrauma Guidelines
- Be aware of new Neurotrauma protocols under development

9:45 – 9:50AM Questions & Answers

9:50 – 10:10AM *Updates in Pediatric Neurosurgery*
George Jallo, MD

Objectives:

- Understand new tumor classification for pediatric brain tumors
- Learn about different treatment options that are currently available
- Understand the different types of pediatric brain tumors

10:10 – 10:15AM Questions & Answers

10:15 - 10:45AM Break & Visit Exhibits

10:45 - 10:50AM History of Dr. Lyerly and Introduction of Lyerly Lecturer

10:50 – 11:35AM **Lyerly lecture: USA Healthcare: Can it be fixed?**
William Friedman, MD

Objectives:

- Understand the details of the Accountable Care Act
- Understand how health care is delivered in other countries around the world
- Understand a path forward for improving health care in the USA

11:35 – 11:40AM Questions & Answers

11:40 – 12:00PM *NERVES*
John Regenfuss

12:00 – 12:05PM Questions & Answers

12:05 – 12:25PM FNS General Business Meeting

12:25 – 2:25PM Prevention of Medical Errors for Medical License Renewal
Mark Shaya, MD

7:30PM Tapas, Dessert, & Drinks with live music

Sunday, August 20, 2017

7:00 - 9:00AM Registration

7:00 – 8:30AM Breakfast & Exhibit Visitation

8:00 - 8:20AM *2017 Legislative and Regulatory Update*
Chris Nuland, Esq

8:20 – 8:25AM	Questions & Answers
8:25 - 8:45AM	<i>Adaptive Deep Brain Stimulation: the Next Generation of DBS</i> Kelly Foote, MD
8:45 - 8:50AM	Questions & Answers
8:50 – 9:10AM	<i>Management of Intracranial hemorrhage</i> Bob Hirschl, MD
9:10 – 9:15AM	Questions & Answers
9:15 - 9:35AM	<i>Surgical Management of Cervical Kyphosis</i> Eric Nottmeier, MD
9:35 – 9:40AM	Questions & Answers
9:40 – 10:00AM	<i>Building a Neuroendovascular Practice Outside of an Academic Center</i> Adam Oliver, MD

Objectives:

- Assessing your goals going out into practice
- Understanding the demands of the community
- Choosing a practice and building the practice for longevity

10:00 – 10:05AM	Questions & Answers
10:05 - 10:35AM	Break & Visit Exhibits
10:35 – 12:05PM	Abstract Presentations & Resident Paper Contest (8 minute presentations)
	<i>156 Complex Spinal Fusions at an Independent Ambulatory Surgery Center</i> Ara Deukmedjian, MD

Objectives:

- Understand the many benefits of performing complex spinal surgery in the outpatient setting.
- Understand the "best practices" that allow complex spinal surgery to be performed in the outpatient setting.

Vancomycin Protocol to Reduce Post-Operative Deep Wound Infection in Open Spine Surgery: A Comparative Analysis of Outcomes and Adverse Drug Reactions
Augusto Cianciabella, PA-C
Deuk Spine Foundation

Objectives:

- Understand the effectiveness of Vancomycin in reducing post-operative deep wound infection in open spine surgery.
- Understand the hypothesized mechanism of ADR in posterior cervical fusion patients.

The impact of increased access to health insurance under the Affordable Care Act on US neurosurgical population

Matthew Decker, MD
University of Florida

Objectives:

- Understand the dependent coverage provision
- Understand the impact of increasing access to insurance on the uninsured neurosurgical population
- Formulate a more formal understanding on the impact of national healthcare policy changes

Techniques to ensure Accurate Targeting for Awake Laser Interstitial Thermotherapy treatment

Dimitri Laurent, MD
University of Florida

Objectives:

- How LITT can be safely delivered with framed base stereotaxis and local anesthesia
- How the use of rapid prototyping to create 3D face masks can assist in probe trajectory

The Evolution of Head Fixation and Stabilization during Brain Surgery

Sara Ganaha, MD
Mayo Clinic

Objectives:

- Describe the early forms of neurosurgical headholders and the complications associated with their design.
- Describe how newer models of headholders improved upon older designs in terms of safety, comfort, and manipulability.
- Describe the contributions of the early pioneers in neurosurgery to the development of modern-day head fixation systems.

Mammillary Body Changes and Seizure Outcome after Laser Interstitial Thermal Therapy of the Mesial Temporal Lobe

Sanjeet S Grewal, MD
Mayo Clinic

Objectives:

- Discuss the relevant functional anatomy of hippocampal efferents.
- Understand the relationship between hippocampal ablation volumes and seizure outcomes
- Understand the relationship between mammillary body changes and seizure outcomes

Increased survival for glioblastoma patients is independently associated with Hispanic ethnicity and higher socioeconomic status

Angela M. Richardson, MD
University of Miami

Objectives:

- Describe racial disparities in glioblastoma prognosis, including ethnicity as an independent variable.
- Explain the influence of socioeconomic status on survival in glioblastoma patients

Early VTE chemoprophylaxis in TBI patients is safe and effective

David Shin, MD

UF Shands Hospital

Objectives:

- Understand the importance of safely reducing morbidity in the TBI patient population
- Understand the significance of early VTE chemoprophylaxis in reducing rates of VTE in TBI patients

Are we properly diagnosing and treating mTBI/concussion?

Brian Sindelar, MD

University of Florida

Objectives:

- Understand how symptom cessation does not correlate with the resolution of secondary injury in concussion
- Appreciate the poorly understood microstructural and metabolic neuronal injury and how this relates to symptomatology
- Recognize the potential role of neuroimaging biomarkers for diagnosis and return to play in concussion

Cost effectiveness of allogenic bone substrate for spinal arthrodesis

Stephen Reintjes, MD

Objectives:

- Understand what composes an allograft
- Understand the costs associated with allograft material
- Be able to describe the socioeconomic impact of allogenic bone substrate in spine surgery

Serum Long Noncoding RNA HOTAIR as Novel Diagnostic and Prognostic Biomarker in Glioblastoma Multiforme

Sze Kiat Tan, MD

University of Miami

Objectives:

- Describe a potential biomarker for glioblastoma multiforme
- Identify the HOTAIR network in glioblastoma serum

The utilization of machine-learning algorithm for generating interactive 3-dimensional holographic images from standard computer-tomographic and magnetic resonance imaging modalities: the future of intra-operative navigation modules

Jang Won Yoon, MD

Mayo Clinic

Objectives:

- Describe the current unmet needs in pre- and intra-operative imaging modality
- Discuss, in small groups the importance of more intuitive and seamless visualization of key anatomic landmarks
- Identify areas of improvements needed to transform image-guided surgeries

12:15 – 12:25PM Abstract Presentations Questions & Answers

12:25 – 12:30PM Presentation of Resident Paper Contest Winner

12:30PM Conference Wrap-up & Adjourn

ACCREDITATION STATEMENT:

The Southern Alliance for Physician Specialties CME is accredited by the Medical Association of Georgia to provide continuing medical education for physicians.

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