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
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

Questions & Answers

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

Resident Section Questions & Answers

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 McMahon
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.