

GEORGIA NEUROSURGICAL SOCIETY
Fall Meeting
Saturday & Sunday
December 2-3, 2017

PROGRAM

Saturday, December 2, 2017

7:00 – 8:00AM Registration, Continental Breakfast & Exhibit Visitation

8:00AM – 12:10PM **SCIENTIFIC PROGRAM**

8:00 – 8:05AM Welcome & Introductions
Karl Schultz, MD, FACS
GNS President

John Cowan, MD
GNS Program Chair

8:05 – 8:25AM *Update on Skull Base Techniques and Technologies*
Vijay Agarwal, MD

Objectives:

- Perform basic skull base approaches
- Select appropriate patients for skull base approaches
- Have a basic understanding of newer technologies that help with skull base approaches

8:25 – 8:30AM Questions & Answers

8:30 – 9:15AM **RESIDENT PAPER FORUM – PART I**
Acute Spontaneous Intracranial Epidural Hematoma and Disseminated Intravascular Coagulation in a Pediatric Sickle Cell Patient
Christopher Banerjee, MD

Objectives:

- Review the intracranial complication of sickle cell disease, especially as pertaining to those requiring neurosurgical intervention
- Understand the two leading hypothesized mechanisms specific to sickle cell disease that could lead to a spontaneous epidural hematoma

Long term follow-up and outcomes of standalone 2-level anterior lumbar interbody fusion in patients with lumbar spondylosis
Osama Nezar Kashlan

Objectives:

- Describe outcomes of patients undergoing 2-level standalone ALIF
- Incorporate the use of 2-level standalone ALIF in her/his practice in select patients

Spontaneous Spinal Epidural Hematomas: 2 case reports
Joseph R Kilianski III, MD

Objectives:

- Recognize spontaneous spinal epidural hematomas as rare spinal space-occupying lesions

- Appreciate how vertebral epidural arterial and venous anatomy is postulated to play a role in spinal epidural hematoma formation and location

Recurrence and Re-intervention after Treatment of Primarily Cystic Craniopharyngiomas with Brachytherapy: A Review

Zayan Mahmooth

Objectives:

- Understand that brachytherapy is an appropriate option for cystic type craniopharyngiomas but recurrence and need for re-intervention is common.
- Surgery is the most frequent re-intervention after brachytherapy for cystic craniopharyngiomas

9:10 – 9:20AM Resident Paper Questions & Answers

9:20 – 10:10AM **HONORED GUEST PRESENTATION:**
Novel Concepts in Spinal Cord Pathophysiology
Nicholas Theodore, MD, FACS, FAANS

10:10 – 10:20AM Questions & Answers

10:20 – 10:50AM BREAK & EXHIBIT VISITATION

10:50 – 11:10AM *An update on Pediatric Neurotrauma with emphasis on Biomarkers*
Andrew Reisner, MD

Objectives:

- An overview of Pediatric Neurotrauma at Children's Healthcare of Atlanta, with emphasis on the unique pathophysiology in children.
- Discuss the putative benefits of biomarkers in pediatric traumatic brain injuries.
- An update on translational research efforts exploring biomarkers in pediatric head injuries.

11:10 – 11:15AM Questions & Answers

11:15 – 11:55PM *What Georgia Neurosurgeons need to know about Concussions*
John Cowan, MD

11:55 – 12:00PM Questions & Answers

12:00 – 12:10PM Announcements & Daily Wrap-up

12:10PM ADJOURN

1:00PM 6th Annual "GNS vs GSO/HNS" Golf Tournament

6:00 – 7:30PM Cocktail Reception in the Exhibit Hall

Sunday, December 3, 2017

7:00 – 8:00AM **GNS BOARD OF DIRECTORS MEETING**

7:00 – 8:00AM Registration, Continental Breakfast & Exhibit Visitation

8:00AM – 12:10PM **SCIENTIFIC PROGRAM**

8:00 – 8:05AM Welcome & Introductions

Karl Schultz, MD, FACS
GNS President

John Cowan, MD
GNS Program Chair

08:05– 8:25AM *Advances in Oncology that impact Neurosurgeons*
Erin Dunbar, MD

Objectives:

- Provide efficient updates regarding the advances in oncology the impact neurosurgeons.
- Provide management pearls regarding the above topics
- Provide resources for specialists, their staff, and their patients.

8:25 – 8:30AM Questions & Answers

8:30 – 8:50AM *HF 10 Spinal cord stimulation, A preliminary report*
Gerald Kadis, MD

Objectives:

- Understand how HF10 differs from other forms of SCS therapy
- Know the over view of the history of scs in general
- Understand our current implantation protocol

8:50 – 8:55AM Questions & Answers

8:55 – 9:35AM *The Top Three Things to Know in Healthcare Law in 2018*
Dana S. Durrett, JD

Objectives:

- Learn to navigate the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA)
- Be able to implement new HIPPA Laws into your practice
- Become up to date in Healthcare Law.

9:35 – 9:40AM Questions & Answers

9:40 – 10:20AM **HONORED GUEST PRESENTATION:**
Robotics in Spinal Surgery
Nicholas Theodore, MD, FACS, FAANS

10:20 – 10:30AM Questions & Answers

10:30 – 11:00AM BREAK & EXHIBIT VISITATION

11:00 – 11:55AM **RESIDENT PAPER FORUM – PART II**
Cortical trajectory TLIFs and traditional pedicle TLIFs have similar fusion rates: a retrospective cohort study
James G. Malcolm, MD

Objectives:

- Understand the cortical trajectory compared to traditional pedicle trajectory for TLIFs
- With less lateral dissection, the cortical trajectory lowers perioperative morbidity
- Both cortical and pedicle screws show similar fusion rates

Clinical Outcomes for Pipeline Deployment in Treating Wide-neck Aneurysms at the Internal Carotid Artery Terminus
Amit Pujari

Objectives:

- Identify opportunities for use of the Pipeline Embolization Device (PED) to treat wide-neck aneurysms located at the ICA-T
- Discuss flow-related dynamics of the ICA-terminus and how they relate to PED placement.

Crooke's Cell Adenoma Case Presentation and Review of the Literature
Nathan Todnem, MD

Objectives:

- Better understand the clinical and pathological characteristics of Crooke's cell adenoma
- Be more aware of the aggressive nature of this tumor
- Be aware of treatment options for Crookes Cell adenoma lesions

Utility of Routine Surveillance Imaging in Children with Spina Bifida Aperta and Shunted Hydrocephalus
Jeremy Wetzel, MD

Objectives:

- Describe how routine surveillance imaging with clinical evaluation vs clinical evaluation alone affects the rate of future ER visits and care-giver requested clinic visits.
- Describe how these two pathways relate to the likelihood of needing a shunt revision following a routine follow up visit.
- Understand that routine imaging at follow up visits in this population clearly increases the detection of asymptomatic ventriculomegaly but that this study does not address the clinical significance of this condition or establish recommendations for the management thereof.

Current Evaluation and Management of Trigeminal Neuralgia
Jay McCracken, MD

Objectives:

- Differentiate different types of facial pain and determine which kinds respond to surgical intervention
- Understand the different surgical interventions and their efficacies

The Evolution of Pituitary Surgery
Joseph Quillin, MD

Objectives:

- Describe the historical development of the endoscopic endonasal approach.
- Appreciate the combination of surgical ingenuity and technological development required for development of surgical technique.

11:55AM – 12:05PM Resident Paper Questions & Answers

12:05 – 12:10PM Resident Paper Winner & Meeting Wrap-up

12:10PM ADJOURN