

62nd Southern Neurosurgical Society Annual Meeting (SNS)
February 23-26, 2011
Orlando, FL

PROGRAM

WEDNESDAY, FEBRUARY 23, 2011

1:00 – 5:00 pm Meeting Registration
2:00 – 4:00 pm SNS Executive Committee Meeting

THURSDAY, FEBRUARY 24, 2011

7:00 am – 1:00 pm Meeting Registration
7:00 am – 7:30 am Physician's Continental Breakfast with Exhibitors
7:30 am – 7:40 am Opening Remarks – *Christopher Paramore, MD*

Scientific Session I:

Moderator: *Joshua Dowling, MD*

7:40 – 8:10 am The Lateral Retroperitoneal Transpsoas Approach: Anatomical and Technical Considerations
Juan Uribe, MD

8:10 – 8:40 am Current and Future Directions in the Surgical Management of Hydrocephalus
David Limbrick, MD

8:40 – 9:10 am Deep Brain Stimulation for Obsessive-compulsive Disorder Depression
Kelly Foote, MD

9:10 – 9:15 am Introduction of R. Eustace Semmes Lecture
Joshua Dowling, MD

9:15 – 9:50 am R. Eustace Semmes Lecture
Michael Apuzzo, MD

9:50 – 10:15 am Morning Break with Exhibitors

Oral Abstract Presentations

Moderators: *Eric Nottmeier, MD*

10:15 – 10:23 am Paper # 1: Parental Recognition of Shunt Failure
Robert P. Naftel, MD; Emily Tubergen, c-MPH; Kimberly Gran, MD; Chevis Shannon, DrPH; Jeffrey Blount, MD; John C. Wellons, III, MD

10:25 – 10:33 am Paper # 2: Prospective, Randomized, Multicenter Study of Cervical Arthroplasty: 269 Patients from the Kineflex | C Artificial Disc IDE Study with Minimum Two Year Follow-up
Domagoj Coric, MD; Pierce Nunley, MD; Richard Guyer, MD; David Musante, MD; Carl Laurysen, MD

10:35 – 10:43 am Paper # 3: The Fronto-Temporal-Orbito-Zygomatic Approach: Reconstructive Technique and Outcome
Raul Olivera, MD; Angela Downes; Laura Willard, RN; Sammy Youssef, MD; Harry Van Loveren, MD

10:45 – 10:53 am Paper # 4: Preventing CSF Leak after Tethered Cord Release
Joshua Chern; Amber Gordon; Shane Tubbs; Matthew Smyth; Andrew Jea; Jerry Oakes

10:55 – 11:03 am Paper # 5: Management of Central Nervous System (CNS) Injuries During the Civil War: The Introduction of Specialized Surgical Care
William C. Hanigan

- 11:05 – 11:20 am Paper # 6: Activation of Toll-like Receptor 4 (TLR4) Contributes to Functional Loss after Spinal Cord Injury – **Basic Science Award Winner**
R. David Fessler; Krishnan M. Dhandapani, PhD
- 11:25 – 11:33 am Paper #7: Prospective Results from the US IDE Feasibility Study of A Novel Peek-On- Peek Nucleus Replacement Device with Minimum Two Year Follow-up
Domagoj Coric, MD; Matthew Songer, MD
- 11:35 – 11:40 am Introduction of Edward “Ned” Downing Lecture
Christopher Paramore, MD
- 11:40 – 12:30 pm Edward “Ned” Downing Lecture - “It Wasn’t Won Up North: The American Revolution in the South
Walter Edgar, MD
- 12:45 – 2:00 pm Resident Program with Lunch
- 5:30 – 7:00 pm Welcome Reception

FRIDAY, FEBRUARY 25, 2011

- 7:00 am – 1:00 pm Meeting Registration
- 7:00 am – 7:30 am Physician’s Continental Breakfast with Exhibitors

Scientific Session II:

Moderator: *Jay Howington, MD*

- 7:30 – 8:00 am Decoding Human Cortex – Implications for Neuroscience and Neurosurgery
Eric Leuthardt, MD
- 8:00 – 8:30 am Impact of Healthcare Legislation on Neurosurgery
Alex Valadka, MD
- 8:30 – 9:00 am The Coming Challenges of Healthcare Reform Panel Discussion
Panelists: Katie Orrico, JD; Troy Tippet, MD; Clarence Watridge, MD; John Wilson, MD; Alex Valadka, MD
- 9:00 – 9:05 am Introduction of the Presidential Address
Winfield D. Fisher III, MD
- 9:05 – 9:35 am Presidential Address
Christopher Paramore, MD
- 9:35 – 10:00 am Morning Break with Exhibitors

Oral Abstract Presentations

Moderator: *Fernando Vale, MD*

- 10:00 – 10:15 am Paper #8: Current Trends in the Management of Acoustic Neuroma in the United States: Are we over treating? **McCravey Award Winner**
Tsz Yeung Lau, MD; Harry Van Loveren, MD; Siviero Agazzi, MD; Sammy Youssef, MD, PhD
- 10:20 – 10:28 am Paper #9: Optimization of DBS Outcome: Conditional Probability of Hemorrhage and Infection Vs. Target and Number of Trajectories
David F. Bauer, MD; Chevis Shannon, MPH; Jennifer K. George, PA-C; Marc A. Neeland, BS; Erwin Montgomery, MD; Harrison Walker, MD; Barton Guthrie, MD
- 10:30 – 10:38 am Paper #10: Healthcare Reform: Important Considerations for Neurosurgical Practice
Clarence B. Watridge, MD, FAANS, FACS

- 10:40 – 10:48 am Paper #11: Posterior Percutaneous Transarticular Transfacet Fixation of the Subaxial Cervical Spine: A Technical Note
Tien V. Le, MD; Ali A. Baaj, MD; Elias Dakwar, MD; Fernando L. Vale, MD; Juan S. Uribe, MD
- 10:50 – 10:58 am Paper #12: Multilevel Anterior Cervical Discectomy and Fusion without Supplemental Posterior Instrumentation for Cervical Spondylotic Myelopathy
Andy Stevens, MD; Robert Marsh, MD, PhD.; Thomas Sweasey, MD, FACS
- 11:00 – 11:08 am Paper #13: Minimally Invasive Versus Open Multi-level Decompression for Lumbar Stenosis: Comparison of Narcotic Use, Return To Work, and Two-year Pain, Disability, and Quality of Life
Brandon J. Davis, MD; Owoicho Adogwa, MPH; Erin Fulchiero, BS; Oran Aaronson, MD; Joseph Cheng, MD; Clint Devin, MD; Matt J. McGirt, MD
- 11:10 – 11:18 am Paper #14: Relative Cost Comparison of Embolic Materials Used for Treatment of Wide-necked Intracranial Aneurysms
Adam Reig; Scott Simon, MD; Robert James; Prasad Reddy; Robert Mericle
- 11:20 – 11:28 am Paper #15: Long-term Outcomes Following Gamma Knife Radiosurgery for Patients with a Nonsecretory Pituitary Adenoma
Jason Sheehan, MD; Rupa Gopalan, MD; David Schlesinger; Mary Lee Vance; Edward Laws
- 11:30 – 11:38 am Paper #16: Deep Vein Thrombosis in Spine Surgery Patients at The University of Florida: A Two-year Retrospective Review
J. Bridger Cox, MD; R. Patrick Jacob, MD; Daniel J. Hoh, MD
- 11:40 – 11:48 am Paper #17: Association of Surgical Resection and Survival in Patients with Malignant Primary Osseous Spinal Neoplasms: A 30-year Population-based Study
Scott L. Parker, BS; Kaisorn L. Chaichana, MD; Debraj Mukherjee, MD; Ziya L. Gokaslan, MD; Oran Aaronson, MD; Joseph Cheng, MD; Matthew J. McGirt, MD
- 11:50 – 11:58 am Paper #18: Complications of Deep Brain Stimulation: Risks of Placement vs. Neurostimulator Device Issues
Shahid M. Nimjee; Isaac O. Karikari, MD; Tiffany R. Hodges, MD; Dennis A. Turner, MD, MA
- 12:00 – 12:05 pm Introduction of the Distinguished Practitioner
Allan Friedman, MD
- 12:05 – 12:25 pm The Origin of the Journal, *Neurosurgery*
Robert Wilkins, MD
- 12:25 – 12:40 pm Business Meeting
- 7:00 – 9:30 pm Family Night at Disney's Hollywood Studios

SATURDAY, FEBRUARY 26, 2011

- 7:00 am – 12:00 pm Meeting Registration
7:00 am – 7:30 am Physician's Continental Breakfast with Exhibitors

Scientific Session III:

Moderator: *James Markert, MD*

- 7:30 – 8:00 am Update on Endovascular Neurosurgery
Adam Arthur, MD

- 8:00 – 8:30 am Revascularization in Aneurysm Surgery: Why, When, How, Regrets and What's Coming
Jacques Morcos, MD
- 8:30 – 9:00 am Challenges to Resident Education in 2011
Ralph Dacey, MD
- 9:00 – 9:05 am Introduction of William Henry Hudson Lecture
Christopher Paramore, MD
- 9:05 – 9:35 am William Henry Hudson Lecture
Richard Fessler, MD, PhD
- 9:35 – 10:00 am Morning Break with Exhibitors

Oral Abstract Presentations

Moderator: *Eric Sherburn, MD*

- 10:00 – 10:08 am Paper #19: Generation of Transgenic Mice Expressing Dominant Negative NCOAT to Facilitate the Investigation of O-GlcNAc regulation within the Hippocampus and Spinal Cord
Thomas R. Whisenhunt, MD, PhD; Andrew Paterson, PhD
- 10:10 – 10:18 am Paper #20: Incidence of Vascular Encroachment Resulting from Free Hand Placement Of Pedicle Screws in the Thoracic and Lumbar Spine: Analysis of 6,816 Consecutive Screws
Scott L. Parker; Anubhav G. Amin, BS; Ali Bydon, MD; Daniel M. Sciubba, MD; Paul Wolinsky, MD; Ziya L. Gokaslan, MD; Timothy F. Witham, MD
- 10:20 – 10:28 am Paper #21: Oral Contraceptive and Hormone Replacement Therapy Use in Women with Intracerebral Aneurysms
Lisa Feldman, MD; Scott D. Simon, MD; John Reavey-Cantwell, MS, MD; Michael Chen, MD
- 10:30 – 10:38 am Paper #22: Double Fascicular Nerve Transfer to the Biceps and Brachialis Muscles after Brachial Plexus Injury: Clinical Outcomes in a Series of 29 Cases
Wilson Z. Ray; Susan E. Mackinnon, MD
- 10:40 – 10:48 am Paper #23: Does the Midbrain Mediate Descending Supraspinal Control of Nociception and Pain Behavior in Experimental Disc-Herniation Radiculopathy?
Mohammed F. Shamji, MD, PhD; Priscilla Hwang, BS; Kyle Allen, PhD; Mostafa Gabr, MD; Jun Chen, PhD; William J. Richardson, MD, MS; Lori A. Setton, PhD
- 10:50 – 10:58 am Paper #24: Tumor Embolization Using Onyx: Safety and Efficacy
Sherwin R. Dashti; Todd Vitaz, MD; Wayne Villanueva, MD; David Sun, MD, PhD; Tom Yao, MD
- 11:00 – 11:08 am Paper #25: Intraoperative Fluorescent Angiography: Routine use in Cerebral Aneurysm Surgery
Katherine Rose, BS; William Naso, MD; Andrew Rhea, MD; James Brennan, MD; Christopher Paramore, MD
- 11:10 – 11:18 am Paper #26: Phase II Monitoring in Adults with Medically Intractable Epilepsy that is Non-localizable by Scalp Electrode EEG
Glen A. Pollock, MD, DVM; Jenna Dionisio, BS; William O. Tatum IV, DO; Selim Benbadis, MD; Fernando Vale, MD
- 11:20 – 11:28 am Paper #27: Mild Traumatic Brain Injury: Is Routine Repeat Imaging Necessary and which Factors Predict Injury Progression?
Chad W. Washington, MD; Robert L. Grubb, MD
- 11:30 – 11:38 am Paper #28: Cost Effectiveness of Multilevel Laminectomy for Lumbar Stenosis Associated Radiculopathy

Erin Fulchiero, BS; Brandon J. Davis, MD; Owoicho Adogwa, MPH; Oran Aaronson, MD; Joseph Cheng, MD; Clint Devin, MD; Matt J. McGirt, MD

- 11:40 – 11:48 am Paper #29: Cost Effectiveness of Minimally Invasive Versus Open Transforaminal Lumbar Interbody Fusion (TLIF) for Degenerative Spondylolithesis Associated Low-back and Leg Pain Over Two-years
Scott L. Parker; Owoicho Adogwa, MPH; Ali Bydon, MD; Joseph Cheng, MD; Matthew J. McGirt, MD
- 11:50 – 11:58 am Paper #30: Preoperative Grading Scale to Predict Survival in Patients Undergoing Resection of Malignant Primary Osseous Spinal Neoplasms
Scott L. Parker; Kaisorn L. Chaichana, MD; Debraj Mukherjee; Joseph Cheng, MD; Ziya L. Gokaslan, MD; Matthew J. McGirt, MD
- 12:00 – 12:08 pm Paper #31: Clinical Outcomes Following Median to Radial Nerve Transfers
Wilson Z. Ray; Susan E. Mackinnon, MD
- 12:10 – 12:18 pm Paper #32: Dorsal Column Mapping Decreases Dorsal Column Dysfunction for Intramedullary Tumor Resection
Ankit I. Mehta, MD; Cindy A. Mohrhaus, MS, CNIM; Aatif Husain, MD; Isaac O. Karikari, MD; Betsy D. Hughes, MD; Tiffany Hodges, MD; Oren Gottfried, MD; Carlos A. Bagley, MD
- 12:20 – 12:25 pm Closing Remarks
James Markert, MD
- 6:30 – 10:30 pm Final Reception and Banquet