



WASHINGTON STATE ASSOCIATION
of NEUROLOGICAL SURGEONS



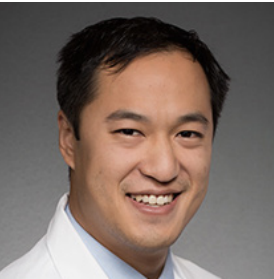
2024 WSANS ANNUAL CONFERENCE

SEPTEMBER 13–15, 2024

Suncadia Resort
Cle Elum, Washington



Welcome



On behalf of the Washington State Association of Neurological Surgeons, welcome to the 2024 WSANS annual meeting here at the beautiful Suncadia Resort.

It is an honor to serve as President of this organization, with its rich history of connecting colleagues from across the state. I am so grateful that you would take time from the many challenges of building and maintaining practices to

be here, and I am looking forward to sharing an educational and enjoyable weekend with you all.

The agenda has been crafted to cover a broad range of neurosurgical topics, addressing current practices as well as future directions in our evolving field. Our program also seeks to highlight how we can better understand our role in the broader practice of medicine, the historical context that has led to how we deliver care today, and a hopeful glimpse into the future of the field.

I am excited to extend membership to those working beside us, the RNs, ARNPs, PAs, and all the colleagues that make our practices what they are. In doing so, we hope to foster a more broad, active participation in the development and growth in WSANS, including these valuable perspectives, which are so necessary for the vitality of our field.

We are delighted to be able to offer CME Category 1 credits for this meeting. WSANS will cover the cost for these credits for all members and associates that attend the annual meeting and renew membership. We are also grateful for the continued sponsorship of our industry colleagues, whose support makes these educational events possible.

Thank you all again for attending the 2024 meeting. I love what we do, and the people with whom we do it. We are going to have a great weekend.

Sincerely,

Andrew L. Ko, MD, President,

WASHINGTON STATE ASSOCIATION
OF NEUROLOGICAL SURGEONS



THANK YOU TO THE FOLLOWING COMPANIES FOR THEIR SUPPORT OF THIS ACTIVITY:

GAMMA TILE

KLS MARTIN

DAY SURGICAL PRODUCTS

BIOCOMPOSITES

PENUMBRA

MITAKA USA

SERVIER PHARMACEUTICALS

CERAPEDICS

INTEGRA LIFESCIENCES

JOIMAX

SILK ROAD MEDICAL

MEDEXUS

S3 MEDICAL

STRYKER

MECTRON NORTH AMERICA

MEDTRONIC

BALT GROUP

GLOBUS MEDICAL

MONTERIS

RAPID MEDICAL

JOHNSON & JOHNSON MED-

TECH

KIYATEC

NICO NEURO

COURSE DESCRIPTION

The 2024 WSANS Annual Meeting at Suncadia Resort serves as an update for Washington State neurosurgeons, ARNP's PA-Cs and nurses that provide neurosurgical care in the state of Washington to assemble and discuss a number of relevant topics, with the primary goal of providing current state of treatment in conditions of spine, tumor, vascular and functional neurosurgery.

ACCREDITATION STATEMENT

This live activity has been planned and implemented in accordance with the accreditation requirements and policies of the Colorado State Medical Society through the joint providership of Gritman Medical Center and Neospine. Gritman Medical Center is accredited by the Colorado State Medical Society to provide continuing medical education for physicians. This educational activity is awarded for a maximum of 8 hours of AMA PRA Category 1 Credit(s).

HOW TO GET YOUR CME CERTIFICATE

Self-reporting CME certificates will be available for download via the WSANS website (www.wsans.org) starting on Sunday, September 15.

DISCLOSURES

The presenters, WSANS Board, and administrative team, have disclosed any relevant financial relationships with any commercial interest for themselves or their spouse. The standard is primarily here to not prevent speakers from speaking, but so the participants have full disclosure on the facts, so they can form their own judgement of the content.

Agenda

FRIDAY, SEPTEMBER 13, 2024:

- 4:30 PM **REGISTRATION OPENS**
- 5:30–7:00 **WELCOME RECEPTION AND EXHIBIT FAIR**
- 6:30–8:00 **DINNER BUFFET**
- 6:45–7:00 **WELCOME** by WSANS President
Andrew Ko, MD, Neurosurgeon, UW MEDICINE
- 7:00–7:45 “Fixing Your Own Problems: Using data to advance health equity” *Jeff Ojemann, MD*, Neurosurgeon, UW MEDICINE & SEATTLE CHILDREN’S
- 7:45–8:30 **KEYNOTE:** “Insomnia and Brain Health: Are medicinal therapies problematic?” *Nathaniel Watson, MD*, Neurologist, Director HMC Sleep Clinic, UW MEDICINE

SATURDAY, SEPTEMBER 14, 2024:

- 7:00–7:30 AM **BREAKFAST BUFFET AND EXHIBIT FAIR**
- 7:30–8:00 “Focused Ultrasound for Neurological Conditions: An update” *Tony Wang, MD*, Neurosurgeon, SWEDISH
- 8:00–8:30 “Endovascular Treatment of Subdural Hematoma”
Akshal Patel, MD, Neurosurgeon,
SWEDISH CEREBROVASCULAR CENTER
- 8:30–9:00 “How We Don’t Die: The history of Medic One”
Richard Rapport, MD, Neurosurgeon, Emeritus, UW MEDICINE;
Clinical Instructor, WSU ESF COLLEGE OF MEDICINE
- 9:00–9:30 “The Single Surgeon Direct Endoscopic Endonasal Approach for Sellar Pathology: Evolution in practice and neurosurgical training”
Jacob Ruzevick, MD, Neurosurgeon, UW MEDICINE
- 9:30–10:00 “Multidisciplinary CNS Tumor Care in the Alvord Brain Tumor Center (ABTC) at the Fred Hutchinson Cancer Center” *Manuel Ferreira, MD, PhD*, Neurosurgeon, UW MEDICINE
- 10:00–10:15 **BREAK**

Agenda *continued*

- 10:15–10:45** “Stereotactic Irradiation–Emerging CNS Indications”
Christopher Loisel, MD, Radiation Oncologist,
SWEDISH CANCER INSTITUTE
- 10:45–11:15** “Endoscopic Spine Surgery: Navigating the learning curve”
Imad Khan, MD, MPH, Neurosurgeon, UW MEDICINE
- 11:15–12:15 PM** “Use of Artificial Intelligence in Patients with Aneurysmal Subarachnoid Hemorrhage to Predict Outcomes and Complications”
Margaret McGrath, MD,
Neurosurgery Resident, UW MEDICINE
- “Utilizing Computational Fluid Dynamics to Understand the Collateral Flow of the Circle of Willis During Cerebral Vasospasm and its Clinical Implications”
Zachary Abecassis MD, Neurosurgery Resident,
UW MEDICINE
- “The Role of AR in Planning Cerebrovascular Surgery”
Radwan Takroni, MD, MSc, Neurosurgery Cerebrovascular/
Endovascular Fellow, SWEDISH
- “The Association of Bone Mineral Density with Distal Junctional Kyphosis and Distal Junctional Failure after Multilevel Spine Fusions: A systematic review and meta-analysis”
Clifford Pierre, MD, Neurosurgery
Research Spine Fellow, SWEDISH
- 12:15–1:15** **LUNCH**
- 1:15–5:30** **TIME ON YOUR OWN**
- 5:30–6:30** **RECEPTION, VENDOR BINGO AND EXHIBIT FAIR**
- 6:30–7:30** **DINNER BUFFET**
- 7:00–7:30** “Brain Computer Interfaces at the University of Washington”
Andrew Ko, MD, Neurosurgeon, UW MEDICINE
- 7:30–8:00** “Current Trends in Artificial Intelligence and Neurosurgery”
Sam Browd, MD, PhD, Neurosurgeon,
UW MEDICINE, SEATTLE CHILDREN'S
- 8:00–9:00** “Discussion, Debate: Arthrodesis v' Artificial Disc”
Moderator: *Katie Krause, MD, PhD*, Neurosurgeon,
VIRGINIA MASON FRANCISCAN HEALTH
- Imad Khan, MD, MPH*, Neurosurgeon, UW MEDICINE
Jason Chang, MD, Neurosurgeon, KAISER PERMANENTE

Agenda *continued*

SUNDAY, SEPTEMBER 15, 2024:

8:00–10:00 AM **BREAKFAST BUFFET**, WSANS Business meeting

11:00 AM **SUNCADIA CHECK-OUT TIME**

Thank you for attending!

WSANS Executive Board Members:

Andrew Ko, MD, President
Stephen Monteith, MD, Vice President
Ali Ravanpay, MD, PhD, Treasurer
Katie Krause, MD, PhD, Secretary
Jacob Ruzevick, MD, Historian

WSANS Conference Coordinators:

Linda O'Keefe
Michi Wohns
Janet Clardy



Speaker Sessions



Jeff Ojemann, MD, Neurosurgeon,
UW MEDICINE and SEATTLE CHILDREN'S
[for more information](#)



Nathaniel Watson, MD, Neurologist,
Director HMC Sleep Clinic, UW MEDICINE
[for more information](#)

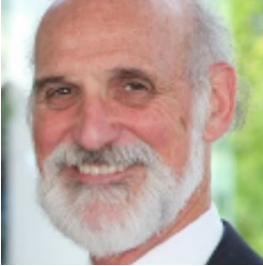


Tony Wang, MD, Neurosurgeon, SWEDISH
[for more information](#)



Akshal Patel, MD, Neurosurgeon,
SWEDISH CEREBROVASCULAR CENTER
[for more information](#)

Speaker Sessions



Richard Rapport, MD, Neurosurgeon Emeritus,
UW MEDICINE; Clinical Instructor,
WSU ESF COLLEGE OF MEDICINE

[for more information](#)



Jacob Ruzevick, MD, Neurosurgeon,
UW MEDICINE

[for more information](#)



Manuel Ferreira, MD, PhD, Neurosurgeon,
UW MEDICINE

[for more information](#)



Christopher Loiselle, MD,
Radiation Oncologist, SWEDISH CANCER INSTITUTE

[for more information](#)

Speaker Sessions



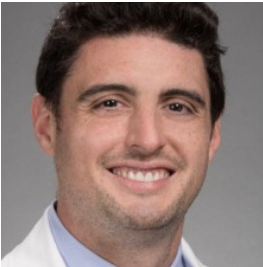
*Imad Khan, MD, MPH, Neurosurgeon,
UW MEDICINE*

[for more information](#)



*Margaret McGrath, MD,
Neurosurgery Resident, UW MEDICINE*

[for more information](#)



*Zachary Abecassis MD,
Neurosurgery Resident, UW MEDICINE*

[for more information](#)



*Radwan Takroni, MD, MSc, Neurosurgery
Cerebrovascular/ Endovascular Fellow, SWEDISH*

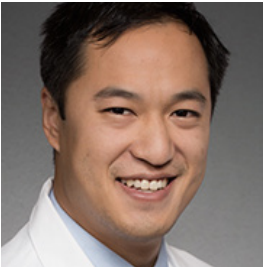
[for more information](#)

Speaker Sessions



Clifford Pierre, MD, Neurosurgery Research
Spine Fellow, SWEDISH

[for more information](#)



Andrew Ko, MD, Neurosurgeon, UW MEDICINE

[for more information](#)



Sam Browd, MD, PhD, Neurosurgeon,
UW MEDICINE and SEATTLE CHILDREN'S

[for more information](#)

Speaker Sessions



“Discussion, Debate: Arthrodesis v’ Artificial Disc”

Moderator:

Katie Krause, MD, PhD, Neurosurgeon,
VIRGINIA MASON FRANCISCAN HEALTH

[for more information](#)



Imad Khan, MD, MPH,
Neurosurgeon, UW MEDICINE

[for more information](#)



Jason Chang, MD,
Neurosurgeon, KAISER PERMANENTE

[for more information](#)



Save the date

2025 WSANS ANNUAL CONFERENCE
SEPTEMBER 20–24, 2025 *Suncadia Resort*

Contact Michi Wohns for details or sponsorship opportunities
206-369-7770, michiwohns@gmail.com