



21<sup>ST</sup> ANNUAL  
**SELBY SPINE  
CONFERENCE**

January 31, 2018 - February 3, 2018 • Westgate Park City • Park City, UT



### **SPECIAL GUEST CHAIRMEN**

**Wellington Hsu, MD**  
Chicago, IL

**Alexander Vaccaro, MD, PhD, MBA**  
Philadelphia, PA

### **COURSE DIRECTORS**

**Jean-Jacques Abitbol, MD,  
FRCS**  
San Diego, CA

**Richard Fessler, MD**  
Chicago, IL

**Pierce Nunley, MD**  
Shreveport, LA

**John Small, MD**  
Tampa, FL

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FOUNDATION for ORTHOPAEDIC  
RESEARCH and EDUCATION

## SPECIAL GUEST CHAIRMEN



### **Wellington Hsu, MD**

Clifford C. Raisbeck Distinguished Professor of Orthopaedic Surgery  
Northwestern Memorial Hospital  
Chicago, IL



### **Alexander R. Vaccaro, MD, PhD, MBA**

Richard H. Rothman Professor and Chairman, Department of Orthopaedic Surgery  
Professor of Neurosurgery  
Co-Director, Spinal Cord Injury Center of the Delaware Valley  
Co-Chief of Spine Surgery  
Sidney Kimmel Medical College at Thomas Jefferson University  
President, Rothman Institute  
Philadelphia, PA

## COURSE DIRECTORS



### **Jean-Jacques Abitbol, MD, FRCSC**

Director, Medical Education  
North American Spine Society  
California Spine Group  
San Diego, CA



### **Richard Fessler, MD, PhD**

Professor of Neurosurgery  
Rush University Medical Center  
Chicago, IL



### **Pierce Nunley, MD**

Medical Director  
Spine Institute of Louisiana  
Louisiana State University Health Sciences Center  
Shreveport, LA



### **John Small, MD**

Orthopaedic Surgeon  
Florida Orthopaedic Institute  
University of South Florida  
Tampa, FL

# INVITED FACULTY

## **Neel Anand, MD**

Director, Spine Trauma  
Director, Spine Fellowship  
Cedars Sinai Medical Center  
Los Angeles, CA

## **Sonny Bal, MD, JD, MBA**

Professor of Orthopaedic Surgery  
University of Missouri School of Medicine  
Columbia, MO

## **Sigurd Berven, MD, PhD, FRCSC, FACS**

Associate Professor in Residence  
Director of Fellowship and Resident Education  
Department of Orthopaedics  
University of California San Francisco  
San Francisco, CA

## **Shay Bess, MD**

Orthopaedic Spine Surgeon  
Denver International Spine Center  
Denver, CO

## **Tony Bozzio, MD**

Spine Surgeon  
Texas Back Institute  
Plano, TX

## **Adam Bruggeman, MD**

Spine & Orthopedic Surgeon  
Methodist Healthcare  
San Antonio, TX

## **Reginald Davis, MD, FACS**

Neurosurgeon  
Director of Clinical Research  
Laser Spine Institute  
Tampa, FL

## **Ken Gall, PhD**

Professor and Chair  
Mechanical Engineering and  
Materials Science (MEMS)  
Pratt School of Engineering  
Duke University  
Durham, NC

## **Richard D. Guyer, MD**

Orthopaedic Spine Surgeon  
Director, Spine Fellowship Program  
Co-Founder, Texas Back Institute  
Plano, TX

## **Mark D. Hiatt, MD, MBA, MS**

Executive Medical Director  
Regence BlueCross BlueShield of Utah  
Salt Lake City, UT

## **Eric Muehlbauer, MJ, CAE**

Executive Director  
North American Spine Society  
Burr Ridge, IL

## **Rick Sasso, MD**

Founding Member and President  
Indiana Spine Group  
St. Vincent Spine Center  
Carmel, IN

## **Jason Savage, MD**

Spine Surgeon  
Cleveland Clinic  
Cleveland, OH

## **Farhan Siddiqi, MD**

Co-Founder  
Trinity Spine Center  
Odessa, FL

## **Paul Slosar, MD**

President  
Spine Care Medical Group  
Spine Care Institute of San Francisco  
San Francisco, CA

## **Harvey Smith, MD**

Assistant Professor of Orthopaedic Surgery  
Assistant Professor of Neurosurgery  
Hospital of the University of Pennsylvania and the  
Veteran's Administration Medical Center  
Philadelphia, PA

## **Andrew Utter, MD**

Neurosurgeon  
Spine Institute of Louisiana  
Shreveport, LA

## **Marc A. Weinstein, MD**

Assistant Professor of Sports Medicine and  
Orthopaedics  
University of South Florida Morsani  
College of Medicine  
Florida Orthopaedic Institute  
Tampa, FL

# REGISTRATION OPTIONS

1 | Online: [ForeOnline.org](http://ForeOnline.org)

2 | Phone: 813-877-8096

	On or Before 1/08/2018	After 1/08/2018
Registration Fees	\$300.00	\$400.00
Residents/Fellows	Call for Scholarship Information	
Welcome Reception Guest Fee	\$35.00	\$35.00

Registration fees include course materials, break, breakfast, après ski, and an evening welcome reception for the participants only. No registration is confirmed without full payment.

## HOTEL ACCOMMODATIONS

### Westgate Park City

3000 Canyons Resort Dr

Park City, UT 84098

Reservation Phone: (435) 940-9444

For our meeting dates, a limited block of rooms has been reserved at special group rates starting at \$315/night, plus the current tax rate and applicable resort fees. Please reserve your room by January 17, 2018, and mention "FORE Selby Spine Meeting" to receive the group rate. Please call the Reservation Phone listed directly above to book your stay!

## DISABILITIES

Please notify the Continuing Medical Education Office, 4115 W Spruce Street, Tampa, FL 33607 or call 813-877-8096 a minimum of 10 working days in advance of the event if a reasonable accommodation for a disability is needed. Events, activities, and facilities of Foundation for Orthopaedic Research and Education are available without regard to race, color, sex, national origin, disability, age, or veteran status, as provided by the law and in accordance with FORE's respect for personal dignity.

## REFUND POLICY

Cancellation notification must be in writing (email [CME@FOREonline.org](mailto:CME@FOREonline.org)) and received by the close of business on January 8, 2018. A cancellation fee of \$50 will be assessed. Cancellations received after January 8, 2018, will not receive a refund. No-shows will not receive a refund.

FORE reserves the right to cancel this program due to unforeseen circumstances, in which case a full refund of registration fees will be made to paid registrants. FORE will not be responsible for travel expenses incurred by the participant in the unlikely event that the program is cancelled.

# AGENDA (SUBJECT TO CHANGE)

## WEDNESDAY, JANUARY 31, 2018

6:00 PM Registration

6:30 PM Welcome Reception

## THURSDAY, FEBRUARY 1, 2018

### 6:30 AM REGISTRATION & BREAKFAST

#### SESSION I - FUTURE OF HEALTHCARE - *Alex Vacarro, MD, PhD, MBA*

7:00 AM Welcome Remarks - *Alex Vacarro, MD, PhD, MBA*

7:10 AM Update on Legislative Changes to National Healthcare: Q & A  
- *Richard Fessler, MD*

7:30 AM Should I try for an APM or Stick with MIPPS? - *Sonny Bal, MD, JD, MBA*

8:10 AM Update NASS - *Eric Muehlbauer, MD*

8:40 AM The Bundle Care Initiative: How it Relates to Spine Surgery - *Rick Sasso, MD*

9:10 AM Discussion/Q&A

### 9:30 AM MORNING SESSION ADJOURNS

### 3:30 PM APRÈS SKI & EXHIBITS

#### SESSION II - CERVICAL SPINE - *Wellington Hsu, MD*

4:00 PM Should we all be using the EOS Machine for Spinal Alignment - *Jason Savage, MD*

#### Debate

4:15 PM One Should Always get a Full Body Scan Before any Spinal Procedure to Understand Spinal Alignment - *Shay Bess, MD*

4:30 PM That's Ridiculous. There are Only a Few Measurements that are Important and Why Waste Money and Resources? - *Mark D. Hiatt, MD*

4:45 PM Cervical Disk Arthroplasty: What's Approved and are There Differences?  
- *Rick Guyer, MD*

4:55 PM Rebuttal: All Arthroplasty Devices Are the Same - *Marc Weinstein, MD*

5:05 PM Discussion/Q&A

#### Debate

5:15 PM Robotics Are Here to Stay but There Differences in Design - *Sigurd Berven, MD*

5:30 PM Robotics are a Waste of Money and Will Go the Way of Typical Navigational Systems-In the Closet - *Pierce Nunley, MD*

5:45 PM Rebuttal #1 - *Sigurd Berven, MD*

5:50 PM Rebuttal #2 - *Pierce Nunley, MD*

5:55 PM Discussion/Q&A

6:10 PM Case Presentation and Discussion - *Jean Jacques Abitbol, MD*

7:00 PM **ADJOURN FOR THE DAY**

## FRIDAY, FEBRUARY 2, 2018

6:30 AM BREAKFAST

### SESSION III- EMERGING TECHNOLOGIES - *Pierce Nunley, MD*

- 7:00 AM Techniques of Dural Repair - *Richard Fessler, MD*
- 7:15 AM Disc Repair Technologies - *Adam Bruggeman, MD*
- 7:30 AM Discussion/Q&A
- 7:40 AM Surfacing Technologies - *Paul Slosar, MD*
- 7:55 AM Discussion/Q&A
- 8:05 AM Porous PEEK Technologies - *Ken Gall, PhD*
- 8:20 AM Discussion/Q&A
- 8:30 AM Is There Value in Surgery For Adult Spinal Deformity? - *Shay Bess, MD*
- 8:45 AM Discussion/Q&A
- 9:00 AM MIS Techniques for Sagittal Plane Correction in Adult Degenerative Deformity - *Neel Anand, MD*
- 9:20 AM Discussion/Q&A

9:30 AM MORNING SESSION ADJOURNS

3:30 PM APRÈS SKI & EXHIBITS

### Session IV- Deformity - *Jason Savage, MD*

#### Debate

- 4:00 PM Should SI Joint Fusion be Done Routinely in Ones Spine Practice - *Tony Bozzio, MD*
- 4:15 PM No, It Shouldn't: Only in Rare Cases - *Wellington Hsu, MD*
- 4:30 PM Rebuttal #1 - *Tony Bozzio, MD*
- 4:35 PM Rebuttal #2 - *Wellington Hsu, MD*
- 4:40 PM Discussion/Q&A
- 5:00 PM Sagittal Balance - *Sigurd Berven, MD*

#### Debate

- 5:20 PM MIS Will Replace Most Open Surgery in Deformity Procedures - *Reginald Davis, MD*
- 5:35 PM MIS is a Passing Fad and it's Limitations Will Kill it in Deformity Procedures - *Alex Vacarro, MD, PhD, MBA*
- 5:50 PM Rebuttal #1 - *Reginald Davis, MD*
- 5:55 PM Rebuttal #2 - *Alex Vacarro, MD, PhD, MBA*
- 6:00 PM Discussion/Q&A
- 6:20 PM Is PSO Necessary or Too Morbid? - *Farhan Siddiqi, MD*
- 6:35 PM Case Presentation/ Discussion - *John Small, MD*
- 7:00 PM ADJOURN FOR THE DAY

## SATURDAY, FEBRUARY 3, 2018

6:30 AM BREAKFAST

### SESSION V - SPINAL BIOLOGICS / MY WORST COMPLICATIONS - *Wellington Hsu, MD*

7:00 AM Stem Cells for Bony Fusion: What Does the Data Say? - *John Small, MD*

7:15 AM Bone Graft Technologies on the Horizon - *Wellington Hsu, MD*

7:30 AM Intervertebral Disc Regeneration Strategies – Clinical Evidence - *Harvey Smith, MD*

7:45 AM Are allografts better than they used to be? - *Andrew Utter, MD*

8:00 AM Discussion

8:15 AM My Worst Complications

9:30 AM Discussion/Q & A/Closing Remarks

10:00 AM COURSE ADJOURNS

## COURSE DESCRIPTION

The Selby Spine Conference is designed for surgeons with a special interest in the treatment of spinal disorders. The latest advances and controversies in the field will be presented through didactic lectures, open discussions, debates, and case presentations. Selby Spine grew out of the Keystone Meeting that Dr. David Selby began in Keystone, Colorado, in 1986.

## COURSE OBJECTIVES

Upon completion of this course, participants should be able to:

- **Evaluate** and discuss treatment options for complex and challenging deformity cases
- **Assess** the current trends in imaging and emerging technologies
- **Compare** evidence of cervical spine care options
- **Assess** the general healthcare marketplace and legal landscape as it relates to spine surgery

## TARGET AUDIENCE

Neuro and orthopaedic spine surgeons and other healthcare professionals whose scope of practice includes spine surgery.

## ACCREDITATION

The Foundation for Orthopaedic Research & Education (FORE) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

FORE designates this live activity for a maximum of 12.5 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



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