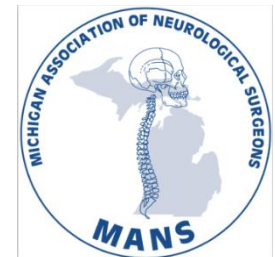


MICHIGAN ASSOCIATION OF NEUROLOGICAL SURGEONS
JUNE 7-9, 2019: THE JW MARRIOTT, GRAND RAPIDS
37TH ANNUAL MEETING

SCIENTIFIC AGENDA



American
Association of
Neurological
Surgeons



FRIDAY, JUNE 7

Time	Event	Location
12:00- 5:00 PM	Medtronic Mazor Robotic Spine Lab <i>(Hors d'oeuvres & refreshments served)</i>	JW Marriott lobby
2:00-6:00 PM	Registration	JW Marriott lobby
2:00-8:00 PM	Exhibitor Set-up	Salon A
5:00-6:00 PM	MANS Board Meeting	Salon B
7:00-7:30 PM	Cocktails and Strolling Tour of Ford Museum	Gerald Ford Museum lobby
7:30-8:20 PM	Dinner	Gerald Ford Museum lobby
8:20-8:25 PM	Hazem Eltahawy, MD, MANS President <i>Introduction of Honored Guest Speaker</i>	Gerald Ford Museum Auditorium
8:30-9:00 PM	Andres Lozano, MD, PhD Honored Guest Speaker <i>Getting an Upgrade on the Human Brain</i>	Gerald Ford Museum Auditorium

*SATURDAY, JUNE 8

Time	Event	Location
7:00-8:00 AM	Breakfast with Exhibitors	Salon AB
7:00-12:00 PM	Registration	Salon B
8:00-8:05 AM	Hazem Eltahawy, MD: <i>Introduction of Andres Lozano, MD, PhD</i>	Salon C
8:05-8:45 AM	Andres Lozano, MD, PhD: <i>Advances in Functional Neurosurgery</i>	Salon C
8:45-9:00 AM	Coffee Break & Room Change	Salon AB
	Session I: Moderator Jason Schwalb, MD	
9:00-9:20 AM	Jason Schwalb, MD: <i>Neurosurgical Treatment of Facial Pain</i>	Salon C
9:20-9:40 AM	Sanjay Patra, MD: <i>Utilization of Neuromodulation for the Treatment of Treatment of Medical Refractory Epilepsy</i>	Salon C
9:40-10:00 AM	Parag Patil, MD: <i>Restorative Neuroengineering: The Future of Neuromodulation & Neuroprosthetics</i>	Salon C
10:00-10:30 AM	Coffee Break with Exhibitors	Salon AB
	Session II: Moderator: Jason Heth, MD	
10:30-11:00 AM	Greg Thompson, MD: <i>Progress toward durable Hearing Preservation in Preservation in Patients with NF-2</i>	Salon C
11:00-11:20 AM	Neena Marupudi, MD: <i>Short-Term Functional Outcomes of Infra-Conus Conus Mini-Laminotomy for Selective Dorsal Rhizotomy</i>	Salon C
11:20-11:40 AM	Steven Kalkanis, MD: <i>Innovations in Brain Tumor Surgery in the Precision Medicine Era</i>	Salon C
11:40-12:00 PM	Holly Gilmer, MD: <i>Outcomes in repeat Chiari Decompression</i>	Salon C
12:00-1:00 PM	Session III: Resident Abstracts	Salon C
4:00- 6:00 PM	Happy Hour in Centennial Room at Founder's Brewery <i>Sponsored by Medtronic</i>	Founder's Brewery

*** CONCURRENT SESSION**

*SATURDAY, JUNE 8

Time	Event	Location
7:00-8:00 AM	Breakfast with Exhibitors	Salon AB
7:00-12:00 PM	Registration	Salon B
8:00-8:05 AM	Hazem Eltahawy, MD: Introduction of Andres Lozano, MD, PhD	Salon C
8:05-8:45 AM	Andres Lozano, MD, PhD: <i>Advances in Functional Neurosurgery</i>	Salon C
8:45-9:00 AM	Coffee Break & Room Change	Salon AB
	Session I Moderator: Ashra Mirza, NP	
9:00-9:20 AM	Hazem Eltahawy, MD: <i>Brain Tumors Diagnosis and Management</i>	Salon D
9:20- 9:40 AM	Angela Ransom, NP: <i>Interpretation of neuro exam and images</i>	Salon D
9:40- 10:00 AM	Aditya Pandey, MD: <i>Stroke Diagnosis and Management</i>	Salon D
10:00-10:30 AM	Coffee Break with Exhibitors	Salon AB
	Session II Moderator: Angela Ransom, NP	
10:30-10:50 AM	John Millard, PA: <i>Neuro Trauma: Team Communication</i>	Salon D
10:50- 11:10 AM	Ashra Mirza, NP: <i>Spine management in the clinic</i>	Salon D
11:10- 11:30 AM	Marc Moisi, MD: <i>The multidisciplinary approach to the spine patient</i>	Salon D
11:30- 12:00 PM	Questions and discussion	Salon D
12:00- 1:00 PM	Resident Abstracts – Optional	Salon C
1:00 PM	Meeting Adjourns	
4:00- 6:00 PM	Happy Hour in Centennial Room at Founder's Brewery <i>Sponsored by Medtronic</i>	Founder's Brewery

*** CONCURRENT SESSION**

*SATURDAY, JUNE 8

Time	Event	Location
12:00 PM	Session III- Resident Abstract: Moderator: Sanjay Patra, MD	Salon C
12:00-12:05 PM	Introduction and Scoring	
12:05-12:15 PM	Gary Raja, MD: <i>Benefits and Safety of the Distal Trans-radial Approach to Neuro Endovascular Surgery</i>	Salon C
12:15-12:25 PM	Richard Garling, MD: <i>Intracerebral Hemorrhage and Hypertension: A Detroit Epidemic</i>	Salon C
12:25-12:35 PM	Lara Massie, MD: <i>The National Prevalence and Characteristics of Opioid Use In Patients Undergoing Elective Spine Surgery</i>	Salon C
12:35-12:45 PM	Jordan Grauer, BA: <i>Minimally invasive unilateral across midline vertebral column resection partially corrects thoracolumbar kyphosis Surgical Case Series</i>	Salon C
12:45-12:55 PM	Karam Asmaro, MD: <i>Decreasing the Neurosurgeon's Narcotic Footprint While Maintaining Adequate Patient Analgesia: Implications of a State Mandated Law to Curb Opioid Prescriptions</i>	Salon C
1:00 PM	Meeting Adjourns	
4:00- 6:00 PM	Happy Hour in Centennial Room at Founder's Brewery <i>Sponsored by Medtronic</i>	Founder's Brewery

*** CONCURRENT SESSION**

SUNDAY, JUNE 9

Time	Event	Location
7:00-8:00 AM	Breakfast with Exhibitors	Salon AB
7:00-10:00 AM	Registration	Salon B
	Session IV: Moderator: Aditya Pandey, MD	
8:00-8:20 AM	Aditya Pandey, MD: <i>Cerebrovascular Update and the Michigan Collaborative</i>	Salon C
8:20-8:40 AM	Paul Mazaris, MD: <i>Tissue based selection for large vessel occlusion thrombectomy leads to similar functional outcomes in conventional and extended windows</i>	Salon C
8:40-9:00 AM	Justin Singer, MD: <i>General Anesthesia for Thrombectomy in Ischemic stroke leads to poor outcomes as compared to conscious sedation</i>	Salon C
9:00-9:20 AM	Coffee Break with Exhibitors	Salon AB
	Session V: Moderator : Marc Moisi, MD	
9:20-9:40 AM	Hazem Eltahawy, MD, <i>Spinal Navigation improves accuracy in critical pedicle cannulation in cervico-thoracic deformity correction</i>	Salon C
9:40-10:00 AM	Mick Perez-Cruet, MD: <i>The Science of Spondylolisthesis and Spinal Stenosis</i>	Salon C
10:00-10:20 AM	Murali Guthikonda, MD: <i>Cervical Laminoplasty- An Ignored Art</i>	Salon C
10:20-10:40 AM	Jason Schwalb, MD: <i>Update on Michigan Spine Surgery Improvement Collaborative</i>	Salon C
10:40-11:00 AM	Anthony Avellino, MD: <i>Work Life Balance for the Neurosurgeon</i>	Salon C
11:00-11:20 AM	Marc Moisi, MD: <i>Awake at the Wound- Athletic Performance Techniques for Professionals</i>	Salon C
11:20-11:40 AM	<i>MANS Update by the President</i>	Salon C
11:40-12:00 PM	Introduction of Resident Abstract Winners	Salon C
12:00 PM	Meeting Adjourns	

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 sent out within approximately one month of the meeting.

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 8.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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2019 MANS ANNUAL MEETING LEARNING OBJECTIVES

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

- 1) Compare the latest developments in neuromodulation and surgical management of neurodegenerative disorders, pain & epilepsy.
- 2) Identify effective treatments in spinal fusion and decompression when treating spinal stenosis, deformities and cervical myelopathy.
- 3) Recognize the advances in improving outcome for treatments of brain tumors, acoustic neuromas, spasticity and Chiari malformation
- 4) Analyze the recent advances in surgical and endovascular management of neurovascular conditions
- 5) Examine the importance of work life balance and performance training in improving outcomes for the neurosurgeon and the patient.

DISCLOSURES The AANS and the Michigan Association of Neurological Surgeons controls the content and production of this CME activity and attempts to ensure the presentation of balanced, objective information. In accordance with the Standards for Commercial Support established by the Accreditation Council for Continuing Medical Education (ACCME), faculty, abstract reviewers, paper presenters/authors, co-authors, planning committee members, staff and any others involved in planning the educational content and the significant others o those mentioned must disclose any relationships they or their co-authors have with commercial interests which may be related to their content. The ACCME defines "relevant financial relationships" as financial relationships in any amount occurring within the past 12 months that create a conflict of interest.

The following persons planned or contributed to the planning of this CME activity:

Hazem Eltahawy, MD

Erin Brede, Event Planner

FACULTY DISCLOSURE LISTING

Those who have disclosed a relationship* with commercial interests are listed below:

*Relationship refers to receipt of royalties, consultantship, funding by research grant, receiving honoraria for educational services elsewhere, or any other relationship to a commercial interest that provides sufficient reason for disclosure.

Name	Disclosure	Type of Relationship
Jason Heth, MD	Northwest Biotherapeutics Tocagen	University Grants/Research Support
Andres Lozano, MD, PhD	Medtronic St. Jude Boston Scientific	Consultant Fee
Marc Moisi, MD	Synaptive	Consultant Fee
Mick Perez-Cruet, MD	Thompson MIS	Stock or Shareholder
Jason Schwalb, MD	Medtronic Guidepoint, LLC Bluerock	Industry Grant Support Consultant Fee Consultant Fee
Justin Singer, MD	Stryker Medtronic	Consultant Fee Consultant Fee

Faculty who have reported they do not have any relationships with commercial interests

- Karam Asmaro, MD
- Anthoy Avellino, MD
- Erin Brede
- Hazem Eltahawy, MD
- Richard Garling, MD
- Holly Gilmer, MD
- Jordan Grauer, MD
- Murali Guthikonda, MD
- Steven Kalkanis, MD
- Neena Marupudi, MD
- Lara Massie, MD
- Paul Mazaris, MD
- John Millard, PA
- Ashra Mirza, NP
- Aditya Pandey, MD
- Parag Patil, MD
- Sanjay Patra, MD
- Gary Rajah, MD
- Angela Ransom, NP
- Byron Gregory Thompson, MD

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