

**GEORGIA NEUROSURGICAL SOCIETY**  
**Spring Meeting 2018**

**PROGRAM**

**FRIDAY, MAY 25, 2018**

- 3:30 - 5:30PM            Registration
- 3:00 - 6:00PM            Exhibitors Set-up
- 6:30 - 9:00PM            Dinner Party on the Beach Front Lawn  
New entertainment for both adults & children!

**SATURDAY, MAY 26, 2018**

- 7:30 – 9:30AM            Registration
- 7:30 – 9:00AM            Continental Breakfast & Exhibit Visitation
- 8:00AM - 12:30PM        **SCIENTIFIC SESSIONS**  
**The Cloister Ballroom III**
- 8:00 - 8:10AM            Welcome and Call to Order  
**Karl Schultz, Jr, MD**  
GNS President
- 8:10 – 8:25AM            *The Arcus Shunt Passing Device..Shunt passing improved*  
**Gerald Kadis, MD**
- Objectives:**
- Introduce surgeons to a simple improvement in shunt passing technique
- 8:25 – 8:30AM            Questions & Answers
- 8:30 - 8:45AM            *Minimally Invasive Approach to Ulnar Nerve Decompression for Cubital Tunnel Syndrome*  
**Nicholas Boulis, MD**
- Objectives:**
- Understand the limitations to current approaches to ulnar nerve decompression
  - Appreciate the difference in technique and surgical outcomes with the minimally invasive tunneling approach
- 8:45 – 8:50AM            Questions & Answers
- 8:50 – 9:40AM            **Title: HONORED GUEST PRESENTATION:**  
*Daniel Curry, MD*  
**Objectives:**
- 9:40 – 9:50AM            Questions & Answers
- 9:50 – 10:20AM          **BREAK & EXHIBIT VISITATION**

10:20 – 10:35AM *Current state of Chiari I malformation management – literature review and algorithm suggestions*

**Tigran Khachatryan & Joe Sam Robinson, MD**

**Objectives:**

- Understand the current state in Chiari I literature
- Be familiar to current problems of clinical and radiographic diagnosis as well as therapy of Chiari I

10:35 – 10:40AM Questions & Answers

10:40 – 11:20AM ***Resident Paper Contest Presentations – Session #1***

*A Retrospective Analysis of a Single Centers Experience with Hemorrhagic Arteriovenous Malformations Treated with combination Endovascular Embolization and Gamma Knife Stereotactic Radiosurgery*

**Nathan Todnem, MD**

Augusta University, Resident

**Objectives:**

- Discuss the current and novel imaging modalities for intracranial aneurysms
- Discuss the rupture risk prediction paradigm using novel imaging techniques

*A Novel Technique for Reduction of Aseptic Meningitis after Chiari Decompression Surgery*

**Christopher Banerjee, MD**

Augusta University, Resident

**Objectives:**

- Acknowledge that post-op aseptic meningitis is a concern after pediatric Chiari I decompression.
- Acknowledge the technique of using a cisterna magna drain after Chiari I decompression with the goal of reducing post-op aseptic meningitis via removal of subarachnoid blood.

*Subcutaneous bevacizumab: roadblocks and promises*

**Joseph Quillin, MD**

Emory University, Resident

**Objectives:**

- Describe the historical utility of bevacizumab
- Understand the efficacy and challenges of subcutaneous bevacizumab

*Arteriovenous malformations with associated aneurysms: treatment strategies and outcomes*

**Amit Pujari**

Emory University School of Medicine, Medical Student

**Objectives:**

- Describe the incidence of arteriovenous malformations and associated aneurysms
- Describe the Spetzler Martin classification and classification of associated aneurysms
- Describe the treatment options and outcomes for various combinations of AVM and aneurysm

11:20 – 11:30AM Resident Section Questions & Answers

11:30AM – 12:00PM *Tort Reform Update*

**Kristin Malcolm, Esq**

**Objectives:**

- 12:00 – 12:05PM Questions & Answers
- 12:05PM ADJOURN
- 7:00PM GNS Executive Committee & Honored Guest Dinner

**SUNDAY, MAY 27, 2018**

- 7:00 – 8:00AM GNS Board of Directors Meeting
- 7:00 - 9:30AM Registration
- 7:00 – 8:30AM Continental Breakfast & Exhibit Visitation

8:00AM - 12:30PM **SCIENTIFIC SESSIONS**  
**The Cloister Ballroom III**

- 8:00 – 8:25AM *Modern Palliative & Hospice Medicine, as relevant to Neurosurgeon's practices and families*  
**Erin Dunbar, MD**

**Objectives:**

- Gain knowledge on hospice and palliative medicine
- Gain resources for their practices and families
- Gain practice management tips on hospice and palliative medicines

- 8:25 – 8:30AM Questions & Answers

- 8:30 – 9:30AM ***Resident Paper Contest Presentations – Session #2***

*Quantitative Imaging Analysis of Glioblastoma Reveals Novel Parameters Associated with Distinct Tumor Biology*

**Tyler Steed, MD**  
Emory University, Resident

**Objectives:**

- Relate the importance of computational imaging analysis relative to subjective review
- Understand the anatomical distribution of glioblastomas
- Recognize that lateral ventricle displacement and subventricular zone distance are computational imaging parameters which correlate with patient survival and associate with distinct genomic patterns

*Therapeutic Options and Seizure Freedom after Stereoelectroencephalography in the Neurosurgical Management of Epilepsy*

**Rohan Vij Gupta**  
Emory University School of Medicine, Medical Student

**Objectives:**

- Understand the indications of sEEG and its utility in the management of medically refractory epilepsy.
- Describe the therapeutic options available to patients that have undergone sEEG and their eventual outcomes in attaining seizure freedom.
- Understand the potential risks and complications patients undergoing sEEG may experience.

*Overlapping spine surgery: A retrospective cohort study of complications*

**James Malcolm, MD**  
Emory University, Resident

**Objectives:**

- Review definitions of in-room time, skin-to-skin surgery time, and critical stages, and surrounding controversy
- Describe factors that are affected and not affected by overlapping surgery
- Discuss recommendations for planning overlapping surgeries

*Complication rates after cranioplasty for severe traumatic brain injury*

**Mohib Tora, MD**

Emory University School of Medicine, Medical Student

**Objectives:**

- Define common complications following cranioplasty in patients with severe head injury
- Identify approaches to reducing morbidity following cranioplasty

*Characterizing the Over-Expression Of Yki/Yap/Taz Transcription Factors in Gliomagenesis and a Proposed Novel Treatment of Glioblastomas*

**Shoeb Lallani**

Emory University School of Medicine, Medical Student

**Objectives:**

- Describe common genetic mutations in glioblastoma
- Understand the current research regarding 5-ALA and fluorescence guided resections of gliomas.
- Review the steps involved in a generating a Phase 0 clinical trial.

*Peripheral Nerve Stimulation for Medically Refractory Atypical Facial Pain*

**James Tanner McMahan**

Emory University School of Medicine, Medical Student

**Objectives:**

- Identify situations in which a patient with atypical facial pain may benefit from a peripheral nerve stimulation trial.
- State preliminary data regarding the efficacy and possible complications of this treatment.

9:30 – 9:40AM Resident Section Questions & Answers

9:40 – 10:25AM **Title: HONORED GUEST PRESENTATION:**  
*Daniel Curry, MD*

**Objectives:**

10:25 – 10:35AM Questions & Answers

10:35 - 11:05AM **BREAK AND EXHIBIT VISITATION**

11:05 – 11:20AM **GNS General Business Meeting**

11:20 – 11:50AM *Exoscopic assisted resection in complex skull base surgery*  
**Arturo Solares, MD**  
**Gustavo Pradilla, MD**

**Objectives:**

11:50 – 12:00PM Questions & Answers

12:00PM 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.

The Southern Alliance for Physician Specialties CME designates this live activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.