



# 2018 Midwest Spine Symposium

Friday & Saturday,  
September 21-22, 2018



Register at [www.ccfcmc.org/midwestspine18](http://www.ccfcmc.org/midwestspine18)



## Description

The 2018 Midwest Spine Symposium is an opportunity for regional spine surgeons to interact with each other, share skills and newly discovered techniques in a setting that promotes fellowship and improved patient care.

## Objectives

Upon completion of the 2018 Midwest Spine Symposium, the participant will be able to:

- Describe deformity measures and the various treatment techniques
- Discuss the developments and best practices in treating spine trauma
- Identify and discuss various treatment options as they relate to spine tumors
- Review out-of-the-box treatment options for unique clinical pathology
- Review the different approaches in treating the degenerative spine

## Call for Abstracts

Abstracts from residents are being solicited for the abstract session on September 22.

Notification of acceptance will be sent by September 7, 2018.

- Submission deadline: August 20, 2018. One entry per presenter.
- Submit your abstract as a Word Document to Martha Tobin at [tobinm@ccf.org](mailto:tobinm@ccf.org)
- 300 word limit



## Faculty

### Co-Directors

**Joseph Cheng, MD** – *University of Cincinnati*

**Frank Fahardi, MD** – *Ohio State University*

**Adam Kanter, MD** – *University of Pittsburgh Medical Center*

**Michael Steinmetz, MD** – *Cleveland Clinic*

### Keynote Speaker

**Joseph Maroon, MD** – *University of Pittsburgh Medical Center*

### Faculty

**Nduka Amankulor, MD** – *University of Pittsburgh Medical Center*

**Jonathan Belding, MD** – *MetroHealth Medical Center*

**Ed Benzel, MD** – *Cleveland Clinic*

**John Forbes, MD** – *University of Cincinnati*

**Gurpreet Gandhoke, MD** – *University of Pittsburgh Medical Center*

**Kojo Hamilton, MD** – *University of Pittsburgh Medical Center*

**Alia Hdeib, MD** – *University Hospitals of Cleveland*

**Michael Kachmann, MD** – *Mayfield Clinic*

**Iain Kalfas, MD** – *Cleveland Clinic*

**Manish Kasliwal, MD** – *University Hospitals of Cleveland*

**Michael Kelly, MD** – *MetroHealth Medical Center*

**Ajit Krishnaney, MD** – *Cleveland Clinic*

**Tim Moore, MD** – *MetroHealth Medical Center*

**Tom Mroz, MD** – *Cleveland Clinic*

**Rani Nasser, MD** – *University of Cincinnati*

**David Okonkwo, MD** – *University of Pittsburgh Medical Center*

**Doug Orr, MD** – *Cleveland Clinic*

**Dom Pelle, MD** – *Cleveland Clinic*

**Jason Savage, MD** – *Cleveland Clinic*

**Rich Schlenk, MD** – *Cleveland Clinic*

**Zach Tempel, MD** – *Mayfield Clinic*

**Bill Tobler, MD** – *Mayfield Clinic*



## Friday, September 21, 2018

7:00a-7:10a **Welcome** – Michael Steinmetz, Frank Fahardi, Adam Kanter, Joe Cheng

### Trauma Debates

**Moderator: Michael Steinmetz**

7:10a-7:40a **Contiguous Compression Fractures in the Elderly**

**Kyphoplasty** – Rich Schlenk

**Percutaneous Pedicle Screws** – Jonathan Belding

**Discussion**

7:40a-8:10a **Traumatic Central Cord Syndrome Without Fracture**

**Immediate Surgical Decompression** – Tim Moore

**Delayed Surgical Decompression** – Ed Benzel

**Discussion**

8:10a-8:40a **Thoracolumbar Burst Without Neurologic Deficit**

**Non-Operative Therapy** – John Forbes

**Surgery Include MIS** – Michael Kachmann

8:40a-9:00a **Trauma Case Discussions** – Dom Pelle/Mike Kelly

9:00a-9:15a **Break**

9:15a-9:45a **Keynote Address: Traumatic Spinal Injury/Return to Play in the Athlete** – Joe Maroon, UPMC

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**Friday, September 21, 2018**

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**Degenerative**

**Moderator: Adam Kanter**

- 9:45a-10:00a **Adjacent Level Disease: Why Arthroplasty Would Have Been Better** – Bill Tobler
- 10:00a-10:15a **Arthroplasty Failure: Why Fusion Would Have Been Better** – Iain Kalfas
- 10:15a-10:30a **Cervical Foraminotomy: An Effective Treatment for Radiculopathy** – Tom Mroz
- 10:30a-10:45a **CSM: Impact of Cervical SVA on Clinical Outcomes** – Ed Benzel
- 10:45a-11:00a **Cervical Cases and Panel Discussion** – Tom Mroz
- 11:00a-11:15a **Grade I Spondylolisthesis and Stenosis: To Fuse or Not To Fuse** – Manish Kasliwal
- 11:15a-11:30a **Grade I-II Spondylolisthesis: Is MIS Lateral an Appropriate Treatment** – Adam Kanter
- 11:30a-11:45a **L5/S1 Spondylolisthesis and L5 Radiculopathy: Treatment with ALIF and Percutaneous Screws** – Doug Orr
- 11:45a-12:00p **Degenerative Cases and Panel Discussion** – Adam Kanter
- 12:00p-1:00p **Lunch with Keynote Speaker Joe Maroon**

**Deformity**

**Moderator: Frank Fahardi**

- 1:00p-1:20p **Primer on Thoracolumbar Deformity Measurements and Decision-Making** – Jason Savage
- 1:20p-1:40p **Surgical Approaches in Thoracolumbar Deformity** – David Okonkwo
- 1:40p-2:00p **Blood Salvage Techniques in Complex Spine Surgery** – Zach Tempel
- 2:00p-2:20p **Proximal Junctional Kyphosis: What Is It and Can It Be Avoided** – Kojo Hamilton
- 2:20p-2:40p **Deformity Cases and Panel Discussion** – Doug Orr, Jason Savage, David Okonkwo, Zach Tempel, and Kojo Hamilton
- 2:40p-3:00p **Break**

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## Friday, September 21, 2018

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### Tumor

**Moderator: Alia Hdeib**

- 3:00p-3:20p **Intramedullary Spinal Cord Tumors: What's New in Their Management** – Ed Benzel  
3:20p-3:40p **Primary Bony Tumors of the Spine: Diagnosis and Management** – Alia Hdeib  
3:40p-4:00p **Metastatic Spine Tumors: Role of Separation Surgery** – Ajit Krishnaney  
4:00p-4:20p **Enbloc Surgery for Sacral Tumors: How I Do It** – Rani Nasser  
4:20p-4:40p **Update on Immunobiology and Research for Treatment of Spine Tumors** – Nduka Amankulor  
4:40p-5:00p **Tumor Cases** – Ajit Krishnaney  
7:00p-9:00p **Reception at The Corner Alley**

## Saturday, September 22, 2018

### Special Topics

**Moderator: Joe Cheng**

- 8:00a-8:20a **Endoscopic Lumbar Decompression** – Mike Steinmetz  
8:20a-8:40a **Awake Extraforaminal Lumbar Interbody Fusion** – Mike Steinmetz  
8:40a-9:00a **Robotic Assisted Spine Surgery** – David Oknoknwo  
9:00a-9:20a **Intraoperative Monitoring: Evidence and Recommendations** – Joe Cheng  
9:20a-9:40a **The Future of ASCS in Spine Surgery** – Bill Tobler  
9:40a-10:00a **Cost Effectiveness Studies – Are They Helping or Hurting Our Cause?** – Gurpreet Gandhoke  
10:00a-10:15a **Break**

### Resident Abstract Presentations (Non-CME)

**Moderator: Rani Nasser**

- 10:15a-12:05p **Abstract Presentations** – Residents From Each Program  
• 11 Slots, 10 Minutes Each



# 2018 Midwest Spine Symposium

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## Location

Cleveland Clinic Lutheran Hospital  
1730 W. 25th Street, Cleveland, OH 44113

## Lodging

Cleveland Marriott Downtown at Key Center, 1360 West Mall Drive, Cleveland, OH 44114  
Phone: 216.696.9200

Hotel reservations are separate from the course registration and are the responsibility of the participant. The Cleveland Clinic Midwest Spine Symposium group rate is \$145 USD/night + 16.5% tax. The cut-off date for the special rate is Friday, September 7, 2018.

The hotel is located 12 miles NE from Cleveland Hopkins International Airport. Public transportation through the RTA is available from the airport to Tower City.

## Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 10.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Nurses are able to obtain CE that has been approved or provided by a nationally recognized accreditation system of continuing education. Examples include:

- The American Nurses Credentialing Center (ANCC)
- The Accreditation Council for Continuing Medical Education (ACCME)
- The International Association for Continuing Education and Training (IACET)

## Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

## Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Shana Spade at 216.444.9380 at least two weeks prior to the activity.

For additional information: Ms. Martha Tobin – [tobinm@ccf.org](mailto:tobinm@ccf.org); (phone) 800.223.2273 ext. 53449; (fax) 216.445.9908



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Register and Pay Online at [ccfcme.org/midwestspine18](http://ccfcme.org/midwestspine18)

Fee includes: continental breakfasts, refreshment breaks, lunch and reception on Friday, and syllabus.

## Course Registration Fees

|                   |         |
|-------------------|---------|
| Physicians:       | \$75.00 |
| Non-Physician:    | N/A     |
| Residents/Fellow: | \$75.00 |

## Registration and Cancellation

Register online at [www.ccfcme.org/midwestspine18](http://www.ccfcme.org/midwestspine18).

Preregistrations are accepted online until **5:00 PM ET Monday, September 17, 2018**. To register after this date, please contact Shana Spade at 216.444.9380 or [spades@ccf.org](mailto:spades@ccf.org). In case of cancellation, a full refund will be made if canceled by September 17, 2018. NO REFUNDS WILL BE ISSUED AFTER September 17, 2018.

For questions about registering online, call 216.448.8710 or email [cmeregistration@ccf.org](mailto:cmeregistration@ccf.org).