



Meeting Reference Sheet

SEPARATE REGISTRATION REQUIRED

THURSDAY, APRIL 11 AND FRIDAY, APRIL 12

The Benzel Symposium: State-of-the-art in Complex Spine Surgery, A Scientific Tribute and Global Celebration
(Separate Registration Required)

AANS Neurosurgeon Member: \$500
Neurosurgeon Non-member: \$625
Resident and APP Member: \$350
Resident and APP Non-member: \$450

Benzel Gala and Roast: \$200 per person

THURSDAY, APRIL 11 AND FRIDAY, APRIL 12

The Evandro de Oliveira Symposium: Mastery and Legacy in Neuroanatomy and the Surgery of Cerebrovascular Lesions, Complex Brain Tumors and Epilepsy, A Scientific Tribute and Career Celebration
(Separate Registration Required)

AANS Neurosurgeon Member: \$500
Neurosurgeon Non-member: \$625
Resident and APP Member: \$350
Resident and APP Non-member: \$450

Gala Dinner: \$200 per person

SUNDAY, APRIL 14

The NeuroPoint Alliance, Inc. (NPA) and Your Practice: Using Registries to Enhance Quality, Reimbursement, Certification and Clinical Research
(Separate Registration Required)

Participating in NPA Project

Physician: \$250
APP and Office Administrator/Staff: \$150
Fellow, Resident and Medical Student: \$50

Not Participating in NPA Project

Physician: \$650
APP and Office Administrator/Staff: \$450
Fellow, Resident and Medical Student: \$150

PRACTICAL CLINICS

Fees are listed after the course title.

APP Fee indicates a reduced fee for Advanced Practice Providers (APPs), nurses, nurse practitioners (NPs) and physician assistants (PAs).

C&MS Fee indicates a reduced fee for Candidates (Residents or Fellows) and Medical Students.

SATURDAY, APRIL 13

8 a.m.-5 p.m.

Full-day Practical Clinics

NEW

002 Bedside Biostatistics: How to Find and Use Evidence to Take Care of Patients
Fee: \$600
APP Fee: \$420
C&MS Fee: \$130

003 You Are Never Too Old for Surgery: Spine Management in an Aging Population
Fee: \$600
APP Fee: \$420
C&MS Fee: \$130

NEW

006 The Art and Science of Leadership: How to Maximize Personal and Team Success
Fee: \$600
APP Fee: \$420
C&MS Fee: \$130

8 a.m.-12 p.m.

Morning Practical Clinics

001 Society of Neurological Surgeons (SNS) Senior Resident Course: Transition to Practice
Non-CME Event
C&MS Fee: \$65

NEW

007 Endovascular Neurosurgery: Understanding the Procedure - Pre and Post Care Management
Fee: \$450
APP Fee: \$315
C&MS Fee: \$65

008 Neurotrauma and Neurocritical Care for the Practicing Neurosurgeon: MOC Review and Update
Fee: \$450
APP Fee: \$315
C&MS Fee: \$65

NEW

009 Update on Techniques and Equipment for Neurosurgical Patient Positioning
Fee: \$650
APP Fee: \$455
C&MS Fee: \$65

010 Laser Thermocoagulation (LITT) - How, When and Why
Fee: \$450
C&MS Fee: \$65

011 Fundamentals in Spinal Stabilization
Fee: \$650
APP Fee: \$455
C&MS Fee: \$165

NEW

012 Spinal Cord Stimulation-Integrating Pain Management into Your Neurosurgical Practice
Fee: \$450
APP Fee: \$315
C&MS Fee: \$65

013 Emerging Technologies in Spine Surgery
Fee: \$650
APP Fee: \$455
C&MS Fee: \$65

1-5 p.m.

Afternoon Practical Clinics

014 Neurosurgical Care of Athletes: Concussion, Spine, Peripheral Nerve and Return-to-play
Fee: \$450
C&MS Fee: \$65

016 Update on the Management of Spine and Spinal Cord Injury
Fee: \$450
APP Fee: \$315

NEW

017 Complex Wound Management
Fee: \$650
APP Fee: \$455
C&MS Fee: \$65

018 Cranio-cervical and C1C2 Stabilization Techniques, Surgical Approaches
Fee: \$850
APP Fee: \$655
C&MS Fee: \$265



Meeting Reference Sheet

019 Deep Brain Stimulation (DBS): Update and New Directions
Fee: \$450

NEW

020 Robotics in Neurosurgery: Neuromodulatory Surgeries for Epilepsy and Beyond
Fee: \$650
APP Fee: \$455
C&MS Fee: \$65

NEW

021 Latest Breakthroughs for Meningiomas: Surgery vs. Radiosurgery
Fee: \$450
C&MS Fee: \$65

SUNDAY, APRIL 14

7:30 a.m.-4:30 p.m.

Full-day Practical Clinics

024 CPT Coding Update with ICD-10 for Neurosurgeons: Coding Concepts by Case Example
Fee: \$600
APP Fee: \$420
C&MS Fee: \$130

025 Introduction to Cerebrovascular Neurosurgery for Residents
Non-CME Event
C&MS Fee: \$130

NEW

027 Global Neurosurgical Practice
Fee: \$900
APP Fee: \$630
C&MS Fee: \$130

028 Case-based Management of Traumatic Brain Injury
Fee: \$600
APP Fee: \$420

7:30-11:30 a.m.

Morning Practical Clinics

030 How to Apply to Residency
Fee: \$450
C&MS Fee: \$65

NEW

031 Complications Avoidance in Intracranial Surgery
Fee: \$450
APP Fee: \$315
C&MS Fee: \$65

NEW

032 Cerebral Bypass Surgery: Indications, Techniques, New Directions
Fee: \$650
APP Fee: \$455
C&MS Fee: \$65

033 Controversies, Complications, Indications and Advances in MIS Spine Surgery
Fee: \$450
C&MS Fee: \$65

034 Update on Tumors for the General Neurosurgeon I: Adult Gliomas and Metastases
Fee: \$450
C&MS Fee: \$65

12:30-4:30 p.m.

Afternoon Practical Clinics

NEW

035 Neurosurgery Around the World: Education and Other Opportunities
Fee: \$450
APP Fee: \$315
C&MS Fee: \$65

NEW

036 Pearls and Pitfalls of Open vs. Endoscopic Transsphenoidal Surgery
Fee: \$450
APP Fee: \$315
C&MS Fee: \$65

037 Brain Mapping and Awake Mapping Techniques
Fee: \$450
C&MS Fee: \$65

038 Spinal Alignment: Cervical to Pelvis... What EVERY Surgeon Needs to Know; With Case Discussions
Fee: \$450
APP Fee: \$315

039 Peripheral Nerve Injuries, Entrapments and Tumors: Examination and Evaluation
Fee: \$450
C&MS Fee: \$65
APP Fee: \$315

040 Update on Tumors for the General Neurosurgeon II: Skull Base, Pediatric and Spine Tumors
Fee: \$450
APP Fee: \$315
C&MS Fee: \$65

MONDAY, APRIL 15

SUNRISE SESSIONS

Sunrise Session Fees
Fee: \$105
C&MS Fee: \$20

7-9 a.m.

118 Global Neurosurgery
119 Attaining a Solid Fusion: Evidence Review and Suggestions for Success

BREAKFAST SEMINARS

Breakfast Seminar Fees
Fee: \$150
C&MS Fee: \$65

7-9 a.m.

NEW

100 Enhancing Neurosurgeons Productivity

NEW

101 Spinal Cord Tumors

NEW

102 New Neurons: The Future of Regenerative Therapy

NEW

104 ICH Trial Update

NEW

105 3D Simulation and Navigation for Advanced Practice Providers: A Team Based Approach

NEW

106 Sherrington's Influence on Neurosurgery and the Incorporation of Neurophysiology into the Neurosurgical Research Paradigm: A Seminar

NEW

107 Brain Metastases 2.0: Expert Management Strategies and Challenging Cases

NEW

108 My Worst Mistakes in my First Year of Practice - Lessons Learned for Senior Residents and Recent Graduates

109 Pediatric Neurosurgery for General Neurosurgeons

110 Management of Adult Scoliosis



Meeting Reference Sheet

- 111 Return-to-play After Sports Injury I: Spine Injury
- 112 Cerebral Trauma: State-of-the-art Treatment
- 113 Adult Low-grade Gliomas
- 114 Surgical Treatment of Movement Disorders
- 115 New and Evolving Technologies for Minimally Invasive Lumbar Disc Surgery
- 116 Anticoagulation for the Neurosurgeon and Hemostasis in Neurosurgery
- 117 Challenging Spinal Cases: Pearls and Pitfalls

7:30-9 a.m.

- 150 AANS/CNS Section on Women in Neurosurgery (WINS) Breakfast Non-CME Event
Fee: \$100
APP Fee: \$100
C&MS Fee: \$65

1:40-2:30 p.m.

- 175 Neurosurgery "In Press": Latest Results of Clinical Trials in Neurosurgery and Allied Fields
Fee: \$65
APP Fee: \$65
C&MS Fee: \$65

1:45-3:15 p.m.

- 178 Advanced Practice Providers Luncheon: The Science of Practice: Gaining the Trust of the Pediatric Neurosurgical Patient and Family - How to Dance Your Way into Their Hearts!
APP Fee: \$25

6:30-9 p.m.

- Young Neurosurgeons Evening at the San Diego Zoo
Non-CME Event
Fee: \$25
Medical Student: \$10

6:30-9:30 p.m.

- 151 AANS Section on the History of Neurological Surgery Annual Dinner Non-CME Event
Fee: \$160

7-9 p.m. DINNER SYMPOSIA

- 176 Novel Techniques and Strategies to Treat Spine Disease in the Aging Population
Fee: \$195
- 177 New Strategies for Endovascular Aneurysm Treatment
Fee: \$195

TUESDAY, APRIL 16

SUNRISE SESSIONS

- Sunrise Session Fees
Fee: \$105
C&MS Fee: \$20

7-9 a.m.

NEW

- 218 Common Pitfalls and Artifacts on Brain CT and MRI Imaging
- 219 ABNS Board Preparation: What You Must Know

BREAKFAST SEMINARS

- Breakfast Seminar Fees
Fee: \$150
C&MS Fee: \$65

7-9 a.m.

NEW

- 200 Transvenous AVM Embolization

NEW

- 201 Precision Medicine for Individualized VTE Prophylaxis in the Neurosurgical Patient, Including Trauma and Critical Care

NEW

- 202 Neurocritical Care Documentation, Coding, Billing, & Practice: Pearls and Pitfalls to Maximize Revenues and Outcomes

NEW

- 203 Meet the Experts: The Business of Neurosurgery

NEW

- 204 Leveraging Your Leadership Style

NEW

- 206 The APP and Neurosurgical On Call - When should I Call the Surgeon?
- 207 Lumbar Fusion and Non Fusion Intra-Laminar Stabilization: Options, Indications and Considerations
- 208 Chiari Malformations: Diagnosis, Treatments and Failures
- 209 Controversies in Cerebrovascular and Endovascular Neurosurgery

NEW

- 210 "Seeing Inside": Early Experiences with Diagnostic and Therapeutic X-ray in Neurosurgery
- 211 Pituitary Tumors
- 212 Peripheral Nerve Entrapment Syndromes
- 213 Management of Acute Spinal Cord Injury
- 214 Return-to-play After Sports Injury II: Concussion
- 216 Cavernous Malformation: Current Controversies in Management
- 217 The Use of Opioids in Neurosurgical Practice: How to be Safe, Effective and Compliant with New Prescribing Laws

1:45-3:15 p.m.

- 250 Young Neurosurgeons Luncheon Non-CME Event
Fee: \$10
C&MS Fee: \$10

1:45-3:30 p.m.

- 278 Mentorship: Lessons in Resiliency
Fee: \$150
C&MS Fee: \$65



Meeting Reference Sheet

2:30-6 p.m.

- 275 Advancements in Neurotrauma Care
Fee: \$100
APP Fee: \$100
C&MS Fee: \$100

7-9 p.m. DINNER SYMPOSIA

- 276 Ripped from the Headlines - Doctors in Medico-legal Crosshairs: Lessons Learned to Keep Lawyers and Regulators Away
Fee: \$195

NEW

- 277 Time for Change: The Future of Neurosciences Delivery and Integration
Fee: \$195

WEDNESDAY, APRIL 17

SUNRISE SESSIONS

- Sunrise Session Fees
Fee: \$105
C&MS Fee: \$20

7-9 a.m.

- 306 Peri-operative Pain Management - is Narcotic Free America Possible?
307 Shoulder vs. Spine: Differentiating Shoulder and Cervical Spine Pathology

BREAKFAST SEMINARS

- Breakfast Seminar Fees
Fee: \$150
C&MS Fee: \$65

7-9 a.m.

NEW

- 300 Past, Present and Future of Carotid Stenosis
301 Contemporary Management of Spinal Fractures
302 Fast Tracking Patients in Neurosurgery: Protocols and Pathways for Enhanced Recovery
303 Cervical Spondylotic Myelopathy
304 Management of Cranial Incidental Imaging Findings
305 The Spectrum of Adjuvant Therapy for Brain Tumors