

# Cleveland Spine Review World Spine Jamaica



May 7-9, 2014

Montego Bay  
Jamaica



Location – Hilton Rose Hall Resort



In joint sponsorship with



**Cleveland Spine Review - World Spine Jamaica** is a comprehensive course emphasizing the fundamentals of spine surgery, particularly biomechanical considerations, and the surgery decision-making process.

Participants discuss surgical techniques and strategies for a range of procedures including occipitocervical, cervical, thoracic, and lumbar fixation techniques. Complex surgical exposures in all regions of the spine are emphasized. Led by experienced faculty, the two and one-half day course held May 7-9, 2014, examines the multiple adjuncts to surgery, including soft tissue and bone retractors and distractors, minimally invasive surgical techniques, spinal implants and dissection tools. Non-operative strategies are also emphasized.

## Location

**Hilton Rose Hall Resort**  
Montego Bay, Jamaica

## Hotel Accommodations

A block of rooms has been reserved at the **Hilton Rose Hall Resort** in Montego Bay, Jamaica, until **April 4, 2014**. To make your reservations, contact the Hotel Reservations Department at **1.866.799.3656**, identifying yourself as being with the World Spine Meeting.

The special all-inclusive rate of \$275 USD (single occupancy) or \$365 USD (double occupancy) includes all taxes, all food – including three meals per day, poolside dining and late-night snacks, all beverages – including house brand liquor, draft beer, wine by the glass, frozen cocktails and non-alcoholic drinks, access to swimming pools and fitness center and all non-motorized water sports equipment. Additional adults (age 13 and older) are \$90 each per day. There is no charge for children 12 and under. This rate is available from April 30-May 11, 2014 pending room availability.

## Meeting Registration and Cancellation:

Registrations will only be accepted at [www.ccfme.org/WorldSpine6](http://www.ccfme.org/WorldSpine6). The deadline for registration is **5:00 pm (EST), Wednesday, April 23, 2014**. A request for a cancellation must be received in writing by April 4, 2014. **No refunds will be given after April 4, 2014**. A \$50 cancellation fee will be deducted from the refund for all cancellations.

For questions about registration, please call 216.448.0777 or email [cmeregistration@ccf.org](mailto:cmeregistration@ccf.org).

## Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Cleveland Clinic Foundation Center for Continuing Education and the World Spinal Column Society. The Cleveland Clinic Foundation Center for Continuing Education is accredited by the ACCME to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 19 *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.

## 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.





# Cleveland Spine Review - World Spine Jamaica

## Directors

### **World Spine 6**

#### **Mehmet Zileli, MD**

Ege University  
Turkey

### **Cleveland Spine Review World Spine Jamaica**

#### **Edward Benzel, MD**

Cleveland Clinic  
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## Scientific Program Directors

#### **Marc Eichler, MD**

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#### **Richard Schlenk, MD**

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#### **Doug Orr, MD**

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#### **Greg Trost, MD**

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## Faculty

#### **Lilyana Angelov, MD**

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#### **Abdelfattah Saoud, MD, PhD**

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Egypt

#### **Salman Sharif, MD**

Liaquat National Hospital  
Pakistan

#### **Michael Steinmetz, MD**

Case Western Reserve School  
of Medicine  
United States

## Learning Objectives

- Utilize problem-based decision-making to develop logical algorithms for solving complex spine problems.
- Employ physiological and surgical principles to spinal fusion and instrumentation.
- Apply anatomic and physiologic principles to the variety of surgical approaches available to access all regions of the spine.
- Evaluate available spine surgery instrumentation systems and appreciate the advantages of each, as well as the relative indications for their use
- Recognize the fundamental skills required to perform the most appropriate spine operation for any given clinical pathology, and to recognize one's own limitations in this regard.

## Target Audience

Neurosurgeons and Orthopaedic Spine Surgeons



**Register online only at**

**[www.ccfcmc.org/WorldSpine6](http://www.ccfcmc.org/WorldSpine6)**

Registration fee (in USD) includes meeting attendance, syllabus, morning and afternoon breaks, and the Gala Reception on May 6.

**Accommodations are separate and must be made by contacting the hotel directly.**

Category	World Spine 6 May 4-6, 2014	Cleveland Spine Review May 7-9, 2014	Both Programs May 4-9, 2014
Surgeons	\$650	\$650	\$1,000
Residents/ Fellows/ Non-surgeon Health Care Professionals	\$400	\$400	\$750

# Agenda

## Cleveland Spine Review – World Spine Jamaica

Tuesday, May 6

1900 **Gala Dinner Reception**

### Wednesday, May 7

0830 - 0900	Welcome and Introduction	Edward Benzel
0900 - 0930	Biomechanics 101: Fundamentals	Edward Benzel
0930 - 1000	Craniocervical Pathologies and Approaches	Greg Trost
1000 - 1030	Break	
1030 - 1100	Craniocervical Stabilization	Greg Trost
1100 - 1130	Cervical Trauma and Cervical Stenosis	Salman Sharif
1130 - 1200	Cervical Spine: Ventral and Dorsal Approaches and Techniques Case Discussion	Sait Naderi
1200 - 1330	Lunch	
1330 - 1415	Biomechanics 201: Instrumentation and Construct Design	Michael Steinmetz
1415 - 1445	Cervical Deformity	Edward Benzel
1445 - 1500	Break	
1500 - 1530	Biomechanics 301: Back Pain Fusion and Motion Preservation	Edward Benzel
1530 - 1600	Cervical Arthroplasty: Options and Evidence	Greg Trost
1600 - 1730	Case Discussions	All Faculty

### Thursday, May 8

0800 - 0830	Surgery of the Geriatric Spine	Doug Orr
0830 - 0900	Spine Tumor: Evaluation and Treatment Options	Mehmet Zileli
0900 - 0930	Spinal Radiosurgery	Lilyana Angelov
0930 - 1000	Exposures and Techniques Cervicothoracic Junction	Richard Schlenk
1000 - 1030	Dorsal Thoracic and Lumbar Instrumentation	Marc Eichler
1030 - 1045	Break	
1045 - 1115	Ventral Exposures and Techniques Thoracolumbar Spine	Marc Eichler
1115 - 1145	Case Discussions	All Faculty
1145 - 1300	Lunch	
1300 - 1330	Interbody Fusion Indications and Techniques	Richard Schlenk
1330 - 1400	Scoliosis: Diagnosis, Classification Measurement and Decision Making	Doug Orr
1400 - 1430	Degenerative Spondylosis and Scoliosis	Richard Schlenk
1430 - 1445	Break	
1445 - 1515	Iatrogenic Deformity: Prevention	Michael Steinmetz
1515 - 1545	Deformity Correction Techniques	Doug Orr
1545 - 1600	Lumbosacral Fixation Techniques	Abdelfattah Saoud
1600 - 1730	Case Discussions	All Faculty

### Friday, May 9

0800 - 0830	MIS Decompression Techniques	Ioannis Polythodorakis
0830 - 0900	MIS Fusion Techniques	Luiz Pimenta
0900 - 0930	MIS in Deformity and Trauma	Jean Charles LeHuec
0930 - 1000	Vertebral Augmentation Options and Evidence	Doug Orr
1000 - 1030	Break	
1030 - 1300	Case Discussions	All Faculty
1300	Adjourn	



**Location:**  
**Hilton Rose Hall Resort**  
**Montego Bay, Jamaica**