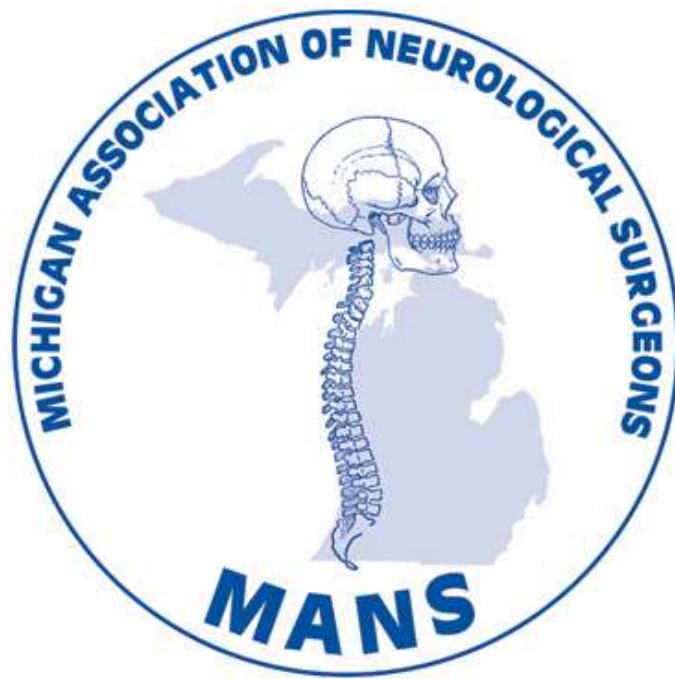




2022 SCIENTIFIC AGENDA

40th Annual Summer Meeting

August 26-28, 2022

Boyne Mountain Resort, Boyne Falls, MI



Michigan Association of Neurological Surgeons



40th Annual Summer Meeting
August 26-28, 2022
Boyne Mountain Resort & Spa



American
Association of
Neurological
Surgeons

Jointly Provided by the AANS

Dear colleagues,

It is an honor to be leading the Michigan Association of Neurological Surgeons as their current president and I am excited to see everyone at the summer meeting this year. It has been my privilege to follow the footsteps of our past-president, Dr. Hazem Eltahawy, to ensure that our association continues to grow and serve as the preeminent voice of neurosurgery in the state of Michigan.

Dr. Ann Stroink, the incoming President of the AANS, will be our honored guest speaker. The Board, our Executive Director, Cindy Wickstrom, and I are excited to bring the meeting to Northern Michigan and hope that you and your families will enjoy a weekend of fun, fellowship, and continued learning.

If you have any questions, please do not hesitate to contact me directly. I appreciate your generosity and continued support of MANS and look forward to welcoming you to northern Michigan in August.

Kind Regards,



Jason Schwalb, MD FAANS, FACS

President of the Michigan Association of Neurological Surgeons 2021-2023

WiFi
TBA Onsite

KEYNOTE GUEST SPEAKER – Dr. Ann Stroink

Accomplished, energetic physician leader with over 30 years of experience and proven record of program and business development in the neuro healthcare sciences.

Board-certified neurosurgeon and founding senior partner of Central Illinois Neuro Health Sciences in Bloomington, IL. Trained in neurosurgery at the Mayo Clinic in Rochester, MN (1979-85) and fellowed in pediatric neurosurgery at the Hospital for Sick Children at the University of Toronto (1985). In addition to a full neurosurgery practice she serves as System Medical Director, Neurosciences Quality and Educational Program Development for Advocate Aurora Healthcare, headquartered in Downers Grove, IL. In that capacity, she serves as Chair of the Systems Neuroscience Peer Review Committee and directs strategic planning for neuroscience services across the multiple hospital system placing quality and value at the forefront using educational platforms to enhance evidence based driven practice. Dr. Stroink is co-founder of the Central Illinois Neuroscience Foundation, a not-for-profit organization dedicated to enhancing neuro healthcare through education and research, where she served as Director of Continuing Medical Education, trains residents in neurosurgery, and participates in clinical research.

Dr. Stroink is actively involved in organized medicine, serving as:

- Chair of the Neurosurgery Delegation to the AMA;
- Current member of the AMA Council on Legislation;
- Chair-elect of the AMA Mobility Caucus;
- Immediate past-chair of the AANS/Congress of Neurological Surgeons Washington Committee—neurosurgery's policy and advocacy committee;
- AANS President

Dr. Stroink is an advocate for both doctors and patients with topic expertise on health policy and legislative matters.



ANN R. STROINK, MD, FAANS

SATURDAY, AUGUST 27

TIME	EVENT	Location
7:00am to 8:00am	Breakfast with Exhibitors	Matterhorn AB
7:00am to 12:00pm	Registration	West Lobby
8:00am to 8:45 am	Ann Stroink, MD – Neurosurgery Legislative Update: Spine Care and Delivery MANS Honored Guest Speaker	Matterhorn CD
8:45 am to 9:00am	Coffee Break with Exhibitors	Matterhorn AB
9:00am to 9:20am	Jason Schwalb, MD – Why We Fight	Matterhorn CD
9:20am to 9:40am	Craig Coccia, MD – Lessons Learned From 30 Years of Rural Neurosurgery Practice	Matterhorn CD
9:40am to 10:00am	David Nerenz, MD – Social Determinants of Health, Quality of Care, and Surgical Outcomes	Matterhorn CD
10:00am to 10:20am	Rushna Ali, MD – Surgical Management of Cancer-Related Pain	Matterhorn CD
10:20am to 11:00am	Coffee Break with Exhibitors	Matterhorn AB
11:00am to 11:20am	Boyd Richards, DO – Laminectomy Width and Postoperative C5 Palsy after Posterior Cervical Decompression Fusion for Cervical Spondylotic Myelopathy: A Comparative Cohort Study	Matterhorn CD
11:20am to 11:40am	Hazem Eltahawy, MD - Neuro Navigation Increases Accuracy at the Critical Cervical and Upper Thoracic Pedicle Screw Placement	Matterhorn CD
11:40am to 12:00pm	Frank La Marca, MD – Evolution of Minimally Invasive Deformity	Matterhorn CD
12:00pm to 12:10pm	Todd Vogel, MD – Lumbopelvic Techniques: Anatomic and Instrumentation Considerations	Matterhorn CD
12:10pm to 12:20pm	Osama Kashlan, MD – Starting Up an Endoscopic Spine Surgery Practice	Matterhorn CD
12:20pm to 12:40pm	Mick Perez-Cruet, MD – Long Term Outcomes After Minimally Invasive Laminectomy for The Treatment of Multi-Level Lumbar Stenosis	Matterhorn CD
12:40pm to 1:00pm	Marc Moisi, MD - Spinal Osteomyelitis	Matterhorn CD
1:00pm to 1:10pm	Victor Chang, MD – MSSIC Update	Matterhorn CD
1:10pm to 1:20pm	Christopher Abood, MD – Neurosurgery Malpractice Defense: A Ten-Year Review	Matterhorn CD
1:20pm to 2:00pm	Lunch with Exhibitors	Matterhorn AB
2:00pm to 2:10pm	Resident Abstracts listed below	Matterhorn CD
2:10pm to 2:20pm	TBA	
2:20pm to 2:40pm	TBA	
2:40pm to 3:00pm	TBA	
3:00pm to 5:00pm	Whiskey Blending – Registration Required	

CONCURRENT SESSION FOR NEURO NURSES, NP'S AND AP'S

SATURDAY, AUGUST 27

TIME	EVENT	LOCATION
Please enjoy breakfast with exhibitors and the keynote lecture. See room locations below.		
7:00am to 8:00am	Breakfast with Exhibitors	Matterhorn AB
7:00am to 12:00pm	Registration	West Lobby
8:00am to 8:45am	MANS Honored Guest Speaker	Matterhorn CD
8:45am to 9:00am	Coffee Break with Exhibitors	Matterhorn AB
9:00am to 10:20am	Attend Session with surgeons	Matterhorn CD
10:20am to 11:00am	Coffee Break with Exhibitors	Matterhorn AB
11:00am to 11:20am	Marc D. Moisi, MD: Current Advancements in the Management of Spinal Cord Injury	Arlberg 3
11:20am to 11:40am	Christopher E. Childers, FNP/C: Cervical Injuries of the Spine	Arlberg 3
11:40am to 12:00pm	Dia R. Halalmeh, MD: Thoracolumbar Injuries of the Spine	Arlberg 3
12:00pm to 12:20pm	Petrica T. Molnar, AGACNP-BC: Acute Surgical and Non-Surgical Management of TBI-Case Review	Arlberg 3
12:20pm to 12:40pm	John Millard, PA-C: Management of Coagulopathy in the Neurotrauma Patient	Arlberg 3
12:40pm to 1:00pm	Carrie Lint, ACNP-BC: "Why Did This Happen?" Exploring the Etiologies of Stroke	Arlberg 3
1:00pm to 1:20pm	Hazem Eltahawy, MD: Overview of Pre-and Postoperative Brain Tumors Patients	Arlberg 3
1:20pm to 2:00pm	Lunch with Exhibitors	Matterhorn AB
2:00pm to 3:00pm	Room Change to Main Session with Surgeons	Matterhorn CD
2:00pm to 2:10pm	Resident Abstracts listed below	Matterhorn CD
2:10pm to 2:20pm	TBA	
2:20pm to 2:40pm	TBA	
2:40pm to 3:00pm	TBA	
3:00pm	Meeting Adjourns	
5:00pm to 6:30pm	Happy Hour Session Sponsored by AstraZeneca/Alexion: Drinks and Hors d'oeuvres will be provided	Stein Erickson's Patio

SUNDAY, AUGUST 28

TIME	EVENT	LOCATION
7:00am to 8:00am	Breakfast with Exhibitors	Matterhorn AB
7:00am to 10:00am	Registration	West Lobby
8:00am to 8:10am	Gary Rajah, MD – Starting a Neurovascular Program in Rural Michigan	Matterhorn CD
8:10am to 8:20am	Aditya Pandey, MD – Endovascular and Microsurgical Management of Cranial Fistulas	Matterhorn CD
8:20am to 8:30am	Justin Clark, MD – Treatment of Unclippable Intracranial Aneurysm with EC-IC Bypass	Matterhorn CD
8:30am to 8:50am	Justine Pearl, MD – Neurosurgical Oncology; The Munson Experience, Year 2	Matterhorn CD
8:50am to 9:10am	Wajd Al-Holou, MD – Advances in Clinical and Experimental Therapies for Gliomas	Matterhorn CD
9:10am to 9:30am	Steven Kalkanis, MD – Innovations in Brain Tumor Surgery in the Precision Medicine Era	Matterhorn CD
9:30am to 9:40am	Panel Discussion: Dr. Robert Johnson to moderate	Matterhorn CD
9:40am to 10:00am	Coffee Break with Exhibitors	Matterhorn AB
10:00am to 10:20am	Karam Asmaro, MD – Endoscopic Endonasal Approach to the Central Skull Base for Management of Tumors in the Cavernous Sinus	Matterhorn CD
10:20am to 10:40am	Neena Marupudi, MD – Minimally Invasive Approaches for Disconnective Epilepsy Surgery	Matterhorn CD
10:40am to 11:00am	Emily Levin, MD – DBS for Epilepsy	Matterhorn CD
11:00am to 11:20am	Ellen Air, MD – High Impact Operative Feedback in Resident Training	Matterhorn CD
11:20am to 11:40am	Karol Zakalik, MD – Hydrocephalus Shunting: From Neonates to Elderly	Matterhorn CD
11:40am to 12:00pm	Mark Jones, MD – The Times They Are A-Changin	Matterhorn CD
12:00pm to 12:20pm	Introduction of Resident Abstract Winners	Matterhorn CD
12:20pm	Meeting Adjourns	

CME INFORMATION

To complete the MANS meeting evaluation and receive your CME credit, please look for an email with a Survey Monkey link this week and complete it right away to self-report CME. Certificates will be emailed out within one month of the meeting from AANS.

JOINT PROVIDERSHIP ACCREDITATION STATEMENT This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the AANS and Michigan Association of Neurological Surgeons. The AANS is accredited by the ACCME to provide continuing medical education for physicians.

DESIGNATION STATEMENT The AANS designates this live activity for a maximum of 10 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE STATEMENT Before the program, anyone in control of the educational content of this activity will disclose the existence of any financial interest and/or the relationship they have with manufacturer(s) of any commercial product(s) to be discussed during their presentation. Disclosures will be included in the final program.

DISCLAIMER STATEMENT The material presented at the 40th Annual Meeting in 2022 has been made available by the Michigan Association of Neurological Surgeons and the AANS for educational purposes only. The material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical situations discussed, but rather it is intended to present an approach, view, statement, or opinion of the faculty, which may be helpful to others who face similar situations.

Neither the content (whether written or oral) of any course, seminar or other presentation in the program, nor the use of a specific product in conjunction therewith, nor the exhibition of any materials by any parties coincident with the program, should be construed as indicating endorsement or approval of the views presented, the products used, or the materials exhibited by the Michigan Association of Neurological Surgeons and jointly provided by the AANS, or its Committees, Commissions, or Affiliates.

Neither the AANS nor the Michigan Association of Neurological Surgeons makes any statements, representations or warranties (whether written or oral) regarding the Food and Drug Administration (FDA) status of any product used or referred to in conjunction with any course, seminar or other presentation being made available as part of the Michigan Association of Neurological Surgeons Conference. Faculty members shall have sole responsibility to inform attendees of the FDA status of each product that is used in conjunction with any course, seminar or presentation and whether such use of the product is in compliance with FDA regulations.

2022 MANS ANNUAL MEETING LEARNING OBJECTIVES

Upon completion of this CME activity, participants should be able to:

1. Describe the major vectors of change that will influence the future landscape of spine care
2. Outline the factors that will drive spine surgery further towards an outpatient experience
3. Delineate the major technological advances that will change practice patterns for the spine surgeon
4. Discuss the current status of Prior Authorization and how it will influence spine care
5. Outline the expectations of Surprise Billing Legislation and subsequent White House/regulatory influence that will affect spine surgeons especially in out of network situations
6. Identify the importance of clinical spine registries when working with legislative bodies and governmental agencies.
7. To determine if narrow laminectomy width is associated with a reduced risk for C5 palsy
8. Discuss the potential applications to SCI and post-op C5 palsy.
9. Review certain cranial approaches to brain tumors.
10. Recognize the role of surgery in the patient population.
11. List the key drivers of patient satisfaction in lumbar spine surgery.
12. Review the role of modern imaging techniques in tumor management.
13. Describe potential radiographic findings on fetal MRI which may need for neonatal treatment.
14. Discuss normal spine balance parameters.
15. Describe the updates on molecular genetic diagnostics and predictive analytics for brain tumor management.
16. Identify the standards of care for aneurysm, AVM and Stroke treatments.

DISCLOSURES The AANS and Michigan Association of Neurological Surgeons control the content and production of this CME activity and attempt to ensure the presentation of balanced, objective information. In accordance with the Standards for Integrity and