

INVITED FACULTY

COURSE DIRECTOR

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Attending, Neurosurgeon & Executive Committee
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Chief, Neurosurgery
Greater Baltimore Neurosurgical
Associates
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Towson, MD

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Orthokinetic Testing Technologies
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NYU School of Medicine
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Texas Back Institute
Plano, TX

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Chairman of the Board
Texas Back Institute
Plano, TX

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Spine Institute of San Diego
San Diego, CA

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Orthopaedic Surgeon
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Tampa, FL

Isador Lieberman, MD, MBA, FRCSC

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FORE
Tampa, FL

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Director, Research
FORE
Tampa, FL

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Orthopaedic Surgeon
Trinity Musculoskeletal Institute
Odessa, FL

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Athens Orthopedic Clinic
Athens, GA

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Centinel Spine, Inc.
New York, NY

William Welch, MD

Professor & Vice Chair
University of Pennsylvania
Philadelphia, PA

Robin Young, CFA

President & CEO
RRY Publication & Pearl Diver Technologies
Wayne, PA

Jack Zigler, MD

Orthopaedic Surgeon
Texas Back Institute
Plano, TX

FACULTY DISCLOSURE

Current guidelines state that the participants in CME activities should be made aware of any affiliation or financial interests that may affect the speaker's presentation and/or the discussion of off-label therapies. Each speaker has been requested to complete a faculty disclosure statement. The names of speakers declaring potential conflict of interests or those who will be discussing any off-label, experimental or investigational use of drugs or devices in their presentations will be printed in the course syllabus.

AGENDA

CURRENT SOLUTIONS IN SPINE SURGERY

DUCK KEY, FLORIDA

HAWKS CAY

APRIL 2-5, 2014

Wednesday, April 2, 2014

7:00 PM Welcome Reception

Lagoon

Thursday, April 3, 2014

7:00 AM Breakfast with Exhibitors

7:30 AM Welcome Introduction

Antonio Castellvi, MD

Session I - Biomechanics

Moderator: Antonio Castellvi, MD

7:45 AM One and Two Level Stand Alone Aniruddh Nayak, MS
7:55 AM Anterior Lumbar Cage Fixation Boyle Cheng, PhD
8:05 AM Evaluation of Bone Graft Substitutes in the Athymic Rat Posterolateral Lumbar Fusion Model Celeste Abjornson, PhD
8:10 AM Biomechanics of New and Emerging Motion-Sparing Technologies in the Lumbar Spine Brandon Santoni, PhD
8:20 AM Expandable Interbody Technology William Tally, MD
8:30 AM The Latest and Greatest in Biomaterials and Manufacturing Lisa Ferrara, PhD
8:40 AM Open Discussion Faculty Panel

Session II - State of the Nation

Moderator: Domagoj Coric, MD

9:00 AM Invited Lecture: State of the Marketplace Robin Young, CFA
9:10 AM Invited Lecture: TBD Stephen Hochschuler, MD
9:20 AM Invited Lecture: Sunshine Act John Viscogliosi
9:30 AM Invited Lecture: Value Sigurd Berven, MD
9:40 AM Open Discussion Faculty Panel
10:00 AM Refreshment Break with Exhibitors

Session III - Biologics

Moderator: Sigurd Berven, MD

10:30 AM Bone Grafting William Welch, MD
10:40 AM Nano Technologies Lisa Ferrara, PhD
10:50 AM Stem Cells Ira Fedder, MD
11:00 AM Stem Cell Fusion Tim Moseley, PhD
11:10 AM Platelet-Rich Fibrin Matrix as a Autologous Osteogenic Membrane to Aid in Fusion Celeste Abjornson, PhD
11:20 AM Biologics in Spine Surgery; Controversies and State of the Art Jean-Jacques Abitbol, MD, FRCSC
11:30 AM Open Discussion Faculty Panel
12:00 PM Adjourn to Non CME Lunch and Learn Lectures

Friday, April 4, 2014

7:00 AM Breakfast with Exhibitors

Session IV - Cervical Total Disc

Moderator: Rolando Garcia, MD

7:30 AM Cervical Total Disc Replacement Jack Zigler, MD
7:40 AM Adjacent Level Degeneration & Cervical Total Disc Replacement Domagoj Coric, MD
7:50 AM Extended Indications for Cervical TDR Jeffrey Goldstein, MD, FACS
8:00 AM Mobic C2 Level CTDR Reginald Davis, MD
8:10 AM Stand Alone ACDF vs. Plate and Screw Constructs Rick Guyer, MD
8:20 AM Anterior Cervical Discectomy and Fusion with Integrated Cages Paul Lane, MD
8:30 AM Multi-Level Stand Alone with Integrated Cages Ira Fedder, MD
8:40 AM Trans-Vertebral Decompression Ali Araghi, DO
8:50 AM Open Discussion Faculty Panel
9:10 AM Refreshment Break with Exhibitors



Session V - MIS Controversies

Moderator: Choll Kim, MD, PhD

9:30 AM	Anatomy of Kambin's Triangle	William Tally, MD
9:40 AM	Endoscopic Discectomy	Farhan Siddiqi, MD
9:50 AM	MIS & Xray Exposure	William Welch, MD
10:00 AM	Learning Curve	Antonio Castellvi, MD
10:10 AM	Open Discussion	Faculty Panel

Session VI - Controversies LY - 4 Adult Degenerative Spondylolisthesis

Moderator: Antonio Castellvi, MD

10:30 AM	Degenerative Spondylolisthesis with Deformity-MIS	Neel Anand, MD, MCh
10:40 AM	L4-5 Open TLIF/INSF	William Welch, MD
10:50 AM	L4-5 Lateral Approach	James Billys, MD
11:00 AM	Posterior Interspinous Plates	Ali Araghi, DO
11:10 AM	Case Presentations	Antonio Castellvi, MD
12:00 PM	Adjourn to Non CME Lunch and Learn Lectures	

Saturday, April 5, 2014

7:00 AM Breakfast with Exhibitors

Session VII - Complex Adult Deformity

Moderator: Richard Guyer, MD

7:30 AM	Biomechanics of the Sacroiliac Joint	Lisa Ferrara, PhD
7:45 AM	Indications for Sacroiliac Joint Fusion	Rolando Garcia MD
8:00 AM	Indirect Decompression	Antonio Castellvi, MD
8:15 AM	Mazor Experience	Isador Lieberman, MD, MBA, FRCSC
8:30 AM	Spinal Navigation with Intraoperative CT	Domagoj Coric, MD
8:45 AM	MIS Techniques for Adult Degenerative Scoliosis	Choll Kim, MD, PhD
9:00 AM	Anterior vs Posterior Sagittal Corrective	James Billys, MD
9:15 AM	Complications & Risk of Adult Spinal Deformity	Neel Anand, MD, MCh

Session VIII - Complications

Moderator: Neel Anand, MD, MCh

9:30 AM	Complications of Anterior Lumbar Interbody Fusion	William Welch, MD
9:45 AM	Laparoscopic L5/S1 Anterior Lumbar Interbody Fusion	Antonio Castellvi, MD
10:00 AM	Infections: An Evidence Based Approach to Avoidance and Management	Sigurd Berven, MD
10:15 AM	Voco Mylin Powder & Prevention of Deep Spinal Infections	James Billys, MD
10:30 AM	Complications of Lumbar Total Disc Replacement	Scott Blumenthal, MD
10:45 AM	Complications of CTDR	Jeffrey Goldstein, MD, FACS
11:00 AM	Complications of Deformity	Isador Lieberman, MD, MBA, FRCSC
11:15 AM	Complications of Lateral Approach	Jean-Jacques Abitbol, MD, FRCSC
11:30 AM	Complications of Post Pedicle Dynesys	Reginald Davis, MD
11:45 AM	Personal Demographics Service: Alive & Well	Rolando Garcia, MD
12:00 PM	Lumbar Total Disc Replacement: Alive & Well	Rick Guyer, MD
12:15 PM	Open Discussion	Faculty Panel

Course Adjourns

Accommodations

Duck Key is a composite of five islands where sparkling grand canals are traversed by ornate Venetian bridges, hinting of its European/West Indies heritage. Relax in a beautifully-furnished Caribbean style guest room or suite, or weave home-cooked memories in the charming villas. From encounters with dolphins to snorkeling the deep aqua waters, nowhere else in Florida can you find so much to do at one destination. Dare yourself with championship fishing, diving, parasailing and a panorama of water sports fun. Special group rates of \$215 - \$289 for regular guest rooms and \$329 for Villas plus the current tax rate and applicable resort fees are offered for our meeting dates. The room block cut-off date is March 1, 2014.

Reservations

To receive the special rate, please mention that you will be attending the Current Solutions in Spine Surgery Conference. To make reservations call Hawks Cay at 800 - 432 - 2242.

Transportation

The picturesque island of Duck Key rests 90 miles south of Miami between Islamorada and Marathon in the heart of the Florida Keys. Direct service between the Miami International Airport and Hawk's Cay is available through the "Keys Shuttle" which departs every two hours from the Miami airport. Reservations are required. Call 305 - 289 - 9997 or 888 - 765 - 9997 to make reservations.

Driving Directions

From Key West International Airport: Take US 1 North to Mile Marker 61 Right lane exit over bridge onto Duck Key. Resort entrance on the left hand side of Hawk's Cay Blvd. Travel time: approximately 1

hour, 61 miles. From Miami International Airport: As you drive out of Miami Airport, you should stay in the right lane of LeJeune Road. Around a 1/2 mile down LeJeune, you should see the "836 West" exit. Take 836 West to the "Florida Turnpike South" exit. The Turnpike will turn into US 1 South. Take US 1 South until Mile Marker 61 - Duck Key, home of Hawk's Cay. Make a left onto Duck Key and continue until you see Hawk's Cay entrance on the left. Proceed up the driveway to the resort. Approximately 90 miles.

Refund Policy

Cancellation notification must be in writing (fax to 813 - 558 - 6117 or email cmef@foreonline.org) and received by the close of business on March 2, 2014. A cancellation fee of \$50 will be assessed. Cancellations received after March 2, 2014 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 given to participants. FORE will not be responsible for travel expenses incurred by the participant in the unlikely event that the Program is cancelled.

Accommodations for Disabilities

Please notify the Continuing Medical Education Office, 13020 Telecom Parkway N, Tampa, FL 33637 or call 813 - 910 - 3652 a minimum of ten 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.



HAWKS CAY

61 HAWKS CAY BLVD., DUCK KEY, FLORIDA 33050
305-743-7000 WWW.HAWKSCAY.COM

APRIL 2-5, 2014
**CURRENT SOLUTIONS
IN SPINE SURGERY**
HAWKS CAY
DUCK KEY, FLORIDA

THREE CONVENIENT WAYS TO REGISTER

- 1** **ONLINE:** WWW.FOREONLINE.ORG
- 2** **PHONE:** 813-910-3652
- 3** **MAIL:** FORE 13020 TELECOM PARKWAY N.
TAMPA, FL 33637

REGISTRATION FORM

TYPE OF CREDIT REQUESTED

ON OR BEFORE 3/19/2014

AFTER 3/19/2014

☐ PHYSICIAN	\$500	\$600
☐ FELLOW, RESIDENT	\$400	\$500
☐ OTHER HEALTHCARE PROFESSIONALS	\$300	\$400
☐ INDUSTRY PROFESSIONAL	\$300	\$400

NAME

TITLE (MD, RN, ETC.)

SPECIALTY

GENDER:

☐ MALE

☐ FEMALE

ADDRESS

CITY

STATE

ZIP

PHONE NUMBER

FAX NUMBER

EMAIL ADDRESS

☐ YES, I WOULD LIKE TO RECEIVE FUTURE COMMUNICATION FROM FORE

- ☐ I WILL ATTEND THE WELCOME RECEPTION
☐ I WILL NOT ATTEND THE WELCOME RECEPTION
☐ I WILL BRING A GUEST TO THE WELCOME RECEPTION
(GUEST FEE \$35)*

CREDIT CARD: ☐ VISA ☐ MASTERCARD ☐ AMEX
IN THE AMOUNT OF \$

REGISTRATION QUESTIONS: 813-910-3652 OR
CME@FOREONLINE.ORG

REGISTRATION FEE INCLUDES COURSE MATERIALS,
WORKSHOPS, BREAKS, BREAKFAST, AND AN EVENING
WELCOME RECEPTION FOR THE PARTICIPANT ONLY.

*IN COMPLIANCE WITH THE ADVANCED CODE OF ETHICS,
A FEE OF \$35.00 WILL BE DUE FOR GUESTS WHO PLAN TO
ATTEND THE WELCOME RECEPTION.

CARD NUMBER

EXP. DATE

SECURITY CODE/ CVV

(AMEX 4 DIGITS ON FRONT MC/VISA 3 DIGITS ON BACK)

NAME ON CARD (PRINT)

SIGNATURE

☐ ENCLOSED IS MY CHECK MADE PAYABLE TO FORE.

COURSE DESCRIPTION

Current Solutions in Spine Surgery is designed for surgeons and non-operative clinicians with specific interest in disorders of the spine. Distinguished faculty will present the latest advances in the field, including complex reconstruction, artificial disc replacement, use of biologics, spine biomechanics, management of complications, treatment modalities for osteoporosis and emerging technologies. There will be ample time for question and answer sessions.

TARGET AUDIENCE

- ▶ Orthopaedic surgeons
- ▶ Neurosurgeons
- ▶ Physician assistants
- ▶ Nurse practitioners
- ▶ Orthopaedic nurses and neurosurgical nurses
- ▶ Assistants in orthopaedic, surgical and neurosurgical
- ▶ Medical Professionals whose scope of practice includes spine

LEARNING OBJECTIVES

UPON COMPLETION OF THIS PROGRAM, PARTICIPANTS SHOULD BE ABLE TO:

- ▶ **Assess and Critique** emerging techniques in comparison to current treatment options
- ▶ **Discuss** biomechanics in both cervical and lumbar spine and how fusion affects motion
- ▶ **Understand** the use of minimally invasive surgical approach in spine surgery
- ▶ **Employ** home useful surgical techniques to avoid complications in spine surgery
- ▶ **Demonstrate** concepts learned in robotic spine technology
- ▶ **Apply** decision making strategies for complex cervical and lumbar degenerative disc disease procedures

ACCREDITATION

PHYSICIANS: Foundation for Orthopaedic Research and 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 13.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PHYSICIAN ASSISTANTS: The American Academy of Physician Assistants (AAPA) accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

NURSES: For the purpose of recertification, the American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credits™* issued by organizations accredited by the ACCME.

AANS: The American Academy of Neurosurgeons (AANS) accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.



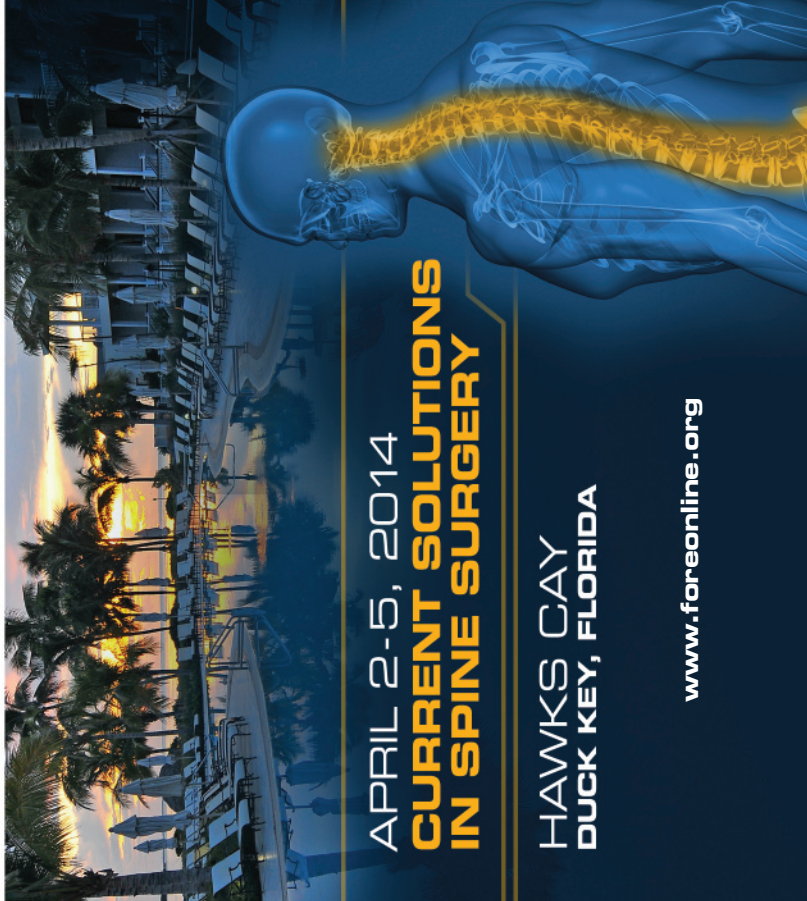


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