



MAY 7-9, 2015
CASTELLVI SPINE
HAWKS CAY
DUCK KEY, FLORIDA

COURSE DIRECTOR

JAMES B. BILLYS, MD

AFFILIATE ASSISTANT PROFESSOR
UNIVERSITY OF SOUTH FLORIDA
DIRECTOR, SPINE FELLOWSHIP
FLORIDA ORTHOPAEDIC INSTITUTE
TAMPA, FL

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fore

FOUNDATION for ORTHOPAEDIC
RESEARCH and EDUCATION



COURSE DESCRIPTION

Castellvi Spine 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, as well as special cadaveric labs.

TARGET AUDIENCE

Medical Professionals whose scope of practice includes spine such as:

- ▶ Orthopaedic surgeons
- ▶ Neurosurgeons
- ▶ Physician assistants
- ▶ Nurse practitioners
- ▶ Orthopaedic nurses and neurosurgical nurses
- ▶ Assistants in orthopaedic, surgical and neurosurgical

LEARNING OBJECTIVES

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

- ▶ **Assess and Critique** emerging techniques in comparison to current treatment options
- ▶ **Discuss** adult deformity and complications
- ▶ **Understand** the use of lumbar techniques in spine surgery
- ▶ **Employ** useful surgical techniques in total disc replacement surgery
- ▶ **Apply** decision making strategies to complex cervical and lumbar degenerative disc disease procedures

ACCREDITATION

PHYSICIANS: The 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 17.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For the purpose of recertification, the following organizations accept *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

- The American Academy of Neurosurgeons (AANS)
- American Nurses Credentialing Center (ANCC)
- The American Academy of Physician Assistants (AAPA)



INVITED FACULTY

COURSE DIRECTOR

James Billys, MD
Affiliate Assistant Professor
University of South Florida
Director, Spine Fellowship
Florida Orthopaedic Institute
Tampa, FL

KEYNOTE SPEAKER

Lou Piniella
Former MLB Player & Manager
Tampa, FL

INVITED FACULTY

Jean-Jacques Abitbol, MD, FRCS
Medical Director
California Spine Group
Medical Director
Spine Education & Research Center
North American Spine Society
San Diego, CA

Neel Anand, MD, MCh
Director, Spine Trauma
Director, Spine Fellowship
Cedars-Sinai Spine Center
Los Angeles, CA

Hyun Bae, MD
Director, Spine Education
Cedars-Sinai, Spine Center
Los Angeles, CA

Sigurd Berven, MD
Associate Professor in Residence
Director, Fellowship & Resident Education
University of California San Francisco
San Francisco, CA

Scott Blumenthal, MD
Attending
Texas Back Institute
Plano, TX

Alex Castellvi, MD
Neurosurgery
Allegheny General Hospital
Pittsburgh, PA

Nadeen Chahine, PhD
Director
Bioengineering-Biomechanics Laboratory
and Assistant Investigator
The Feinstein Institute for Medical Research
Assistant Professor of Molecular Medicine
and Neurosurgery
Hofstra North Shore LIJ Health System
Manhasset, NY

Boyle Cheng, PhD
Biomedical Engineering
Carnegie Mellon University
Assistant Professor of Neurosurgery
Drexel University
Pittsburgh, PA

Devin Datta, MD
Orthopaedic Surgeon
The B.A.C.K. Center
Melbourne, FL

Reginald Davis, MD
Director, Neurosurgery
Greater Baltimore Medical Center
Chief, Neurosurgery
Greater Baltimore Neurosurgical
Associates
Baltimore, MD

Ira Fedder, MD
Townson Orthopaedic Associates
Co-Director
Scoliosis and Spine Center of Maryland
Townson, MD

Alfredo Fernandez, MD
Chief Bariatric Surgeon
Tampa Bariatrics
Tampa, FL

Lisa Ferrara, PhD
President, Orthokinetic Technologies LLC
& Orthokinetic Testing Technologies
Soulport, NC

Rolando Garcia, MD
Chief, Orthopaedic Surgery
Aventura Hospital & Medical Center
Medical Director, Scoliosis
Screening Program
Dade County Schools
Miami, FL

Stephen Hochschuler, MD
Chairman of the Board
Texas Back Institute
Plano, TX

Rick Hynes, MD, FACS
President, The B.A.C.K. Center
Melbourne, FL

Robert Isaacs, MD
Neurosurgeon
Duke University
Durham, NC

Isador Lieberman, MD, MBA, FRCS
Professor
Cleveland Clinic Lerner College of Medicine
Texas Back Institute
Plano, TX

Alex Lukianov
Chairman of the Board
Chief Executive Officer
NuVasive, Inc.
San Diego, CA

Greg Mundis, MD
Orthopaedic Surgeon
San Diego Center for Spinal Disorders
La Jolla, CA

Chetan Patel, MD
Medical Director
Spine Health Institute
Section Chair
North American Spine Society
Altamonte Springs, FL

Brandon Santoni, PhD
Director, Department of Biomechanics
Foundation for Orthopaedic Research and
Education (FORE)
Tampa, FL

John Small, MD
Director, Spine Section
Florida Orthopaedic Institute
Director, Spine Section
Florida Hospital Carrollwood
Tampa, FL

Thomas Sweeney, II, MD, PhD
Southeastern Spine Center
Sarasota, FL

William Tally, MD
Assistant Professor
UGA/GRU School of Medicine
Athens Orthopedic Clinic
Athens, GA

Joseph Wasselle, MD
Vascular Surgeon
OSLER Medical Group
Melbourne, FL

Scott Webb, DO
Surgical Director
Florida Spine Institute
Clearwater, FL

Marc Weinstein, MD
Orthopaedic Surgeon
Florida Orthopaedic Institute
Tampa, FL

William Welch, MD
Professor & Vice Chair
University of Pennsylvania
Philadelphia, PA

Robin Young, CFA
President & CEO
RRY Publication & Pearl Diver Technologies
Wayne, PA

Joseph Zavatsky, MD
Director, Spine, Scoliosis & Deformity Institute
Director, Spine Fellowship
Florida Orthopaedic Institute
Tampa, FL

AGENDA CASTELLVI SPINE

MAY 7-9, 2015

HAWKS CAY

DUCK KEY, FLORIDA

WEDNESDAY, MAY 6, 2015

7:00 PM Welcome Reception

THURSDAY, MAY 7, 2015

6:30 AM Breakfast with Exhibitors

7:00 AM Welcome Introduction

Session I – Lumbar Techniques

Biomechanics TLIF vs. ALIF

Brandon Santoni, PhD

Debate: L4-5 Spondylolisthesis

Lateral Transposas

Neal Anand, MD, MCh

TLIF

Jean-Jacques Abitbol, MD, FRCSC

Debate: Lumbar Facet Cyst

1° Fusion

William Welch, MD

Laminectomy

Scott Webb, DO

Anatomy L4-5 & L5-S1 Fusion

Joseph Wasselle, MD

Oblique Lateral Fusion L4-5, L5-S1

Rick Haynes, MD, FACS

Expandable Cage Technology

William Tally, MD

Study KEOPS; Integration of Computer Database

Into Clinical Study

Faculty

Osteoporosis and 2nd Fractures

Ira Fedder, MD

Residency Programs in Orthopaedic Practices

John Small, MD

Clinical Management of High Risk Protocols

James Billys, MD

What it Means to be MIS Center of Excel

Joseph Zavatsky, MD

Navigation & Robotics; CT Guidance and WAV

Chetan Patel, MD

Discussion Q&A

Faculty Panel

Case Presentations

Session II – Adult Deformity

Planning Sagittal Coronal Balance; Intraoperatively

Neal Anand, MD, MCh

Multilevel ALIF Three Column Osteotomy

Faculty

Anterior Reconstruction ALL Release

Faculty

Stand Alone Anterior Reconstruction

Thomas Sweeney, II, MD, PhD

Posterior Pedicle Subtraction Osteotomies

John Small, MD

Combined Anterior ACR with Posterior Reconstruction

Robert Isaacs, MD

Osteoporosis and Anterior/Posterior Reconstruction

James Billy, MD

Incidence and Prevention of Junctional Kyphosis

Sigurd Berven, MD

Complications with Deformity

Faculty

Value in Scoliosis Reconstruction

Sigurd Berven, MD

Case Presentations and Discussion

Faculty Panel

Special Session - Cadaveric Workshop Space Limited

OLIF L4-5/L5-S1

James Billys, MD

Joseph Wassell, MD

Rick Hynes, MD

Devin Datta, MD

FRIDAY, MAY 8, 2015

7:00 AM Breakfast with Exhibitors

Session III - Biologics

Background of Cellular Biologics of the Spine

Nadeen Chahine, PhD

Clinical Experience with Past and Present Clinical Trials

Hyun Bae, MD

Current Evidence on Commercially Available Cellular Biologics
Past Experiences and Future Directions in Lab and Clinically

Ira Fedder, MD
Sigurd Berven, MD

Session IV - Value in Medicine; State of the Present Court Policies

Industry Overview
How Do Companies Fit Into the Ever Changing Environment?
Insurance Company International
Will ASC Surgery Replace Most Hospital Based Surgery?
Future of Health Care; Quality of Care vs. Value of Care

Robin Young, CFA
Alex Lukianov
Faculty
William Tally, MD
Sigurd Berven, MD

Keynote Address: Leadership

Lou Piniella

Special Session - Cadaveric Workshop Space Limited

Spinal Cord Stimulation
Kyphoplasty
Posterior Cortical Screws
Navigation System

Faculty
Faculty
Devin Datta, MD
Chaten Patel, MD

SATURDAY, MAY 9, 2015

7:00 AM Breakfast with Exhibitors

Session V - Motion Technology

Biomechanics of Emerging Motion Technology
Normal Range of Motion in the Cervical Spine
Sagittal Balance in the Cervical Spine
Cervical Total Disc Replacement
Sagittal Alignment and Cervical TDR
Multilevel Cervical TDR vs. Fusion
Cervical Ad1 Level; Fusion vs. TDR
Lumbar Total Disc Replacement vs. Fusion
Hybrid TDR and Fusion
Complications with TDR Heterotopic Ossification
Facet Replacement
Interspinous Range of Motion/ Coflex

Brandon Santoni, PhD
Boyle Cheng, PhD
John Small, MD
Scott Blumenthal, MD
Faculty
Reginald Davis, MD
Rick Guyer, MD
Rolando Garcia, MD
Stephen Hochschuler, MD
Rick Guyer, MD
Neel Anand, MD, MCh
Reginald Davis, MD

Session VI - Lumbar

Lumbar Fixation; Biomechanics of Pedicle Screws, Translaminar Facet vs.
Anterior Stand Alone
Nanotech Implants
Lumbar Fix; Titanium Coated Implants
Lumbar Cortical Screws
Translaminar Facet Screws
Interspinous Fusion Devices
T-Rod Safewire
Radiation Less Ray
Anterior Lateral Plating
Weight Loss & Lumbar Surgery
12:00 PM Adjourn

Boyle Cheng, PhD
Lisa Ferrara, PhD
Marc Weinstein, MD
Devin Datta, MD
Alex Castellvi, MD
Reginald Davis, MD
Joseph Zavatsky, MD
Robert Isaacs, MD
Thomas Sweeney, II, MD, PhD
Alfredo Fernandez, MD

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 \$208 - \$292 for regular guest rooms and \$322 for Villas plus the current tax rate and applicable resort fees are offered for our meeting dates. The room block cut-off date is April 8, 2015.

Reservations

To receive the special rate, please mention that you will be attending the Castelli Spine 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.



HAWKS CAY

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



MAY 7-9, 2015 CASTELLVI SPINE HAWKS CAY DUCK KEY, FLORIDA



WAYS TO REGISTER

1ONLINE: FOREONLINE.ORG**2**

PHONE: 813-910-3652

TYPE OF CREDIT REQUESTED	ON OR BEFORE 4/9/2015	AFTER 4/9/2015
PHYSICIANS	\$500	\$600
FELLOWS AND OTHER HEALTHCARE PROFESSIONALS	\$250	\$350
INDUSTRY PROFESSIONALS	\$400	\$500
RESIDENTS	PLEASE CALL TO REGISTER	
WELCOME RECEPTION GUEST FEE	\$35	

REGISTRATION FEE INCLUDES COURSE MATERIALS, CADAVERIC WORKSHOPS (LIMITED SPACE AVAILABLE), BREAKS, BREAKFASTS, LUNCHES, AND AN EVENING WELCOME RECEPTION FOR THE PARTICIPANT ONLY.

Refund Policy

Cancellation notification must be in writing (fax to 813 - 558 - 6117 or email cme@foreonline.org) and received by the close of business on April 7, 2015. A cancellation fee of \$50 will be assessed. Cancellations received after April 7, 2015 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.



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Tampa, FL 33637

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