

NURSE & PHYSICIAN EXTENDERS' PROGRAMS

N&PE Watch for this icon throughout the Preliminary Program. It indicates sessions that were designed with you in mind.

NEUROSCIENCE NURSE, NURSE PRACTITIONER AND PHYSICIAN ASSISTANT ACTIVITIES

The Scientific Program Committee has organized a comprehensive selection of scientific topics that will be presented. All registered nurses, nurse practitioners, and physician assistants are encouraged to attend any of the Breakfast Seminars that are offered each morning, Monday through Wednesday; and the Practical Clinics on Saturday and Sunday.

Six practical clinics, sixteen breakfast seminars and two afternoon sessions are being offered, which are listed below, as well as the Mid-level Practitioner Luncheon:

PRACTICAL CLINICS

- 004** 3-D Anatomy and Approaches to the Supratentorial Area and Anterior Skull Base
- 005** Spinal Stabilization, Fusion and Instrumentations: Biomechanics and Techniques
- 006** Decision Making and the Spine Patient for Nurses, APRNs and PAs
- 013** Peripheral Nerve Injuries, Entrapments and Tumors: Examination and Evaluation
- 020** Head and Spine Trauma: Current Treatments and Controversies with Hands-On Practical Session in Brain Monitoring and Techniques
- 028** Neurotrauma Critical Care Review and Update for the Practicing Neurosurgeon

BREAKFAST SEMINARS

- 103** Lumbar Spine Fusion
- 109** Controversies in the Management of Intracerebral Hematomas
- 113** Management of Spinal Axis Trauma
- 120** Management of Acute Spinal Cord Injury
- 202** Multidisciplinary Management of Cerebral AVMs
- 206** Surgical Treatment of Parkinson's Disease
- 209** Management of Vasospasm
- 210** Management of Adult Scoliosis
- 213** Management of Asymptomatic Vascular Lesion
- 218** The Spectrum of Adjuvant Therapy for Brain Tumors
- 220** Pediatric Head Injury
- 302** Cerebral Neuromonitoring
- 306** Coil vs. Clip for Intracranial Aneurysms
- 310** Cervical Spondylotic Myelopathy
- 313** Integrating Mid-Level Practitioners into Your Practice
- 318** Evaluation of the Child with a CSF Shunt

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Mid-level Practitioner Luncheon

Monday, May 3, 1:00–2:45 PM

Fee: \$25

Skull Base Surgery: Quantum of Solace and Despair

Moderator: Twyila Lay, NP, MS

Speaker: Anil Nanda, MD, FACS

This luncheon offers an exclusive opportunity for Mid-level Practitioners and Nurses to meet, debate, and discuss the uniqueness of their roles within the realm of neurological surgery as it relates to procedural techniques, interdisciplinary communication and barriers practice. The luncheon will feature an interactive session on Skull Base Surgery. The session will highlight pre-op, intra-op and post-op patient care as provided by the nurse and mid-level practitioner. In conclusion, potential complications and preventive measures will be explored.

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Advancements in Neurotrauma Care

Tuesday, May 4, 2:00–5:00 PM

Fee: \$100

Free for N&PE

Moderator:

Twyila Lay, NP, MS

Speakers:

Jonathan R. Jagid, MD

Marianne E. Langlois, PA-C

Geoffrey T. Manley, MD, PhD

Ava Puccio, RN, PhD

Shirley I. Stiver, MD, PhD

Shelly D. Timmons, MD, PhD

This seminar will explore the physiological basis for critical decision making and evidenced based treatments for some of the most common traumatic disorders including; traumatic brain injury, neurovascular injury and spinal trauma. Using a fun and interesting case based approach, this seminar is designed for nurses, physician assistants,

nurse practitioners and other allied health professionals interested in the latest information and state-of-the-art treatment of neurosurgical injury.

Learning Objectives:

After completing this educational activity, participants should be able to:

- ✦ Discuss patient directed therapies utilizing pathophysiological indicators of cerebral blood flow dynamics for the treatment of intracranial hypertension
- ✦ Discuss diagnosis, interventions, treatment and complications of vascular injuries in the setting of trauma
- ✦ Discuss the evidence for acute spinal cord decompression verses medical management and identify current therapeutic modalities
- ✦ Discuss the use of deep brain stimulation in the setting of traumatic brain injury

arteriovenous malformations and arteriovenous fistulae.

Subarachnoid hemorrhage resulting from ruptured intracranial aneurysms will be discussed with specific discussion of management of acute ruptured aneurysms, as well as current endovascular therapies for associated delayed vasospasm.

Learning Objectives:

After completing this educational activity, participants should be able to:

- ✦ Explain the demographics of ischemic and hemorrhagic stroke
- ✦ Describe causes and endovascular management of ischemic stroke, secondary to cardiac disease, intracranial and extracranial atherosclerosis and dissection
- ✦ Detail endovascular diagnosis and management of hemorrhagic stroke resulting from ruptured aneurysms, arteriovenous malformations and fistulae

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Endovascular Management of Ischemic and Hemorrhagic Stroke

Wednesday, May 5, 2:00–5:00 PM

Fee: \$100

Free for N&PE

Moderator:

Adnan H. Siddiqui, MD, PhD

Speakers:

Bernard R. Bendok, MD

Peng Roc Chen, MD

Kai U. Frerichs, MD

Elad I. Levy, MD, FACS

Kenneth M. Liebman, MD

Laura Mason, ANP-C

The course will provide a comprehensive introduction to endovascular management of ischemic and hemorrhagic stroke.

The design will allow participants to familiarize themselves with the diagnosis and management of ischemic stroke and its attendant predisposing disease states including cardiac embolic sources, as well as carotid and intracranial atherosclerotic disease.

The course will address comprehensive diagnosis and endovascular management of hemorrhagic stroke emanating from ruptured intracranial

NOT A MEMBER OF AANS?

RNs, NPs, and PAs are encouraged to become AANS members in the Associate category. Requirements include proof of certification and letters of recommendation from three (3) AANS voting members. For a list of member benefits and access to the online application, please go to <http://www.aans.org/membership/membership.asp>.