An Overview of Neurosurgical Topics for the Advanced Practice Provider
Aug. 8-11, 2018 | JW Marriott LA Live | Los Angeles

Course Description
This course provides physician assistants (PAs), nurse practitioners (NPs) and other advanced practice providers (APPs) with an overview of a wide spectrum of neurosurgical topics through lectures and case studies. The course offers a diverse range of neurosurgeon and APP faculty to give each attendee a unique learning experience.

Learning Objectives
Upon completion of this educational activity, participants should be able to:
- Discuss emerging technologies as well as treatment paradigms for a variety of neurosurgical conditions.
- Discuss therapies that are ordered by neurosurgeons for a variety of conditions.
- Discuss radiation therapies and updates in neuro-oncology.

By popular demand, the From Cranial to Spine course have expanded its practical clinic and its pre-course workshop designed to instruct and meet the needs of advanced practice providers.

Workshop
New to Neurosurgery Workshop
Wednesday, Aug. 8 • 8:00 a.m. - 5:00 p.m.
This workshop is designed for recent graduates or those new to the neurosurgical setting. The session will address pertinent anatomy and execution of a comprehensive neuro exam.

Learning Objectives
Upon completion of this educational activity, participants should be able to:
- Describe the normal structures and correlative function of the central nervous system.
- Conduct a comprehensive neuro exam.

Practical Clinics
Saturday, Aug. 11 • 8 a.m.-12:30 p.m.
1) Essential Neurosurgical Skills
This hands-on practical clinic covers a variety of essential neurosurgical topics essential to the neurosurgical APP. Participants practice cranial and spinal skills, such as EVDs, cranial shunts and tong application in a small group setting.

Learning Objectives
Upon completion of this educational activity, participants should be able to:
- Demonstrate the techniques used to place intracranial monitoring devices.
- Perform cranial stabilization utilizing various devices.
- Demonstrate shunt programming techniques.

2) Advanced Neuroimaging
This half-day practical clinic will cover a variety of neuroimaging techniques and interpretation skills. This didactic clinic provides APPs with a strong neuroimaging knowledge base the opportunity to expand their experience.

Learning Objectives
Upon completion of this educational activity, participants should be able to:
- Compare and contrast the role of different imaging modalities and techniques.
- Distinguish features of various cranial and spinal pathologies.
- Recognize treatment implications for a variety of imaging findings.

Course Directors
Tracey Anderson, CNRN, FNPBC, ACNP-BC
Colorado Health Medical Group — Brain and Spine
Loveland, Colo.

Alice Edwards, PA-C
Louisiana State University Health Sciences Center
Shreveport, La.

Erol Veznedaroglu, MD, FAANS
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### Course Agenda

#### Wednesday, Aug. 8
8 a.m.–5 p.m.
*Registration*

**New to Neurosurgery Workshop**
*Separate registration required.*

8-10:30 a.m.
Neuro Anatomy: Spine

10:30-10:45 a.m.
*Coffee Break*

10:30 a.m. - 12:30 p.m.
Neuro Anatomy Cranial

12:30-1:30 p.m.
*Lunch*

1:30 - 3:00 p.m.
Neuroimaging

3-3:30 p.m.
*Break*

3:30–5:00 p.m.
Neuroimaging Cases

#### Thursday, Aug. 9
7-8 a.m.
*Registration and Breakfast*

**General Session**

8–8:15 a.m.
*Introduction*

8:15–9:15 a.m.
Neurocritical care

9:15–10:15 a.m.
Seizure Treatment

10:15–10:45 a.m.
*Coffee Break With Exhibitors*

10:45–11:30 a.m.
Opioids: Types and Overview of Federal Requirements

11:30 a.m.–12 p.m.
Neuropsych Evaluation Review

12–1 p.m.
*Break*

1–2:15 p.m.
Spinal Cord Stimulators: Overview and Potential Pitfalls

2:15–3:15 p.m.
DBS including when to refer to Functional Neurosurgeon

3:15–3:30 p.m.
*Coffee Break With Exhibitors*

3:30–4 p.m.
Panel Discussion & Case Studies: Functional

#### Friday, Aug. 10
7-8 a.m.
*Breakfast*

**General Session**

8–8:45 a.m.
Disorders in Geriatric Population

8:45–9:15 a.m.
Work Up of Back Pain: Making Surgical Decisions

9:45–10:15 a.m.
What’s New in Spine Surgery

10:15–10:45 a.m.
*Coffee Break With Exhibitors*

10:45–11:45 a.m.
Panel Discussion & Case Studies: Spine

11:45 a.m.–12:45 p.m.
*Lunch*

12:45–1:15 p.m.
What’s New in Cerebrovascular Surgery

1:15–2 p.m.
DAWN Trial Report

2–2:30 p.m.
*Coffee Break With Exhibitors*

2:30–3:30 p.m.
Work Up of the Acute Neurovascular Patient

3:30–4:30 p.m.
Panel Discussion & Case Studies: Cerebrovascular

4:30–5 p.m.
Question and Answer

#### Saturday, Aug. 11
Hands-On Practical Clinics
*Separate registration required.*

8 a.m.–12:30 p.m.
30 min. *Coffee Break With Exhibitors*

Essential Neurosurgical Skills Practical Clinic

Advanced Neuroimaging Practical Clinic

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### Continuing Medical Education

The AANS is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education (CME) for physicians.

The AANS designates this live activity for a maximum of **7.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### CME Count Breakdown:
- New to Neurosurgery Workshop: 7.5 CME
- General Session: 15.0 CME
- Practical Clinics: 4.0 CME

PAs must self-report their credit on www.MyAANS.org after completion of the meeting. They will receive a certificate of attendance that can be submitted to the American Academy of Physician Assistants (AAPA) for acceptance toward the Physician Assistant Category I (pre-approved) CME requirement.

#### Nursing Contact Hours

This activity has been submitted to the Ohio Nurses Association (OBN- 001-91) for approval to award contact hours. The Ohio Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center’s (ANCC) Commission on Accreditation.

Please call the AANS at 888.566.2267 for more information about contact hours.
General Course Information

Hotel Information
Chicago Marriott Downtown Mag Mile 540 North Michigan Avenue, Chicago, IL 60611
Reservations: click here
Room rates: $189 per night
Reservation Deadline: July 17, 2018

Hotel Accommodations
Registrants are responsible for making their own hotel reservations. Please identify the AANS course you will be attending when making your hotel reservations. While a sufficient number of rooms have been set aside at the hotel for course registrants, there are occasions when the room block sells out prior to the cut-off date. Please make your hotel reservations as early as possible. Reservations made after the course registration deadline will be accepted on a space-available basis and may not qualify for discounted rates.

Registration Policy
Registration is on a first-come, first-served basis. All registrants will receive a letter of confirmation from the AANS within 14 days of receipt of their registration. Should you fail to receive a letter of confirmation prior to departure, please contact the AANS Department of Education and Meetings at 888.566.2267.

Cancellation Policy

General Session Cancellation Policy
Requests for cancellation or substitution of course registration must be received in writing prior to July 8, in order to receive a full refund less a $50 processing fee. Cancellations will only be granted between July 8-22, less a $100 processing fee. No refunds will be issued for cancellations or substitutions after July 24. Send or fax written cancellation or substitution requests to: AANS, Division of Education and Meetings, 5550 Meadowbrook Drive, Rolling Meadows, IL 60008-3852; Fax: (847) 378-0681; Email: epm@aans.org. All requests must be received in writing.

New to Neurosurgery Workshop
Cancellation Policy
Requests for cancellation or substitution of workshop registration must be received in writing prior to July 24, in order to receive a full refund less a $50 processing fee. No refunds will be issued for cancellations or substitution after July 24. Send or fax written cancellation or substitution requests to: AANS, Division of Education and Meetings, 5550 Meadowbrook Drive, Rolling Meadows, IL 60008-3852; Fax: (847) 378-0681; Email: epm@aans.org. All requests must be received in writing.

Advanced Neuroimaging Practical Clinic
Cancellation Policy
Requests for cancellation, substitution, or transfer of practical clinic registration must be received in writing prior to July 6, in order to receive a full refund less a $50 processing fee. Cancellations, substitutions or transfers to another course will only be granted between July 6-22, less a $100 processing fee. No refunds will be issued for cancellations, substitutions or transfers after July 24. Send or fax written cancellation, substitution or transfer requests to: AANS, Division of Education and Meetings, 5550 Meadowbrook Drive, Rolling Meadows, IL 60008-3852; Fax: (847) 378-0681; Email: epm@aans.org. All requests must be received in writing.

*These practical clinics will be supported by educational grants and in-kind support. The skills offered are subject to change. Attendees who are registered for either practical clinic will be notified of the final agenda prior to the course.

The AANS reserves the right to cancel a course. Registrants will be notified by telephone and a formal letter of cancellation will follow in the mail. In the event of course cancellation, registration fees are refundable. However, airline and hotel penalties are the responsibility of the registrant.

No-shows are not eligible for transfers or refunds.

Registration Form

PAYMENT INFORMATION
☐ Check Enclosed (payable to AANS)

☐ Credit Card:  □ Visa □ MasterCard □ American Express

☐ Credit Card Number
☐ Expiration Date

☐ Name (Exactly as it appears on the card)

☐ Authorization Signature
☐ Date Signature (I agree to pay according to the credit card issuer agreement).

Mail your registration form to:
5550 Meadowbrook Drive, Rolling Meadows, IL 60008

To pay by American Express, Visa or Mastercard, please:
• Call 888.566.AANS (2267) or 847.378.0500;
• Fax your registration to 847.378.0681, or
• Register online by visiting www.aans.org/APPcourse

The acronym AANS refers to both the American Association of Neurological Surgeons, a 501 (c)(6) organization, and the American Association of Neurosurgeons, a 501 (c)(3) organization.

Course Fee: $575 Member $625 non-member
☐ New to Neurosurgery Workshop:
☐ $125 AANS Member  ☐ $175 Non-member

Choose One Practical Clinic:
☐ Essential Neurosurgical Skills
☐ $200 AANS Member  ☐ $250 Non-member
☐ Advanced Neuroimaging
☐ $200 AANS Member  ☐ $250 Non-member

TOTAL AMOUNT ENCLOSED: $__________________
(For multiple registrations, photocopy this form and enclose only one check.)

QUESTIONS/ SPECIAL NEEDS
Contact the AANS Department of Education and Meetings at 888.566.2267 or epm@aans.org regarding any special needs associated with a handicap or disability or with any other questions.

Registrar’s Name

Credentials

Address

City State Zip

Phone Email