

Antonio E. Castellvi M.D.

An experienced Physician, with nearly thirty years of surgical experience, specializing in cervical, lumbar, and thorocolumbar procedures, degenerative disease and deformity, scoliosis, reconstruction, spinal cord injury, and motion preservation. Nationally and internationally recognized as an expert, actively participates in several research studies of the spine. A published author, and has presented extensively on multiple spine subjects and research findings. Has excellent communication and cross-cultural skills, speaking two languages fluently.

PERSONAL INFORMATION

Date of Birth November, 14
Place of Birth Havana, Cuba

LICENSURE INFORMATION

Medical License ME0031005
 State of Florida
 Expires: January 31, 2011

PROFESSIONAL & TEACHING ACTIVITIES

EMPLOYMENT HISTORY

Florida Orthopaedic Institute 13020 Telecom Parkway North Temple Terrace – Florida.	January 1996 - Present
Scoliosis & Surgery of the Spine (Private Practice) 1995 4308 North Habana Avenue Tampa – Florida.	December 1985 – December
Scoliosis & Surgery of the Spine (Private Practice) 800 West Buffalo Street. Tampa – Florida.	August 1983 – December 1985
Assistant Professor. Spine Surgeon University of South Florida Tampa – Florida.	August 1981 – June 1983
Instructor. Department of Orthopaedics	June 1980 – May 1981

University of Rochester
Rochester – New York.

FACULTY APPOINTMENTS

Affiliate Assistant Professor; Dept. Orthopaedics and Sports Medicine August 1,2008 – July 31, 2010
University of South Florida
Tampa – Florida

Director of Spine Fellowship. January 2005 – Present
Florida Orthopaedic Institute
Tampa – Florida.

Clinical Assistant Professor. Dept. of Surgery, Div. of Orthopaedics July 1996 – June 2004
University of South Florida
Tampa – Florida.

Assistant Professor. Department of Orthopaedics August 1981 – June1983
University of South Florida
Tampa – Florida

Instructor. Department of Orthopaedics June 1980 – May 1981
University of Rochester
Rochester – New York.

GRADUATE MEDICAL TRAINING

Fellowship. Fellow in Surgery of the Spine, Dept. of Orthopaedics August 1980 – June 1981
University of Rochester
Mac Evarts, Medical Director
DPK Chan, Head of Scoliosis & Surgery of the Spine
Rochester – New York.

Chief Resident. July 1979 – June 1980
University of South Florida College of Medicine
Tampa – Florida.

Residency. July 1977 – June 1980
University of South Florida College of Medicine
Dr. Roger Shuman
Dr. Phillip Spiegel
Tampa – Florida.

Internship. General Surgery
University of Florida, Health Science Center of Jacksonville
University of Florida Department of Surgery Jacksonville
Jacksonville – Florida.

June 1976 – June 1977

MEDICAL SCHOOL

University of Zaragoza Medical School
Zaragoza – Spain.

September 1970 – June 1976

AWARDS & MEDICAL HONORS

America's Top Orthopedist Award, Consumer' Research Council - 2009

MIS Bioskills Training Course- February 2009

Best Doctor's in America (Peer elected for inclusion) – 2007/2008.

Tampa Bay Area Best Doctor's – 2007.

Tampa Bay Area Best Doctor's – 2006.

Global Directory of Who's Who – 2006.

American Registry of Outstanding Professionals – 2005/2007.

Best Doctor's in America (Peer elected for inclusion) – 2005/2006.

America's Top Surgeons, Consumer Research Council - 2003 & 2006.

Best Doctors in America (Peer elected for inclusion) – 1998/1999.

Matricula de Honor, Pharmacology – 1973.

General Pathology – 1973.

EDITORIAL POSITIONS

Spine Arthroplasty Society, SAS Journal Peer Review Board – 2007.

COMMITTEES

President of Sisyphian Spine Society. – 2005/2006.

Board of Directors of Sisyphian Spine Society. – 2005- present.

Executive Board of Florida Orthopaedic Institute. Tampa – Florida. – 2005-2007.

INSPIRATION Scientific Meeting Committee Board Member. Cannes – France. - October 2005-2009.

INSPIRATION Scientific Meeting Committee Board Member. Seville – Spain. - October 2004-present.

Committee on Intradiscal Therapy. Tampa General Hospital, Tampa – Florida. – June 1983.

Scientific Advisory Board of the Center of Research in Scoliosis. Strong Memorial Hospital. University of Rochester, Rochester – New York. – December 1982.

Co-Coordinator, Spinal Cord Injury Advisory Council. Tampa General Hospital, Tampa – Florida. - October 1982/ October 1994.

Chair, Space Utilization and Capital Equipment Committee. University of South Florida, Tampa – Florida. - July 1982/June 1983.

Outpatient Clinic Committee. Tampa General Hospital, Tampa – Florida. - March 1982/June 1983.

Clinics Outpatient Surgery Committee. University of South Florida, Tampa – Florida. – October 1981/October 1982.

Diving Medical Committee. University of South Florida, Tampa – Florida. – September 1981/September 1982.

Spinal Cord Injury Advisory Committee, Strong Memorial Hospital. University of Rochester, Rochester – New York. – July 1980/ June1981.

COURSE CHAIRMAN

Preservation of Motion. Hawks Cay – Florida- April 2010.

Preservation of Motion. Hawks Cay – Florida- April 2009.

Preservation of Motion. Hawks Cay – Florida. – April 2008.

Preservation of Motion. Hawks Cay – Florida. - March 2007.

Preservation of Motion. Hawks Cay – Florida. - April 2006.

Preservation of Motion. Hawks Cay – Florida. - March 2005.

COURSE FACULTY

SAS10 Spine Arthroplasty Society 10 th Annual Global Symposium New Orleans, La	April 2010
MERC Meeting Miami, Fl	April 2010
6 th Annual Preservation of Motion Meeting Duck Key, Florida	April 2010
Selby Spine 2010 Hotel Park City, UT	February 2010
24 th Annual NASS Meeting- Section on Motion Technology San Francisco. California	November 2009
9 th Annual INSPIRATION Meeting Monaco,	October 2009
Innovative Techniques in Spine Surgery Phoenix Arizona	October 2009
Spine Across the Sea NASS Maui, Hawaii	July 2009
5 th Annual Meeting Sisyphian Society Bermuda	July 2009
Contemporary Concepts in Spine Surgery (ACSS) American College of Spine Surgery New Port Beach, Ca.	June 2009
Florida Orthopedic Society Scientific Annual Meeting St. Petersburg, Fl	May 2009
SAS9 Spine Arthroplasty Society 9 th Annual Global Symposium Motion Preservation Technology	May 2009

London, UK

5 th Annual Preservation of Motion Meeting Duck Key- Florida	April 2009
8 th Annual Symposium on Current Concepts in Spinal Disorders Las, Vegas- Nevada	January 30, 2009
4 th Annual Meeting Sisyphian Society Bermuda	July 2008
5 th Annual Innovative Techniques The Spine Technology Education Group Los Cabos – Mexico.	June 2008
SpineWeek 2008 Geneva – Switzerland	May 2008
3 rd Annual Spine Technology Summit Miami- Florida.	May 2008
Spine Arthroplasty Society (SAS8) Miami – Florida.	May 2008
Preservation of Motion in Lumbar Spine Hawks Cay- Florida Orthopaedic Institute	April 2008
Selby Meeting Park City. – Utah.	January 2008
Spine Mark Medical Conference Center at TBI, Archus Orthopedics Plano – Texas.	December 2007
The Science of Facet Joint Repair and Total Posterior Arthroplasty Austin – Texas.	October 2007
World Spine IV: Fourth Interdisciplinary Congress on the Spine Istanbul – Turkey.	July/August 2007
3 rd Annual Meeting of Sisyphian Spinal Society Elbow Beach Resort – Bermuda.	July 2007
4 th Annual Innovative Techniques The Spine Technology Education Group Los Cabos – Mexico.	June 2007

North American Spine Society Motion Stabilization: A Hands On Course Burr Ridge – Illinois.	May 2007
Spine Technology Summit Berlin – Germany.	April 2007
Preservation of Motion Hawks Cay – Florida.	March 2007
V International Meeting Advances in Spine Surgery Mexico City – Mexico.	January 2007
Chinese Orthopaedic Association, COA. Beijing – China.	November 2006
2 nd Annual Meeting of Sisyphean Spinal Society Bermuda.	July 2006
Emerging Technology Meeting Las Vegas – Nevada.	August 2006
Preservation of Motion Hawks Cay – Florida.	April 2006
Selby Spine Society Annual Meeting Park City – Utah.	February 2006
IV International Course of Spine Surgery Advances Mexico City – Mexico.	January 2006
3 rd TransAtlantic Spine Congress, <i>Innovations in Spine Surgery</i> Swiss Spine Institute & Texas Back Institute Dallas – Texas.	November 2005
International Spine Research & Innovation, INSPIRATION Meeting Cannes – France.	October 2005
Sisyphean Spine Society Meeting Bermuda.	July 2005
Emerging Technologies in Spine Surgery Las Vegas – Nevada.	June 2005

Preservation of Motion Hawks Cay – Florida.	March 2005
International Spine Research & Innovation, INSPIRATION Meeting Seville – Spain.	October 2004
AMCICO (Asociacion Mexicana de Cirujanos de Columna) Veracruz – Mexico.	September 2004
Association of Research Groups for Spinal Osteosynthesis (ARGOS) – North America Farmington – Pennsylvania.	August 2004
Florida Orthopedic Society Key West – Florida.	May 2004
Interactive Spine Course, St. Joseph’s Hospital Tampa – Florida.	April 2004
The Tampa Bay Spine Symposium 2004 Spine and Scoliosis Conference Tampa – Florida.	April 2004
École Nationale Supérieure des Arts & Métiers, (ENSAM) Presented International Symposium on Spinal Implants Evaluation Paris – France.	March 2004
Association of Research Groups for Spinal Osteosynthesis, (ARGOS) Paris – France.	January 2004
International Spine Research & Innovation, Inspiration Meeting Nice – France.	October 2003
North American Spine Society, NASS Industry Meeting San Diego – California.	October 2003

GRAND ROUNDS / VISITING PROFESSOR

University of South Florida
Biomechanical Aspects of Motion Preservation
Tampa. Fl – July 24, 2009

Johns Hopkins University

Experience with Non-fusion and Preservation of Motion in the Lumbar Spine
Baltimore – Maryland. – September 2004.

New England Baptist Hospital
Dynamic Rod Design, Biomechanics and Finite Element Analysis in the Lumbar Spine
Boston – Massachusetts. – December 2004.

University of Virginia
Biomechanics and Finite Element Analysis of Dynamic Rod Including Early Clinical Experience
Richmond – Virginia. – January 2005.

MEDICAL RESEARCH

RESEARCH EXPERIENCE

University of South Florida, Florida Orthopaedic Institute.
Analysis of Dynamic Rod Versus Rigid Rod Using Cunningham Model.
Tampa – Florida. – March 2004.

University of South Florida, Dr. Mutaz Habal
Myocutaneous Flaps and Kyphectomy in Myelomeningocele
Tampa – Florida. – 1984.

University of South Florida.
Prospective Study of Lumbar Spine Fractures (L3-L5)
Tampa – Florida. – 1983.
International Study on Lateral, Electrical Surface Stimulation for Scoliosis.
November – 1982.

University of South Florida
Pain Chart and Non-Steroidal Anti-inflammatories in the Management of Adult Low Back Pain.
Tampa – Florida. – 1982.

University of Rochester
Prospective Study for the management of Thorocolumbar Scoliosis: Treated by Anterior Spinal
Fusion with Zielke Instrumentation.
Rochester – New York. – 1980.

University of Zaragoza, Department of Pharmacology
Urodynamics & Anticholinergics in a Canine Model.
Zaragoza – Spain. – 1973.

RESEARCH SUPERVISION

Co-Chaired Doctoral Committee of Tov I. Vestgaarden. “Experimental and Analytical Modeling of the In Vivo and In Vitro Biomechanical Behavior of the Human Lumbar Spine”. Biomedical Engineering, University of South Florida. Chairs A.E. Castellvi & W.E. Lee III – 2007.

RESEARCH IN PROGRESS

Indirect Decompression: A prospective, multicenter, randomized, comparative clinical study.

All devices/procedures used in this study are commercially available and FDA approved

- Xlif w/posterior construct vs Open decompression laminectomy, TLIF or possibly Wiltsey approach.
- Pedicle screw rod construct, type not specific. (Study design in progress)

SCORE

Study of Curette use for obtaining restoration of Bertebral Body Anatomy in Balloon Kyphoplasty.

Nubac

A Prospective, Randomized, Multi-centered Controlled Clinical Trial Evaluating the Safety and Effectiveness of Nubac Disc Arthroplasty (Control is ProDiscL) RERB approved November 17, 2009. No patients enrolled to date.

Facet Solutions

The Investigational Plan for the Evaluation of the Acadia Facet Replacement System

Multi-center clinical trial at up to 30 Investigational Sites

- Prospective, randomized, concurrently-controlled trial
- Control: Instrumented posterolateral fusion
- 200 Investigational and 100 Control patients using 2:1 randomization

RERB approved 9/25/2009.

FACT

Fusion Assessment Clinical Trial: Prospective, multicenter, non-randomized study. Approximately 50 patients will be enrolled at a maximum of six centers. This registry study will provide clinical information on the outcomes achieved with Spinal Fusion in patients with Degenerative Disc Disease with facet compromise and will investigate any potential correlations between baseline status and pre-surgical conservative care regimens and fusion outcome. Investigators shall utilize their standard surgical procedures and products for the treatment of the patients enrolled in the study.

Aesculap ActivL Lumbar Artificial Disc

The study proposed is a prospective, randomized, single-masked, controlled, multi-center clinical trial consisting of an estimated 414 subjects with single-level DDD of the lumbar spine (L4/L5, or L5/S1) who have failed to improve with conservative treatment for at least six months prior to

enrollment. After enrollment, subjects will be randomized in a 2:1 ratio to either the Activ-L Disc (investigational device) or the control (Charité or ProDisc-L).
RERB Approval March 2009.

Discover Artificial Cervical Disc

A Multi-Center, Prospective, Randomized Controlled Trial Comparing Cervical Arthroplasty to Anterior Cervical Discectomy and Fusion (ACDF) for the Treatment of Cervical Degenerative Disc Disease (DDD) Sponsor: DePuy Spine

IRB approval June 2008.

Stabilimax NZ Study. Clinical Investigational Device Exemption. A multicenter, prospective, randomized clinical trial comparing stabilization with the Stabilimax NZTM Dynamic Spine Stabilization System vs. Posterolateral Instrumented Fusion.

Sponsor: Applied Spine Technologies, Inc.

IRB approval April 23-2007.

Xpanse Fusion Study. Xpanse Bone Insert: A Prospective Pilot Study - Protocol #3106 Amendment #01.

Sponsor: OsteoTech, Inc.

IRB approval December 1-2006.

Coflex Spinal Study: Clinical Investigational Device Exemption. A multicenter, prospective, randomized clinical trial comparing stabilization with Coflex vs. pedicle screw fixation and fusion after decompression for at least moderate lumbar Stenosis. Protocol PS-001,
IRB approval December 6-2006.

Total Facet Arthroplasty System (TFAS) Study: Clinical Investigational Device Exemption: A prospective and randomized controlled trial to evaluate the safety and effectiveness of Total Facet Arthroplasty in the treatment of Degenerative Spinal Stenosis. Protocol number: PR0051- Version 2.
IRB approval April 25-2006. Closed to enrollment 2009.

Analysis of Dynamic Rod vs. Rigid Rod using Finite Element Model. A kinematic study comparing dynamic stabilization at L4-5 to fusion at L4-5; analyzing the response (von Mises stress) at L3-4 in both models. In conjunction with the University of South Florida Civil Engineering Department.
July 2004.

Dynamic Rods in the Treatment of Spinal Stenosis: A prospective clinical study of single segment spinal stenosis or spondylolithesis with radicular and mechanical pain, using a dynamic rod to stabilize the segment, with follow up of 4 years in 20-40 subjects. Radiographic and Functional analysis will determine outcome.

IRB approval December-2004.

Semi-Rigidity and the Prevention of Adjacent Level Disc Degeneration. A prospective study of patients with disc degeneration at L4-5 and L5-S1 with a normal L3-4 disc. Study to follow patients for 10 years, including radiographic and functional analysis, currently in progress.
Data Collection October-2003.

Cervical Corpectomies with the use of Titanium Mesh Reconstruction for Cervical Spondylosis: A retrospective study of 38 consecutive patients over a 3-year time frame.
IRB approval September-2003.

Treatment of Scoliosis with Providence Brace: A retrospective study of approximately 45 subjects over the last 2 years. Compare our results of wearing a brace at night vs. 23 hours as recommended in the literature.
Data Collection October-2002.

Autologous Growth Factor: A randomized prospective study of instrumented posterior or transforaminal lumbar interbody fusion with posterolateral fusion. Autologous Growth Factors, Morselized Allograft, and Local Bone Graft vs. Autologous Iliac Crest Bone Graft. 60 subjects will be enrolled, a 2:1 randomization scheme with 40 subjects in the treatment group and 20 subjects in the control group. Radiographic and Functional analysis will determine outcome.

RESEARCH LINKS

- **Applied Spine Technologies, Inc. – Stabilimax NZ.**
www.legandbackpainstudy.com
- **Osteotech, Inc. – Xpanse Bone Insert.**
www.osteotech.com/prodxpanseR.htm
- **Paradigm Spine, LLC – Coflex Clinical Trial.**
www.spineuniverse.com

PRESENTATIONS

Dynamic Fusion. Presented by AE Castellvi MD, Tenth Annual Global Symposium on Motion Preservation Technology, Spine Arthroplasty Society SAS10 meeting, New Orleans, La, April 26,2010

Complications of MIS. Presented by AE Castellvi MD, at MERC meeting, Miami. April 23-25, 2010

Analysis of Pre and Post Op Motion of Stabilimax (PDS) AE Castellvi (presenter);Khandha A; Ferrara L; Anand N; Cheng J; Yonemura K; Robie B; 6th Annual Preservation of Motion Meeting, Duck Key, Florida Orthopaedic Institute, April 9,2010

Functional Outcomes of TFAS AE Castellvi MD (presenter) Heirlmeier B. MS IV; 6th Annual Preservation of Motion Meeting, Duck Key, Florida Orthopaedic Institute, April 10,2010

Long Lumbar Indirect Decompression; AE Castellvi MD (presenter), Murtaugh R, MD; Nayak A. MS; Gutierrez,S,PhD; Clabeaux,D RN; Billys J, MD. 6th Annual Preservation of Motion Meeting, Duck Key, Florida Orthopaedic Institute, April 11,2010

Interspinous Devices and Facet Replacement Devices. Presented at NASS 24th Annual Meeting Section on Motion Technology, San Fransisco, Ca. November 10, 2009

Complications of Degenerative Disc Disease in Lumbar Spine: Presented AE Castellvi MD at 9th Annual INSPIRATION Meeting, Monaco, October 30-31, 2009

Lumbar Total Disc Replacement : When, Why and How?Presented AE Castellvi MD at Innovative Techniques in Spine Surgery , Phoenix Arizona October 15-17, 2009

Hybrid Posterior Dynamic Stabilization of the Lumbar Spine. Presented by Richard Drake DO at NASS Spine Across the Sea, Maui, Hawaii July 27, 2009

Interspinous Devices in the Lumbar Spine. Presented AE Castellvi, at Contemporary Concepts in Spine Surgery, New Port Beach Ca. June 6 , 2009

Global Effects of Dynamic Instrumentation on the Lumbar Spine. Presented by AE Castellvi, at 2009 Florida Orthopaedic Society Annual Meeting Program, The Renaissance Vinoy Resort, St Petersburg, Florida, May 16, 2009

Evaluation of Hybrid Posterior Dynamic Stabilization (ISOBAR TTL): A Two Year Follow-up. Presented by AE Castellvi MD, Ninth Annual Global Symposium on Motion Preservation Technology, Spine Arthroplasty Society SAS9 meeting, London, England. May 1, 2009

The Total Facet Arthroplasty System (TFAS) in the Treatment of Degenerative Lumbar Spinal Stenosis: Midterm Results of US IDE Trial with Longest Follow-up of 24 months. BL Sachs (presenter) S. Webb, D Wiles, AE Castellvi, C Wingo, M Halperin et al. Ninth Annual Global Symposium on Motion Preservation Technology, Spine Arthroplasty Society SAS9 meeting, London, England. May 1, 2009

Facet Arthroplasty in Patients with Reduced Disc Height- Preliminary Data from an Ongoing U.S.IDE Clinical Trial. S. Webb (presenter), K Sethi, A Castellvi, BL Sachs, C Wingo, M Halperin, D Wiles, C Brown. Ninth Annual Global Symposium on Motion Preservation Technology, Spine Arthroplasty Society SAS9 meeting, London, England. April 28, 2009

The Total Facet Athroplasty System (TFAS) in the Treatment of Spinal Stenosis: Worldwide Experience with Longest Follow-up of 36 months. A Castellvi (presenter), S. Webb, K Sethi, BL

Sachs, C Wingo, M Halperin, et al. Ninth Annual Global Symposium on Motion Preservation Technology, Spine Arthroplasty Society SAS9 meeting, London, England. April 28, 2009

Evaluation of Hybrid Posterior Dynamic Stabilization of the Lumbar Spine: AE Castellvi MD. WRS Hudson MD (presenter), DH Clabeaux, fifth Annual Preservation of Motion in Spine Conference, Hawks Cay, Florida April 2, 2009.

Biomechanical Effects of a Posterior Dynamic System on the Adjacent Level above a Circumferential Fusion. Presented by AE Castellvi at Fifth Annual Preservation of Motion Meeting, Hawks Cay, Florida, April 2, 2009

Posterior Non-Fusion: Pedicle Based Devices; Isobar: Presented by AE Castellvi MD at Eighth Annual Symposium on Current Concepts in Spinal Disorders 2009. Las Vegas, NV, January 30, 2009. **TTL**,

Cervical Spine Anterior Column Reconstruction. Presented by AE Castellvi MD at International Inspiration Meeting, Rome. Italy
October 31, 2008.

The Total Facet Arthroplasty System (TFAS) in the Treatment of Degenerative Lumbar Spinal Stenosis: Midterm Results of US IDE Trial with Longest Follow-up of 24 months: Barton Sachs MD, Scott Webb MD, Courtney Brown MD, David Willes MD, Antonio Castellvi MD. Et al.
NASS 23rd Annual Meeting, Toronto, Canada, October 16, 2008

Sisyphean Society July 2008
July 17-19, 2008, Bermuda

Hybrid Dynamic Stabilization With Posterior Spinal Fusion in the Lumbar Spine : A Two Year Follow-up. Presented by AE Castellvi MD at the 5th Annual Innovative Techniques in Spine Surgery. Los Cabos- Mexico. June 19-21, 2008

Spine Technology Summit, Surgeon Panel Member
Miami – Florida. May 5, 2008.

Artificial Cervical Disc M6. Presented by AE Castellvi MD at Preservation of Motion in Lumbar Spine Meeting.
Hawks Cay- Florida Keys. – April 5, 2008

Clinical Indications for Preservation of Motion. Presented by AE Castellvi MD at Preservation of Motion in Lumbar Spine Meeting. – Hawks Cay- Florida Keys- April 3, 2008

Mechanobiology. Presented by AE Castellvi MD at Preservation of Motion in Lumbar Spine.
Hawks Cay – Florida Keys.- April 3, 2008

Indications of Posterior Motion Sparing Systems. Presented by AE Castellvi MD at the Selby Meeting.
Park City- Utah. February 1, 2008.

ALIF with MIS Posterior Stabilization. Presented by AE Castellvi MD at the Selby Meeting.
Park City- Utah. – January 31, 2008.

Sunset with Scient'x.

Newest Posterior Dynamic Stabilization Technologies available from Scient's USA. Presenter AE Castellvi MD
Austin – Texas. – October 24 – 2007.

North American Spine Society, NASS 22nd Annual Meeting.

Austin – Texas. - October 23/27-2007.

Motion Preservation.

San Diego – California. - September 15-2007.

World Spine IV: Fourth Interdisciplinary Congress on Spine Care, Presented by The World Spine Society.

Istanbul – Turkey. - July 29/August 1-2007.

3rd Annual Meeting Sisyphean Spinal Society.

Bermuda. - July 19/21-2007.

4th Annual Innovative Techniques in Spine Surgery, Presented by The Spine Technology Education Group.

Los Cabos – Mexico. - June 27-30-2007.

North American Spine Society, NASS Motion Stabilization: A Hands On Course .

Burr Ridge – Illinois. May 18/19-2007.

Total Facet Arthroplasty in the Treatment of Spinal Stenosis: SAS7 . Results from an Ongoing IDE Clinical Trial; S. Webb, MD, C. Brown, MD, B. Sachs, MD, G. Wang, MD, A.E. Castellvi, MD, M. Halperin, MD.

Berlin – Germany. - May 3-2007.

Panel Member, Industry Workshop for Spinalkinetics discussing the M6 Cervical Disc and technology. SAS 7.

Berlin – Germany. - May 2-2007.

Spine Technology Summit Surgeon Panel member for the Cervical Total Disc Replacement Session.

Berlin – Germany. - April 30-2007.

American Association of Neurological Surgeons, AANS.

The Total Facet Anthroplasty System (TFAS) in the treatment of spinal stenosis: Worldwide experience with longest follow-up of 24 months.

Chicago – Illinois. – April 28 – 2007.

Clinical Results from Dynamic Stabilization, Presented at Preservation of Motion in the Spine
Hawks Cay – Florida. - March 29-2007.

Mechanobiology, Presented at Preservation of Motion in the Spine.
Hawks Cay – Florida. - March 29-2007.

Total Lumbar Disc Replacement, Presented at St. Paul-Travelers regarding the Charite Disc
Tampa – Florida. - March 20-2007.

Dynamic Stabilization for Alphatec, Presented at North American Spine Society Meeting. San Diego
– California. - February 15-2007.

Symposium; Surgical Techniques for Lumbar Spinal Stenosis and Degenerative Disc Disease,
Presented at the V International Meeting Advances in Spine Surgery
Mexico City – Mexico. - January 25/27-2007.

Symposium; Endoscopic vs. Open Surgery, Presented at The V International Meeting Advances in
Spine Surgery
Mexico City – Mexico. - January 25/27-2007.

Preservation of Motion, Presented at The V International Meeting Advances in Spine Surgery
Mexico City – Mexico. - January 25/27-2007.

Controversies in Thoracolumbar Fractures, Presented at The V International Meeting Advances in
Spine Surgery.
Mexico City – Mexico. January 25/27-2007.

Corpectomy with Titanium Cage Reconstruction, Chinese Orthopaedic Association, COA.
Beijing – China. - November 13-2006.

Isobar TTL in Lumbar Spine, Chinese Orthopaedic Association, COA.
Beijing – China. November 13-2006.

Emerging Technology Meeting, moderated Non-Fusion Program.
Las Vegas – Nevada. - August 11/12-2006.

*Analysis of a Dynamic Constrict For Prevention Of Adjacent Level Degeneration In The Lumbar
Spine*, Presented at Southern Orthopaedic Association

Nassau – Bahamas. - July 21-2006.

Indications for Dynamic Stabilization; Clinical Results, Presented at the Sisyphean Spinal Society 2nd Annual Meeting.

Bermuda. - July 14-2006 .

Non-fusion Techniques in the Spine, Presented for Spine Summit Technology.

Montreal – Canada. May 9-2006.

Panel Member, Nucleus Replacement Panel, Dynamic Stabilization Panel, Non-Fusion Technology,

Presented for Spine Summit Technology.

Montreal - Canada. May 9-2006.

Posterior Pedicle Based Dynamic Rod; Indications and Clinical Outcomes, Presented at Preservation of Motion Meeting,

Hawks Cay – Florida. - April 7-2006.

Indications for Dynamic Stabilization: Clinical Results, Presented at the Selby Meeting.

Park City – Utah. – February 3-2006.

Indications for Dynamic Stabilization: Clinical Results, Presented at IV International Course of Spine Surgery Advances.

Mexico City – Mexico. – January 21-2006.

Microdiscectomy vs. Standard Discectomy in Lumbar Spine, Presented at IV International Course of Spine Surgery Advances

Mexico City – Mexico. - January 20-2006.

Design Rationale, Biomechanics and Finite Element Analysis of Dynamic Instrumentation, Presented at IV International Course of Spine Surgery Advances.

Mexico City – Mexico. - January 19-2006.

Posterior Dynamic Stabilization; Isobar TTL, Presented at 3rd TransAtlantic Spine Congress

“Innovations in Spine Surgery” Swiss Spine Institute & Texas Back Institute

Dallas, Texas. – November 4/5-2005.

Adult Spinal Deformities, Presented at the Inspiration Meeting.

Cannes – France. - October 28-2005.

A Rational Approach to Dynamic Stabilization of the Spine, Presented at Posterior Dynamic Stabilization Trends Conference during NASS

Philadelphia – Pennsylvania. September 28-2005.

Indications and Rationale for Dynamic Stabilization of the Spine, Presented at Sisyphean Spine Society Meeting.
Bermuda - July 15-2005.

Appropriate Indications for Pedicle Screw Based Dynamic Stabilization, Presented at Emerging Technologies in Spine Surgery (Abbott Spine)
Las Vegas – Nevada. - June 10-2005.

Prevention of Adjacent Level Degeneration, Presented at Abbott Spine Emerging Technologies in Spine Surgery by Scott Webb, DO, Antonio Castellvi, MD.
Las Vegas – Nevada. – June 10-2005.

Analysis of a Dynamic Construct for the Prevention of Adjacent Level Disc Degeneration, Presented at SAS5.
New York – New York. - May 4-2005.

Design Rational and Indications for Dynamic Lumbar Instrumentation, Presented at Preservation of Motion Conference.
Hawks Cay – Florida. - March 18-2005.

Course Director, Preservation of Motion Meeting,
Hawks Cay – Florida. - March 17/20-2005.

Dynamic Stabilization Defined. Design Rationale, Biomechanics, Finite Element Analysis of Dynamic Instrumentation; Presented at Dynamic Stabilization Workshop. NASS Meeting.
Chicago – Illinois. - October 27-2004.

Co-Chairman and Presenter of Dynamic Technologies Conference and Discussion , Presented at INSPIRATION Meeting. Chaired with James Paraiso, DO and Guy Matge, PhD.
Seville – Spain. - October 15/16-2004.

Analysis of a Dynamic Construct for Prevention of Adjacent Level Degeneration in the Lumbar Spine, Presented at AMCICO (Asociacion Mexicana de Cirujanos de Columna).
Veracruz – Mexico. - September 10-2004.

Analysis of a Dynamic Construct for Prevention of Adjacent Level Degeneration in the Lumbar Spine, Presented at ARGOS NA
Farmington – Pennsylvania. - August 6-2004.

Partial Corpectomy with Titanium Mesh Reconstruction for Cervical Spondylosis, Trauma or Revision Surgery. Presented at FOS.
Key West – Florida. - May 21-2004.

Semirigidity and Prevention of Adjacent Level Disc Degeneration in the Lumbar Spine. Interactive Spine Course, St. Joseph's Hospital, Tampa – Florida. - April 17-2004.

Anterior Instrumentation for Spinal Deformities. The Tampa Bay Spine Symposium 2004, Spine and Scoliosis Conference. Tampa – Florida. - April 17-2004.

Analysis of a Dynamic Construct in the Lumbar Spine to Prevent Adjacent Level Degeneration. Presented International Symposium on Spinal Implants Evaluation, ENSAM Paris – France. - March 22-2004.

Semi-rigidity in the Prevention of Adjacent Level Degenerative Disc Disease. Presented at ARGOS, Paris – France. - January 30-2004.

Prevention of Adjacent Level Degeneration using Semi-rigid Rods. Presented at NASS San Diego – California. - October 23-2003.

Cervical Spine Multilevel Spondylosis. Presented at Inspiration Meeting in Nice – France. - October 17-2003.

Co-Chairman of Cervical Spine Instrumentation Round A Table at Inspiration Meeting Nice – France. - October 16-2003.

Instructor, Rescue Diver Course. Marine and Outdoor World. Tampa – Florida. - October 12-1986.

Zielke Instrumentation for Scoliosis Patients. Scoliosis Association of Tampa Bay. Tampa – Florida. November 12-1986.

Spine Stabilization. National Association of Orthopaedic Nurses, Suncoast Chapter. Tampa – Florida. - September 15-1985.

Injury to, Diagnosis, and Treatment of the Spine. Constitution Rehabilitation Company. Tampa – Florida. - October 1-1984.

Scoliosis Instrumentation. Cuban Medical Convention, Bal Harbour – Florida. - June 30/July 4-1984.

Chemoneucleolysis. Second Annual International Neuroradiology Seminar. Buena Vista – Florida. - February 5/8-1984.

Scoliosis. Pediatric Grand Rounds. University of South Florida, Tampa – Florida. - July 22-1983.

Biomechanics of the Cervical Spine Injury. Spinal Cord Injury Meeting, Tampa General Hospital, Tampa – Florida. - May 11-1983.

Simultaneous Anterior and Posterior Approach to the Spine. Rochester Alumni Meeting, Rochester - New York. May 9-1983.

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Diagnostic Protocol for Low Back Pain. 10th Annual Workers' Compensation College, University of South Florida, Tampa – Florida. - March 24-1983.

Advances in Scoliosis - Instrumentation. 8th Mini Workshop, Good Samaritan Hospital, Tampa – Florida. - February 26-1983.

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Tampa – Florida. - February 3/4-1983.

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Clearwater – Florida. - January 26/28-1983.

Moderator, Spine Surgery Section: Advances in Orthopaedics.
Clearwater – Florida. - January 26/28-1983.

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Tampa – Florida. - December 7-1982.

Musculoskeletal Back Injuries. American Medical Association. Occupational Medicine Lecture, University of South Florida.
Tampa – Florida. - November 18-1982.

Spinal Stenosis: A Clinical Presentation and Treatment. Spine Surgery Grand Rounds, University of South Florida,
Tampa – Florida. - October 13-1982.

Advancement in the Treatment of Scoliosis. Cuban Medical Convention
Bal Harbour – Florida. - July 3-1982.

Surgery for Arthritis. Arthritis Medical Forum in Spanish, Arthritis Foundation, Florida Chapter.
Tampa – Florida. - June 6-1982.

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Adult Scoliosis. Rheumatology Grand Rounds, Veteran's Administration Hospital and University of South Florida.

Tampa – Florida. - January 28-1982.

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Tampa – Florida., December 1, 1981.

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Tampa – Florida. - November 5-1981.

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Pain Syndromes in the Upper Extremities as Related to the Spine. Post-graduate seminar

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Degenerative Diseases of the Spine. National Association of Orthopaedic Nurses, Suncoast Chapter.

Tampa – Florida. - October 24-1981.

Odontoid Fractures. Spinal Grand Rounds, University of South Florida.

Tampa – Florida. - October 14-1981.

Scoliosis - Pre and Post Operative Care. Pediatric ICU Nurses, Tampa General Hospital.

Tampa – Florida. - October 5-1981.

Paget's Disease. Orthopaedic Grand Rounds, University of South Florida.

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The Spectrum of Transitional Lumbar Vertebrae and their Relationship with Lumbar Herniated Pulposus. Presented at the University of Rochester Orthopaedic Alumni Meeting.

Rochester - New York. - June 7/9-1981.

Hoffman-Vidal External Fixation: The Tampa Experience. Presented at the 13th Annual American Orthopaedic Association Resident Conference, Mayo Clinic.
Rochester – Minnesota. – Spring-1980.

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Tampa – Florida. - November 8/11-1979.

Orthopaedic Nursing of the Knee. Hillsborough Community College.
Tampa – Florida. - February 16-1979.

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POSTER PRESENTATIONS

Quantity and Quality of Motion in Stenosis Patients; Anand N; Robie BH; Ferrara L; Yonemura K; Castellvi A. Presented SAS10 (Spine Arthroplasty Society) New Orleans, La April 2010.

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Hybrid Dynamic Stabilization with Posterior Spinal Fusion in the Lumbar Spine; 2 year follow-up.
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Geneva, Switzerland. – May 26-31, 2008

Facet Arthroplasty in Patients with Reduced Disc Height – Preliminary Data from an Ongoing US IDE Clinical Study. Presented at SAS8.
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Miami – Florida. May 6-9, 2008

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Berlin – Germany. - May 1/5-2007.

Clinical Results of Dynamic Posterior Instrumentation with Non-Fusion for Degenerative Disc Disease.
Presented at SAS6.
Montreal – Canada. - May 11/13-2006.

Biomechanics and Finite Element Analysis of Dynamic Lumbar Instrumentation. Presented at World Spine III.
Rio de Janeiro – Brazil. - August 1/3-2005.

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Biomechanics and Finite Element Analysis of Dynamic Lumbar Instrumentation. Poster presented at the International Society of Study of the Lumbar Spine.
New York – New York. – May 13/14-2005.

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Washington – District of Columbia. - February-2005.

Partial Cervical Corpectomy with Titanium Cage Reconstruction for the Treatment of Cervical Spondylosis, Trauma and Revision Surgery. Presented at NASS.
Chicago – Illinois. October 27/29-2004.

Biomechanics of Reduced Stiffness Dynamic Lumbar Spine Instrumentation for the Prevention of Adjacent Level Disc Degeneration, An e-poster presentation. IMAST
Bermuda. - July 2-2004.

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VIDEOS

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AFFILIATED ASSOCIATIONS

- American Academy of Orthopaedic Surgeons
- American Medical Association
- Cuban Medical Association
- Eastern Orthopaedic Society
- Florida Medical Association
- Florida Orthopaedic Society

- Hillsborough County Medical Association
- North American Spine Society
- Sisyphian Spinal Society
- Spine Arthroplasty Society
- Southern Orthopaedic Society

LANGUAGES SPOKEN

- Spanish – Fluent
- English – Fluent