

CURRICULUM VITAE

PIERCE D. NUNLEY, M.D.

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EDUCATION:

- Undergraduate: University of Kansas
Lawrence, Kansas
Biology, Chemistry, Liberal Arts, Performing Arts
Honors: Alpha Chi Sigma (National Honors Chemistry Society)
Bachelor of Arts - Human Biology, 1986
- Medical: University of Kansas Medical College
Kansas City, Kansas
Honors: Anatomy Prosector and Instructor - Department of Orthopaedic Surgery
Pharmacology Clinical Honors Program
Doctor of Medicine, 1991
- Internship: Louisiana State University Medical Center
Shreveport, Louisiana, 1992
- Residency: Louisiana State University Medical Center
Shreveport, LA, 1996
- Spine Fellowships: Prof. Walter Dick, M. D.
Prof. Bernard Jeanneret, M. D.
Arbeitsgemeinschaft für Osteosynthesefragen (AO) Scholarship
University of Basel
Switzerland
Spine Fellowship, 1996
- David K. Selby, M. D.
Dallas Spine Group
University of Texas Southwestern
Spine Fellowship, 1997

SPECIALIZED TRAINING:

Enneking Musculoskeletal Pathology Course
St. Augustine, FL. April 1994

CERTIFICATION:

American Board of Spine Surgery – Board Certified (Written Exam - 12/2004, Oral Exam -10/2006)
American Board of Orthopaedic Surgeons – Board Certified (Written - 6/1996, Oral - July 2000)
Federation Licensing Examination (FLEX) - Certified August 1991

LICENSURE:

Louisiana 1991 to present
Texas 1996 to present
Missouri 1997 to present

MEDICAL PRACTICE:

Spine Institute of Louisiana – Shreveport, Louisiana – 2003 to present
Louisiana State University Health Sciences Center
 Clinical Associate Professor, Department of Orthopaedic Surgery –1999 to present
 Chief of Spine Service - 2010 to present
Orthopedic Specialists of Louisiana - Shreveport, Louisiana - 1999 to 2003
Orthopaedic Specialists of Springfield - Springfield, Missouri - 1997 to 1999

HOSPITAL AFFILIATIONS:

Specialists Hospital Shreveport - Active Staff
Louisiana State University Medical Center - Active Staff
Christus-Schumpert Medical Centers - Active Staff
Willis-Knighton Medical Centers - Courtesy Staff

PROFESSIONAL AFFILIATIONS:

North American Spine Society (NASS) - Member
American Academy of Orthopaedic Surgeons (AAOS) – Fellow
American College of Spine Surgery(ACSS) - Fellow
Scoliosis Research Society(SRS) - Candidate Fellow
Society for Minimally Invasive Spine Surgery (SMISS) - Fellow
International College of Surgeons - Fellow (FICS)
Spine Arthroplasty Society (SAS) - International Society for the advancement of Spine Surgery - Fellow
AO (Arbeitsgemeinschaft für Osteosynthesefragen) International
Selby Spine Group
American Medical Association
Southern Orthopaedic Association
Louisiana Orthopaedic Association
Louisiana State Medical Society
Shreveport Medical Society

PROFESSIONAL POSITIONS & APPOINTMENTS

Director - Spine Institute of Louisiana

Clinical Associate Professor - Louisiana State University Health Sciences Center, Dept. of Orthopaedic Surgery
Chief of Spine Service - LSUHSC, Dept. of Orthopaedic Surgery
Chairman Board of Directors - American Board of Spine Surgery (<http://www.americanboardofspinesurgery.org>)
Medical Advisory Board – SpineMark Corporation (www.spinemark.com)
Advisory Editorial Board – The Spine Journal (2006 to Present)
Technical Advisory Board - Syndicom, Inc (www.syndicom.com)
Board of Scientific Advisors – K2M Medical (www.k2m.com/about/advisors.cfm)
Scientific Advisory Board - Spinal Motion, Inc
Scientific Advisory Board - Vertebral Technologies International
Board of Trustees - Selby Spine Foundation
Board of Directors - Spine Institute of Louisiana Foundation, Inc
Board of Directors - Musculoskeletal Institute of Louisiana
Executive Committee - Musculoskeletal Institute of Louisiana

COMMITTEE APPOINTMENTS

NORTH AMERICAN SPINE SOCIETY

Member - Evidence-based Guideline Development Committee
Term: 2009-2011

NORTH AMERICAN SPINE SOCIETY,

Member - Alternative and Complementary Medicine Committee
Liaison - to AAOS Complimentary & Alternative Medicine Committee
Term: February 2004 – October 2008

AMERICAN ACADEMY OF ORTHOPEDIC SURGEONS,

Member - Complementary & Alternative Medicine Committee
Liaison - to NASS Alternative and Complementary Medicine Committee
Term: 2003-2007

NORTH AMERICAN SPINE SOCIETY,

Member - Research Fund Management Committee
Term: January 2004 – October 2006

PERSONAL INFORMATION:

Date of Birth: December 13, 1963
Place of Birth: Lawrence, Kansas
Marital Status: Married to Susan Moody Nunley, M. D.
Child: Jasmine Virginia Nunley

EXTRACURRICULAR ACTIVITIES:

Computers: Internet and Medical Systems Design and Digital Photography
Music: Performance and Composition - Voice, Guitar, Violin, and Piano
Sports/Hobbies: Tennis, Golf, Diving, Skiing, Photography and Ranching.

AWARDS:

2010 Outstanding Paper Award for Surgical Science – The Spine Journal
Congress of Neurological Surgeons: Neurosurgical Forum Paper 2010
Keynote Speaker – North Carolina Spine Society Annual Meeting 2009
Congress of Neurological Surgeons: Top Ten Papers 2009

PUBLICATIONS:

Referred Journals

Total disc arthroplasty does not affect the incidence of adjacent segment degeneration in cervical spine: Results of 93 patients in three prospective randomized clinical trials. [2010 Outstanding Paper Award for Surgical Science] Jawahar A. . . . Nunley PD. The Spine Journal. (Accepted. To be published Q1 2011)

Cervical Ganglioneuroma in an Adult Male: Case Report and Literature Review of a Rare Occurrence
Cavanaugh DA, Kerr EJ, Jawahar A, Nunley PD. Journal of the Louisiana State Medical Society (Accepted)

Implant Design may Influence Delayed Heterotopic Ossification after Lumbar Total Disc Arthroplasty. Kerr EJ, Jawahar A, Kay S, Cavanaugh DA, Nunley PD. Surg Neurol. 2009 Dec;72(6):747-51; discussion 751

A Class I FDA-IDE Trial Comparing Long Term Pain Results, Subsequent Fracture Rates, and Leak Patterns in Patients Recieveing Vertebroplasty Using Cortoss or PMMA for Osteoporotic Compression Fractures. Nunley PD, Jawahar A. The Spine Journal. October 2009 (Vol. 9, Number 10S, Page 175S)

Referred Journals (Continued)

Delayed hyperreactivity to metal ions after cervical disc arthroplasty: A case report and literature review. Cavanaugh, DA, Nunley PD, Kerr EJ, Jawahar A. *Spine*. 05/2009; 34(7):E262-5

Total Disc Arthroplasty Affords Quicker Recovery in One-Level Degenerative Disc Disease of the Cervical Spine: Preliminary results of a Prospective Randomized Trial. Nunley PD, Gordon CR, Jawahar A, Kerr EJ, Danielson GO, Cavanaugh DA, Raabe T, Russell M. *The Spine Journal*. September/October 2008 (Vol. 8, Issue 5S, Page 17S)

Comparison of Pressure-Effects on Adjacent Disc Levels Following 2-Level Lumbar Constructs: Fusion, Hybrid and Total Disc Replacement. Nunley PD, et al. *Surgical Neurology* 70 (2008) 247–251

Intradiscal Electrothermal Therapy (IDET) for Low Back Pain in Worker's Compensation Patients: Can It Provide a Potential Answer? Long Term Results. Nunley PD, Jawahar A, Brandao SM. *Journal of Spinal Disorders and Techniques*. Volume 21, Number 1, February 2008.

Fusion versus Hybrid after 2-level Lumbar Discectomy: Does the Construct Actually Affect Pressure at Adjacent Levels? A Biomechanical Study. Nunley PD, Mukherjee D, Jawahar A, Ogden A, Khan Z, Kerr EJ, Cavanaugh DA. *The Spine Journal*. September 2007 (Vol. 7, Issue 5, Page 101S)

Should Number of Levels Determine the Choice of Plate-design in ACDF? Results of a Prospective Randomized Single-blind Trial. Nunley PD, Jawahar A, Kerr EJ, Cavanaugh DA, Howard C, Brandao SM. *The Spine Journal*. September 2007 (Vol. 7, Issue 5, Page 53S)

Intradiscal electrothermal therapy (IDET): a viable alternative to surgery for low back pain in workers' compensation patients? Jawahar A, Brandao S, Howard C, Nunley PD. *The Journal of the Louisiana State Medical* 160(5):280-5.

Intraspinal meningioma in a 101-year old: Should age determine the aggressiveness of intervention? Cavanaugh DA, Jawahar A, Nunley PD, et al. *Surgical Neurology*, 03/2008; 69(2):130-4

Primary Osteoblastic Osteosarcoma in an Elderly Female: A Case Report of Perplexing Presentation. Kerr EJ, Nunley PD, et al.: *Anticancer Research* Vol. 26, Issue 4B, Pages 3117-21.

Osteomyelitis of the cervical spine: a potentially dramatic disease. Schimmer RC, Jeanneret C, Nunley PD, Jeanneret B. *J Spinal Disord Tech*, Apr 2002, 15(2) p110-17

The Strength and Stiffness of Thoracic Implant Anchors in Osteoporotic Spines. Butler TE, Asher MA, Jayaraman G, Nunley PD, Robinson RG. *Spine*, Vol. 19, Issue 17, Pages 1956-62, 1994

Arthroscopic Management of the Arthritic Elbow. Savoie FH, Nunley PD, Field LD. *Journal of Shoulder and Elbow Surgery*. 8 (3): 214-219; 1999

Book Chapters

Jacob M. Buchowski, MD, MS; Lali H. S. Sekhon, MD; Do-Heum Yoon, MD; Pierce D. Nunley, MD; John G. Heller, MD; Paul A. Anderson, MD; Rick C. Sasso, MD; and K. Daniel Riew, MD (2010) In Anderson, P.A. (ed) *Techniques in Orthopaedics, Cervical Disc Arthroplasty*. Lippincott Publishers.

Nunley, P.D. (2010) Dynamic versus Static Plates Debate - Dynamic Plates are Better. In Benzel, E.C. (ed) *The Cervical Spine 5th edition*, Philadelphia, PA: Lippincott Williams & Wilkins Publishers.

Nunley, P.D. (2009) Alternative Approaches for Lumbar Fusion: AxiaLIF. In F.A. Sandhu, J M Voyadzis, R G Fessler (Eds.), *Decision Making in Minimally Invasive Spine Surgery*. New York, NY: Thieme Medical Publishers.

Book Chapters (Continued)

Nunley, P.D. (2005) The GEO™ Oval – Anterior vertebral body replacement and interbody fusions. In D.H. Kim, A.R. Vaccaro, R.G. Fessler (Eds.), *Spinal Instrumentation: surgical techniques*. (pp. 795-800). New York, NY: Thieme Medical Publishers.

Nunley, P.D. (2005) The GEO™ Rectangle – Techniques in Posterior Lumbar Interbody Fusion (PLIF) and Transforaminal Lumbar Interbody Fusion (TLIF). In D.H. Kim, A.R. Vaccaro, R.G. Fessler (Eds.), *Spinal Instrumentation: surgical techniques*. (pp. 1050-1055). New York, NY: Thieme Medical Publishers.

RESEARCH ACTIVITIES:

A Study to Compare VITOSS Bioactive® + BMA Versus Osteocel Plus through Radiological and Clinical Outcomes in Extreme-Lateral Interbody Fusions (XLIF®)
Principal Investigator 2010 to Present

A non-randomized prospective multi-center feasibility study of Nucel® in patients receiving fusion for single level degenerative disease of the lumbar spine.
Principal Investigator 2010 to Present

A Pivotal, Multi-Center, Clinical Trial Evaluating The Safety And Effectiveness of The Lumbar TDR Device In Patients With Single-Level Lumbar Degenerative Disc Disease (a.k.a. NuVasive Lateral TDR IDE)
Principal Investigator 2009 to Present

A prospective study utilizing intraoperative epidural injection of Fentanyl and Bupivacaine for post-operative pain management. (IRB Approved study)
Principal Investigator - 2009 to present

Axiomed "Freedom Lumbar Artificial Disc", FDA, Investigational Device Evaluation (IDE) study site.
(Principal Investigator) - 2009 to Present

A Non-Randomized, Prospective, Multicenter Feasibility Study of the Disc Dynamics DASCOR® Disc Arthroplasty Device in the Treatment of Degenerative Disc Disease (PILOT STUDY) (Principal Investigator) - 2008 to Present

A Prospective, Multi-center, Randomized Study Comparing the VertiFlex® Superior™ Interspinous Spacer (ISS) to the X-STOP® Interspinous Process Decompression (IPD®) System in Patients with Moderate Lumbar Spinal Stenosis
(Principal Investigator) - 2008 to present

Multi Center Prospective Study for Clinical and Radiographic Outcomes of Spine Deformity Comparing Set Screws to Taper Lock Instrumentation, Safety and Efficacy (Principal Investigator) 2008 to Present.

Clinical Trial Comparing the Blackstone Advent™ Cervical Disc to Anterior Cervical Discectomy and Fusion (ACDF) for the Treatment of One Level Degenerative Disc Disease (Co-Investigator) – 2008 to present

Multi Center Prospective Study for Clinical and Radiographic Outcomes of Spine Deformity Comparing Set Screws to Taper Lock Instrumentation, Safety and Efficacy (Principal Investigator) – 2007 to Present

In vitro Biomechanical Analysis of the Spine using Pedicle Screws and Rods: Ti-6Al-4V vs. NiTi (Nitinol) 2007-2008

A Multi-Center, Prospective, Randomized, Controlled Clinical Trial Comparing the Safety and Effectiveness of the Mobi-C® Prosthesis to Conventional Anterior Cervical Discectomy and Fusion in the Treatment of Symptomatic Degenerative Disc Disease (DDD) in the Cervical Spine (Principal Investigator) - 2007 to Present

Comparison Of Laminectomy To Laminoplasty Using The ARCH™ Fixation System In Patients With Multiple Level Cervical Spinal Canal Stenosis (Principle Investigator) – 2007-2008

Comparison of dynamic stabilization of the lumbar spine with the Stabilimax NZ™ Dynamic Spine Stabilization System to posterolateral instrumented fusion. (Principle Investigator) – 2007 (Withdrawn)

Research Activities: (Continued)

A Multi-Center, Prospective, Randomized, Controlled Clinical Trial Comparing the Safety and Effectiveness of the Mobi.C@ Prosthesis to Conventional Anterior Cervical Discectomy and Fusion in the Treatment of Symptomatic Degenerative Disc Disease (DOD) in the Cervical Spine (Principle Investigator) – 2007 to Present

Comparison of Optimesh to Allograft Bone for posterior interbody fusion with supplemental screw fixation. – 2006 to present

Biomechanical Effects on Adjacent Segments to Total Disc Arthroplasty versus Interbody Fusion during physiologic range of motion of the Lumbar Spine. Principal Investigator. LSUHSC Department of Orthopaedic Surgery, Biomechanics laboratory. 2006-2007

Kineflex/CTTM Cervical Disc Arthroplasty, FDA, Investigational Device Evaluation (IDE) study site. (Principal Investigator) - 2005 to Present.

KineflexTM Lumbar Disc Arthroplasty, FDA, Investigational Device Evaluation (IDE) study site. (Principal Investigator) - 2005 to Present.

A Randomized, Controlled Clinical Study to Evaluate the Safety and Effectiveness of Cortoss® Synthetic Cortical Bone Void Filler in Vertebral Augmentation. FDA, Investigational Device Evaluation (IDE) study site. 2004 to Present.

Comparison of static versus dynamic plating in anterior cervical fusion for 1, 2 & 3 level fusions. Class I, Prospective, randomized, IRB approved study. 2002 – 2008. (US Principle Investigator)

IDET – Intradiscal Electrothermal Therapy for the treatment of chronic discogenic low back pain. Prospective clinical trial. 1999 – 2006.

Investigational Device Evaluation (IDE) study site for the Synthes Contact Fusion Cage. 1999-2002.

Studying the effects of Transforming Growth Factor Beta and Electromagnetic Fields on Early Fracture Healing in the Fischer Rat Model. 1993-1994

PATENT PORTFOLIO:

Intersomatic cage, intervertebral prosthesis, anchoring device and implantation instruments, Inventors: Allain; Jerome; (Bagnolet, FR) ; Lombard; Jean; (Niort, FR) ; Phelps; Jeff; (North Richland Hills, TX) ; Nunley; Pierce D.; (Shreveport, LA) ; Gordon; Charles; (Tyler, TX) ; Leone; Vincent J.; (Manhasset, NY) ; Hisey; Michael M.D.; (Flower Mound, TX), Application: 20090105832, Date Applied: April 23, 2009

Implantable Cervical Fusion Device, Inventors: Youssef; Jim; (Durango, CO) ; Riew; Daniel; (St. Louis, MO) ; Wang; Jeffrey; (Sherman Oaks, CA) ; Abitbol; Jj; (San Diego, CA) ; Nunley; Pierce Dalton; (Grand Cane, LA), Application #: 20090012620, Date Applied: January 8, 2009

PRESENTATIONS:

International:

Percutaneous MIS Fixation Short Segment - Lecture
SpineMasters, Dubai UAE, May 24, 2010

MIS Thoracic Discectomy - Lecture
SpineMasters, Dubai UAE, May 23, 2010

MIS Lumbar Discectomy - Lecture
SpineMasters, Dubai UAE, May 23, 2010

International: (Continued)

MIS Lab Lead Instructor - MIS Fixation in Complex Spine Surgery and MIS TLIF
SpineMasters, Dubai UAE, May 23-25, 2010

Device Displacement and Reoperation following Cervical TDR: Analysis of probable causes in FIVE consecutive cases
International Meeting on Advanced Spine Techniques, 16th Annual Meeting. Vienna, Austria July 17th, 2009

Total Disc Arthroplasty Affords Quicker Recovery in One-level Degenerative Disc Disease of Cervical Spine: Preliminary
Results of a Prospective Randomized Trial (Podium Presentation)
North American Spine Society, 23rd Annual Meeting. Toronto, Canada. October 15th, 2008

Minimally Invasive Spine Surgery - The Future of Spine Surgery.
K2M Annual National Sales Meeting
Toronto, Canada. October 14th, 2008.

“Minimally Invasive Lumbar Fusion – TLIF and Pedicle Screw Instrumentation”
20th Annual Disorders of the Spine
Whistler, Canada. January 20-22, 2008 (3 workshop presentations & Laboratory and case discussion moderator)

Comparison of Pressure-Effects on Adjacent Disc Levels Following 2-Level Lumbar Constructs:
Fusion, Hybrid and Total Disc Replacement (PODIUM)
Spine Arthroplasty Society, 7th Annual Meeting,
Berlin, Germany. May 3, 2007

A Prospective Randomized Study Comparing Two Lumbar Total Disc Replacement Devices (POSTER)
Authors: Richard D. Guyer, M.D., Pierce Nunley, M.D., Scott L. Blumenthal, M.D., et. Al.
Spine Arthroplasty Society, 7th Annual Meeting,
Berlin, Germany. May 1-4, 2007

Intradiscal Eletrothermal Therapy (IDET) for Low Back Pain in Worker’s Compensation Patients:
Long Term Results (POSTER)
Spine Across the Sea 2006 (sponsored by NASS & Japanese Spine Research Society)
Maui, HI July 23-27, 2006

“Cervical Pseudarthrosis following ACF with Plating – Treatment Options and Rationale”
17th Annual Disorders of the Spine (PODIUM)
Whistler, Canada. January 20, 2005

“Lumbar Fusion Cages – Geo™ PLIF and ALIF applications in the Lumbar Spine”
17th Annual Disorders of the Spine
Whistler, Canada. January 2005 (5 presentations & workshop instructor)

“Lumbar Fusion Cages – Geo™ PLIF and ALIF applications in the Lumbar Spine”
16th Annual Disorders of the Spine
Whistler, Canada. January 2004 (4 presentations and lead workshop instructor)

“Lumbar Fusion Cages – Geo™ PLIF and ALIF applications in the Lumbar Spine”
15th Annual Disorders of the Spine
Whistler, Canada. January 2003 (5 presentations and lead workshop instructor)

International: (Continued)

“Image Acquisition, Processing, and Organization for Medical Presentations.” (PODIUM)
15th Annual Disorders of the Spine
Whistler, Canada. January 22, 2003.

“Lumbar Fusion Cages – Geo™ PLIF and ALIF applications in the Lumbar Spine” (PODIUM)
14th Annual Disorders of the Spine
Whistler, Canada. January 2002 (5 presentations and lead workshop instructor)

"Management of Discogenic Pain of the Lumbar Spine." (PODIUM)
Current Concepts in the Treatment of Spinal Disorders.
Cancun, Mexico. January 1999

"Operative Treatment of Lumbar Disc Disease with Discogenic Pain."
5th International Meeting on Advanced Spine Techniques.
Sorrento, Italy. May 1998

National:

Total disc arthroplasty does not affect the incidence of adjacent segment degeneration in cervical spine: Results of 93 patients in three prospective randomized clinical trials

[Outstanding Papers Session]

North American Spine Society, 25th Annual Meeting
Orlando, FL October 7th, 2010

Incidence of Adjacent Level Disease Is Equivalent in Cervical Spine after ACDF and Total Disc Arthroplasty: Multi-Institutional Experience from Three Prospective Randomized Trials

[Neurosurgical Forum Paper]

Congress of Neurosurgeons, 2010 Annual Meeting
San Francisco, CA October, 18th, 2010

Long-Term Results for Improvement of Function after Vertebroplasty in Patients with Osteoporotic Compression Fractures: Does Implant Material Make a Difference? (POSTER)
Congress of Neurosurgeons, 2010 Annual Meeting
San Francisco, CA October, 16-21, 2010

DEBATE: What is the Best Treatment Option for Lumbar and Thoracolumbar Curves: Open Anterior/Posterior vs. Open Posterior Only vs. MIS

Moderator: Khaled Kebaish, MD, Open Anterior/Posterior: John Kostuik, MD, Open Posterior Only: David Polly, MD
MIS: Pierce Nunley, MD
Complex Spine Study Group
Washington, DC. August 6th, 2010

K2M Minimally Invasive Surgeon Training Course - Course Director
Washington DC, June 11-12, 2010

K2M Minimally Invasive Surgeon Training Course - Course Director
Chicago, IL May 14-15, 2010

Vertebroplasty and Kyphoplasty: Indications, Controversies and Credentialing (Invited Symposium Faculty)
American Association of Neurological Surgeons 2010 Annual Meeting
Philadelphia, PA May 3, 2010

National: (Continued)

Correlation of Fill Volume to Subsequent Fracture Rates After Vertebroplasty For Compression Fractures: A Prospective Randomized Trial (Poster)

American Association of Neurological Surgeons 2010 Annual Meeting
Philadelphia, PA May 1-5, 2010

Prospective Multi-Center Study of Optimesh Conformable Device Used for Intervertebral Body Fusion (Poster)

Authors: Perez-Cruet, . . . Nunley PD, et al
American Association of Neurological Surgeons 2010 Annual Meeting
Philadelphia, PA May 1-5, 2010

Direct Comparison of Two Lumbar Total Disc Replacement Devices: Results from a Prospective, Randomized, Multicenter FDA-regulated Trial Authors: Cappuccino A, Guyer RD, . . Nunley PD, et al.

Spine Arthroplasty Society 10th Annual Meeting
New Orleans, LA April 27th, 2010

Prospective, Randomized Study Comparing Cervical Total Disc Replacement to Anterior Cervical Fusion: Results from an FDA-regulated IDE Trial Authors: Guyer RD, Laurysen C, . . . Nunley PD, et al

Spine Arthroplasty Society 10th Annual Meeting
New Orleans, LA April 30th, 2010

Radiographic Comparison of Two Lumbar Total Disc Replacement Devices: Results from a Prospective, Randomized, Controlled Multicenter FDA-regulated Trial (Poster)

Spine Arthroplasty Society 10th Annual Meeting
New Orleans, LA April 27-30, 2010

Two Year Interim Clinical Results of Nucleus Replacement Using the DASCOR Disc Arthroplasty System: Results from Prospective Multicenter US Studies. (Poster)

Spine Arthroplasty Society 10th Annual Meeting
New Orleans, LA April 27-30, 2010

K2M Minimally Invasive Surgeon Training Course - Course Director
Dallas, TX April 23-24, 2010

K2M Minimally Invasive Surgeon Training Course - Course Director
Los Angeles, CA March 26-27, 2010

K2M Minimally Invasive Surgeon Training Course - Course Director
Tampa, FL February 19-20, 2010

Cortoss Bone Augmentation Material - IDE Study Results and NEJM Article Review

Selby Spine Conference 2010
Park City, UT. February 6th, 2010

Complications in the First Hours After Surgery: What is Safe in the Ambulatory Arena?

Emerging Technologies Spine Education Summit
Steamboat Springs, CO. January 17th, 2010

Debate: Is it Time to Bail-Out of Medicare? Nunley PD vs. Albert TA

Emerging Technologies Spine Education Summit
Steamboat Springs, CO. January 15th, 2010

National: (Continued)

A Class I FDA-IDE Trial Comparing Long-Term Pain Results, Subsequent Fracture Rates, and Leak Patterns in patients Receiving Vertebroplasty Using Cortoss Or PMMA for Osteoporotic Compression Fractures - Poster
North American Spine Society, 24th Annual Meeting
San Francisco, CA. November 10-14, 2009

A Comparison of Clinical Outcomes and Adjacent Level Fractures in Patients Receiving Vertebroplasty for Osteoporotic Compression Fractures Using Cortoss or PMMA: Prospective, Randomized Trial

[Top 10 Papers Session]

Congress of Neurosurgeons, 2009 Annual Meeting
New Orleans, LA. October 26, 2009

MIS Pedicle Screw and TILF Lab Leader
Society for Minimally Invasive Surgery
Las Vegas, NV November 12, 2008

Case Presentations: Pearls, Tips and Tricks from the 1st year experience
Vertiflex Superior ISSS US IDE Principal Investigators Meeting
Chicago, IL September 26th, 2009

Keynote Speaker: Utilizing Minimally Invasive Techniques in Complex Spinal Reconstructions
North Carolina Spine Society Annual Meeting
Pinehurst, NC August 28, 2009

“Worst Complication” case presentations. Moderator for case presentations from the membership.
North Carolina Spine Society Annual Meeting
Pinehurst, NC August 28, 2009

MIS Pedicle Screw and MIS TLIF Laboratory Co-Leader
Complex Spine Study Group
Washington, DC. August 7th, 2009

DEBATE: MIS vs. Open Lumbar Fusion for Grade I Spondylolisthesis, L5-S1.
Position: MIS
Complex Spine Study Group
Washington, DC. August 7th, 2009

Disc arthroplasty does NOT reduce adjacent level disc pressures in the lumbar spine: A Biomechanical Study
American Academy of Orthopaedic Surgeons 2009 Annual Meeting
Las Vegas, NV February 25th, 2009

Minimally Invasive Surgery Techniques in Complex Spine Surgery - Case Presentation
Complex Spine Study Group
Phoenix, AZ. February 20th, 2009

Complications and Management of Lumbar Total Disc Arthroplasty
Emerging Technologies Spine Education Summit
Steamboat Springs, CO. February 7th, 2009

Parkinson's - A Comorbidity in Spine Surgery
Selby Spine Conference 2009
Park City, UT. January 30th, 2009

National: (Continued)

Minimally Invasive Surgery Applications in Complex Spinal Reconstructive Surgery
Cleveland Clinic Grand Rounds Visiting Professor
Cleveland, OH November 21st, 2008

MIS TLIF and Pedicle Screw Course Instructor
Society for Minimally Invasive Surgery
Las Vegas, NV November 15th, 2008

Does Cervical Arthroplasty Speed Up Recovery compared to ACDF. Results of a Randomized IDE Trial.
Congress of Neurosurgeons (CNS) ? Annual Meeting
Orlando, FL September 22nd, 2008

Debate: Lumbar TDR's are the surgical treatment of choice for young adults with painful intervertebral disc disease at L5-S1 –
Position: AGAINST
Point-Counter-Point Surgeon Panel Debates
Key West, FL May 29-June 1, 2008

Debate: Physician relationships and investments within the industry – ethical and/or legal problem or not? Position: FOR
Point-Counter-Point Surgeon Panel Debates
Key West, FL May 29-June 1, 2008

In vitro Biomechanical Analysis of the Spine Using Pedicle Screws and Rods: Ti-6Al-4V vs. NiTi (Nitinol) (POSTER)
Spine Arthroplasty Society 8th Annual Meeting
Miami, FL May 6-9, 2008.

Prospective Randomized Clinical Trial to Compare the Clinical Outcomes of Total Disc Arthroplasty with ACDF in One-level Degenerative Disc Disease of Cervical Spine: Preliminary Results (POSTER)
Spine Arthroplasty Society 8th Annual Meeting
Miami, FL May 6-9, 2008.

Motion or Fusion? --- Fusion? Biomechanics and clinical data of promising next generation 'stand-alone' anterior implants
Spine Arthroplasty Society 8th Annual Meeting, PODIUM
Miami, FL May 8th, 2008.

The X-STOP® IPD Critical Review of system and current clinical data
ISIS Investigator Meeting and Superior Certification Training
San Clemente, CA May 3, 2008

“Legislative Symposium: Gain Sharing and Physician Investment in Ancillary Services”
Emerging Technologies Spine Education Summit, 4th Annual Meeting
Jackson Hole, WY. February 7, 2008

“OptiMesh and Allograft for Fusion – Early Results of the US IDE Multi-Center Study”
Emerging Technologies Spine Education Summit, 4th Annual Meeting
Jackson Hole, WY. February 8, 2008

“P4P and PQRI – Outcomes are the future. An introduction to a powerful Web-Based Outcome Tool to be competitive in outcomes data collection”
Selby Spine 2008
Park City, UT February 2, 2008

National: (Continued)

“Cortoss Vertebroplasty – Results and Case Presentations of the US IDE Study”
Selby Spine 2008
Park City, UT February 1, 2008

“Posterior Cervical Foraminotomy- MIS (Minimally Invasive Surgery) is better”
NASS Annual Meeting Symposium: **Minimally Invasive Surgery: Is it worth the Switch?**
North American Spine Society, 22nd Annual Meeting. Austin, TX October 27, 2007

“Fusion versus Hybrid after 2-level lumbar discectomy: Does the construct actually affect pressure at adjacent levels? A biomechanical study” (POSTER)
North American Spine Society, 22nd Annual Meeting. Austin, TX October 23-27, 2007

“Should number of levels determine the choice of plate-design in ACDF? Results of a prospective randomized single-blind trial “ (Podium)
North American Spine Society, 22nd Annual Meeting. Austin, TX October 25, 2007

“Dynamic vs. Static Plates for Single vs. Multi-Level ACDF: Results of a Prospective Randomized Single-Blind Trial”
14th Advanced Techniques in Cervical Spine Decompression and Stabilization Course
St. Louis University/Washington University, St. Louis, MO, August 3, 2007

“AxiaLIF: Biomechanics and Cumulative Multi-Center Outcomes Data”
Emerging Technologies Spine Education Summit, 3rd Annual Meeting
Telluride, CO. February 9, 2007

“Surgeon Collaboration Tools: The Future is here”
Selby Spine 2007
Park City, UT February 3, 2007

“AxiaLIF: Innovative LEAST invasive approach to L5-S1 Lumbar Fusion”
Selby Spine 2007
Park City, UT February 2, 2007

“A Prospective Randomized Trial to Compare the long-term Clinical and radiological outcomes of ACDF surgery using Dynamic Versus Static Cervical Plates”
Cervical Spine Research Society
Palm Beach, FL November 2006

“XLIF (eXtreme Lateral Interbody Fusion)”
Baylor College of Medicine Grand Rounds – Invited Guest Speaker
Houston, TX September 1st, 2006

“XLIF: Minimally Invasive Far-Lateral, Utilitarian Approach to the Lumbar Disc ”
Selby Spine 2005, Park City, UT, February 2006.

“The Role of Internet Collaboration in Evidence – Based Medicine”
Selby Spine 2005, Park City, UT, February 2006.

“Overview of Whiplash Injury.” Lecturer and Session Moderator
Emerging Technologies in Spine Education Summit, 2nd Annual Meeting
Telluride, CO, January 26, 2006.

National: (Continued)

“Surgical Management of Whiplash.” Lecturer and Session Moderator
Emerging Technologies in Spine Education Summit, 2nd Annual Meeting
Telluride, CO, January 26, 2006.

“Decreased Fusion Rates Following IDET Treatment”. Lecturer and Session Moderator
Emerging Technologies in Spine Education Summit, 2nd Annual Meeting
Telluride, CO, January 27, 2006.

“Interesting Cervical and Lumbar Cases” – Case discussion session
SeaSpine Annual Users Meeting, Dana Point, CA August 26th-28th, 2005.

“Dynamic Stabilization of the Lumbar Spine – Dynesys Update”
Selby Spine 2005, Park City, UT, February 2005.

“Cervical Plating – Dynamic vs. Static: Which is better?”
Selby Spine 2005, Park City, UT, February 2005.

“Enhancing Patient Care through Advanced Diagnostic Image Management”
WebMD National Users Conference. Orlando, FL, May 13, 2004.

“EMR - The conversion to a Paperless & Filmless office”
Selby Spine 2004, Park City, UT, January 2004.

“IDET - A worthwhile tool in the treatment of Chronic Discogenic Low Back Pain”. American Academy of Disability
Evaluating Physicians, 17th Annual Scientific Session. New Orleans, LA November 15, 2003

“Anterior Column Support in Lumbar Fusion Surgery”. Facilitating Fusion with Biologics and Spinal Hardware.
Renaissance Harborplace Hotel. Baltimore, MD. June 20th-21st, 2003.

"Innovations in Lumbar Surgery" an Instructional Course Lecture,
21st Annual Congress of the National Association of Orthopaedic Nurses
New Orleans, LA. June 2001.

Instructor at Synthes USA Spine Intermediate Training Class
Paoli, PA. October 1998

"Arthroscopic Ulnohumeral Arthroplasty of the Elbow."
Annual Meeting of the American Academy of Orthopaedic Surgeons
Atlanta, GA. February 1996

"Effects of Transforming Growth Factor-Beta and Electromagnetic Fields on Early Fracture Healing in the Fischer Rat."
American Orthopaedic Association, 28th Annual Resident's Conference
Pittsburgh PA. March 1995

Regional:

“Diagnosis and Treatment of Discogenic Pain – Non-operative and Operative”
Louisiana Association of Nurse Practitioners, 12th annual Meeting
Shreveport, LA October 7th, 2006

Regional (Continued):

“Current Treatments for Discogenic Pain – The Role of the Artificial Disc”
Mid South Occupational & Environmental Association Annual Meeting
Shreveport, LA November 12, 2005

“Diagnosis and Current Treatment of Discogenic Low Back Pain”
Green Clinic, Ruston, LA August 6th, 2005

“Neck Injuries, Surgery, and Return to Play in the Athlete”
Annual Meeting of the Louisiana Athletic Trainers Association
Shreveport, LA. June 2001

“The Biology of Bone Healing in Spinal Fusions” &
“FRA Technique in Spinal Fusion Surgery” (2 separate lectures)
Current Concepts in Lumbar Spinal Fusions, Synthes USA
New Orleans, August 25-26, 2000

"Neck and Back Update - Current & New Treatments." Community Education Program.
Shreveport, LA. April 1999

"Diagnosis and Treatment of Two Common Spinal Disorders: Lumbar Herniated Nucleus Pulposus and Degenerative Disc Disease with Chronic Discogenic Pain." 7th Annual Perianesthesia Conference.
Springfield, MO. September 1998

"Stabilization and Treatment of Long Bone Fractures of the Lower Extremities."
Emergency Department Monthly Guest Speaker.
Springfield, MO. August 1998

"Percutaneous Epiphysiodesis for Leg Length Inequality."
Annual LSUMC Orthopaedic Surgery Research Conference
Shreveport, LA. June 1996

"Arthroscopic Ulnohumeral Arthroplasty for Severe Degenerative Joint Disease of the Elbow."
Annual Meeting of the Louisiana Orthopaedic Association,
New Orleans, LA. September 1995

"Arthroscopic Ulnohumeral Arthroplasty for Severe Degenerative Joint Disease of the Elbow."
Annual LSUMC Orthopaedic Surgery Research Conference
Shreveport, LA. June 1995

"Effects of Transforming Growth Factor Beta and Electromagnetic Fields on Early Fracture Healing in the Fischer Rat."
Annual Meeting of the Louisiana Orthopaedic Association,
New Orleans, LA. October 1994

"Effects of Transforming Growth Factor Beta and Electromagnetic Fields on Early Fracture Healing in the Fischer Rat."
Annual LSUMC Orthopaedic Surgery Research Conference,
Shreveport, LA. June 1994

"Comparison of Primary Pontoon Spica Casting versus Traction with Secondary Spica Casting for Treatment of Diaphyseal Femur Fractures in the Pre-Adolescent Age Group."
Annual LSUMC Orthopaedic Surgery Research Conference
Shreveport, LA. June 1993

CONTINUING MEDICAL EDUCATION

Total Hours 2010: 6 Hours Accredited + 74.5 Hours Non-Accredited	80.5
Dubai SpineMasters, 3 rd Annual International Meeting Minimally Invasive Spine Techniques: Masters Update Dubai, UAE May 23-27	12
2010 AANS Annual Scientific Meeting Philadelphia, PA. May 1-5, 2010	4
SAS 10 New Orleans, LA April 27-30, 2010	12
Federation of Spine Associations New Orleans, LA March 13, 2010	4
American Academy of Orthopaedic Surgeons 2008 Annual Meeting New Orleans, LA March 9-12, 2010	12
Emerging Technologies Spine Education Summit Steamboat Springs, CO January 14-17, 2010	18
Selby Spine Conference 2009 Park City, UT. February 3-6, 2010	12.5
Complex Spine Study Group San Diego, CA January 8-9, 2010	*6

Total Hours 2009: 155.25 Hours Accredited + 35 Hours Non-Accredited	190.25
North American Spine Society, 24 th Annual Meeting San Francisco, CA. November 10-14, 2009	12
Congress of Neurosurgeons, 2009 Annual Meeting New Orleans, LA. October 24-26, 2009	10
Society for Minimally Invasive Surgery Las Vegas, NV November 10-12, 2008	12
Vertiflex Superior ISSS US IDE Principal Investigators Meeting Chicago, IL September 26 th , 2009	*6
Orthofix Blackstone Advent US IDE Investigators Meeting Dallas, TX September 12 th , 2009	*4
Scoliosis Research Society 44 th Annual Meeting San Antonio, TX, September 23-25, 2009	14
North Carolina Spine Society Annual Meeting Pinehurst, NC August 27-28, 2009	4.25
Complex Spine Study Group Washington, DC. August 7th, 2009	8*
Proctorship for Lateral TDR IDE Study with Luiz Pimenta Sao Paulo, Brazil August 3-4, 2009	9*
American Board of Orthopaedic Surgery, Maintenance of Certification Oral Examination Chicago, IL July 20 th , 2009	25
American College of Spine Surgery Annual Meeting Newport Beach, CA June 4-6, 2009	9
Controversies in Contemporary Spine Surgery Washington, DC May 16, 2009	4
SAS 9 London, England 4/28 – 5/2, 2009	17

American Academy of Orthopaedic Surgeons 2009 Annual Meeting Las Vegas, NV February 25-28, 2009	18
Complex Spine Study Group Phoenix, AZ. February 20 th , 2009	8*
Emerging Technologies Spine Education Summit Steamboat Springs, CO February 4-7, 2009	18.5
Selby Spine Conference 2009 Park City, UT. January 28-31, 2009	11.5

Total Hours 2008: 136.5 Hours Accredited + 55.0 Hours Non-Accredited	191.5
Proctorship with Dr. Oheneba Boachie-Adjei MD at Hospital for Special Surgery New York, NY. December 9-11, 2009	10*
Society for Minimally Invasive Surgery Las Vegas, NV November 13-15, 2008	10
North American Spine Society, 23 rd Annual Meeting Toronto, Ontario, Canada. October 14-18, 2008.	20
Scoliosis Research Society 43 rd Annual Meeting Salt Lake City, UT September 11-13, 2008	13
Congress of Neurosurgeons, 2008 Annual Meeting Orlando, FL September 21-24, 2008	10
DASCOR Investigator Training Dallas, TX August 29 th , 2008	6*
Point-Counter-Point Surgeon Panel Debates Key West, FL May 29-June 1, 2008	7*
3 rd Annual Ascend Course: Controversies in Contemporary Spine Surgery Washington, D.C. May 16-17, 2008	3.5
SAS8 (Spine Arthroplasty Society, 8 th Annual Meeting) Miami, FL May 6-10, 2008	15
ISISS Investigator Meeting and Superior Certification Training San Clemente, CA May 2-3, 2008	8*
Visiting Surgery Professor – Mr. Ross Manchester, England March 28-29, 2008	8*
Visiting Surgery and Clinic Professor - Prof. Jérôme Allain, M.D. Service de Chirurgie Orthopédique, Hospital Henry Mondor Paris, France March 24-27, 2008	16*
Federation of Spine Associations San Francisco, CA March 8, 2008	8.5
American Academy of Orthopaedic Surgeons 2008 Annual Meeting San Francisco, CA March 5-9, 2008	20
Emerging Technologies Spine Education Summit Jackson Hole, WY February 6-9, 2008	15
Selby Spine Conference 2008 Park City, UT. January 30-February 2, 2008	12
Disorders of the Spine, 20 th Annual Meeting Whistler, Canada. January 19-23, 2008	9.5

Total Hours 2007: 173.0 Hours Accredited + 48.5 Hours Non-Accredited	221.5
Introduction to Evidenced Based Medicine NASS Sponsored Online Course, December 2007 (Multiple Sessions)	18
JBJS CME Exam: CME 4: October, November, December 2007 JBJS Website, December 2007	10
Cervical Spine Research Society 35 th Annual Meeting San Francisco, CA November 28 th -December 1 st , 2007	17
JBJS CME Exam Spine Test 10, Fall 2006 JBJS Website (Completed: 11/11/2007)	4
North American Spine Society, 22 nd Annual Meeting Austin, TX October 23-27 2007	27
Synthes ProDisc-L Training SpineMark Medical Conference Center, Dallas, TX September 14-15, 2007	8*
JBJS CME Exam: CME 2: April, May, June 2007 JBJS Website (Completed: 9/12/2007)	10
14 th Advanced Techniques in Cervical Spine Decompression and Stabilization Course St. Louis University/Washington University, St. Louis, MO, August 3-4,2007	16.5
Complex Spine Study Group Washington, D.C., July 27 th , 2007	7*
4 th Annual, Innovative Techniques in Spine Surgery Los Cabos, Mexico, June 27-30, 2007	12.5
GPS Summit Colorado Springs, CO June 7-9, 2007	11*
STALIF Summit & Regatta Newport, RI June 2, 2007	3.5*
Collaborative IRB Training Initiative (CITI) Online Training and Testing University of Miami & Western Institutional Review Board, May 9, 2007	2*
Global Symposium on Motion Preservation Technology Spine Arthroplasty Society, 7 th Annual Meeting Berlin, Germany May 1-5, 2007	25
LDR Spine Mobi-C Investigators Meeting Phoenix, AZ April 14-15,2007	4*
2 nd Annual Ascend Course: Controversies in Contemporary Spine Surgery Phoenix, AZ February 23-24, 2007	3.5
Lateral Access Proctor and New Technique Training San Diego, CA February 12-13, 2007	8*
Emerging Technologies Spine Education Summit Telluride, CO February 7-10, 2007	18
Selby Spine Conference 2007 Park City, UT. January 31-February 3, 2007	11.5
Spinal Motion Cervical Principal Investigators Meeting Dallas, TX. January 26 ⁻²⁷ , 2007	5*

Total Hours 2006: 147.0 Hours Accredited + 0 Hours Non-Accredited	147.0
Cervical Spine Research Society 34 th Annual Meeting Palm Beach, FL November 30 th -December 2 nd , 2006	15
North American Spine Society, 21 st Annual Meeting Seattle, WA September 26 th -30 th , 2006	25
Spine Across the Sea 2006 (sponsored by NASS & Japanese Spine Research Society) Maui, HI July 23-27, 2006	20.5
American College of Spine Surgery 8th Annual Meeting and Spine Surgery Review Course Colorado Springs, CO May 4-7, 2006	18.5
Federation of Spine Associations Chicago, IL February 16, 2002	8.5
American Academy of Orthopaedic Surgeons, 73rd Annual Meeting Chicago, IL March 22-26, 2006	31
Emerging Technologies Spine Education Summit Telluride, CO January 26-28, 2006	16
Selby Spine Conference 2006 Park City, Utah February 1-4, 2006	12.5

Total Hours 2005: 105 Hours Accredited + 58 Hours Non-Accredited	163
Spinal Focus 2005 New York, New York Dec 9-10, 2005	10*
Kineflex Lumbar & Cervical Disc Replacement Training Shreveport, LA November 4, 2005	6*
North American Spine Society, 20th Annual Meeting Philadelphia, PA September 27 th – October 1 st , 2005	24.5
SeaSpine Users Meeting Dana Point, CA August 26-28, 2005	10*
World Spine III Rio de Janeiro, Brazil July 31-August 3, 2005	22.5
Operated with Luiz Pimenta Sao Paulo, Brazil July 29-31, 2005	16*
Artificial Disc Revision Course Memphis, TN April 28-29, 2005	8*
Emerging Technologies Spine Education Summit Telluride, CO March 3-5, 2005	15
XLIF & Minimally Invasive TLIF Didactic and Cadaveric Course – Drs. Pimenta & Peterson San Diego, CA February 20-21, 2005	8*
Selby Spine Conference 2005 Park City, Utah February 2-5, 2005	10.5
Disorders of the Spine, 17 th Annual Meeting Whistler, Canada. January 15-21, 2005	32.5

Total Hours 2004: 90 Hours Accredited + 28 Hours Non-Accredited	118
PRINCIPLES OF DYNAMIC STABILIZATION - THE DYNESYS SYSTEM University of Pittsburgh, Dept. of Neurosurgery, Pittsburgh, PA December 17-18, 2004	8*
CHARITÉ Artificial Disc Training Course The Center for Spine Arthroplasty, Cincinnati, OH December 16-17, 2004	9*
Risk Management Rounds: Physicians Medical Risk Management, Inc., Houston, Texas	5
North American Spine Society, 19th Annual Meeting Chicago, IL October 25-30, 2004	29.5
American College of Spine Surgery 6th Annual Meeting and Spine Surgery Review Course Scottsdale, AZ September 22-26, 2004	21
Selby Spine Conference 2004 Park City, Utah February 28-31, 2004	11*
Disorders of the Spine, 16 th Annual Meeting Whistler, Canada. January 17-23, 2004	34.5

Total Hours 2003: 89.5 Hours Accredited + 21 Hours Non-Accredited	110.5
American Academy of Disability Evaluating Physicians, 17 th Annual Scientific Session New Orleans, LA November 13-15, 2003	12
North American Spine Society, 18th Annual Meeting San Diego, CA October 21-25, 2003	28
Lumbar Spine – Challenges & Innovations Scottsdale, AZ. September 18-20, 2003	10*
Occupational Care Management Conference – Patient Care The Johns Hopkins University, New Orleans, LA August 16-17, 2003	12
The Downward Spiral of Vertebral Osteoporosis Cedars-Sinai Medical Center, June 26, 2003	3
Selby Spine Conference 2003 Park City, Utah February 6-9, 2003	11*
Disorders of the Spine, 15 th Annual Meeting Whistler, Canada. January 19-25, 2003	34.5

Total Hours 2002: 96 Hours Accredited + 11 Hours Non-Accredited	107
North American Spine Society, 17th Annual Meeting Montreal, Quebec October 29-November 2, 2002	28.5
Interbody Challenges of the Lumbar Spine – Discussion Group Carlsbad, CA September 12-14, 2002	8*
INFUSE Bone Graft/LT-CAGE National Educational Videoconference Dallas, TX July 20, 2002	3*
Jousting, Chart Wars, Falling on the Sword -- Avoid the Classics LAMMICO Online Lecture Series, Shreveport, LA June 27, 2002	1
Informed Consent Update LAMMICO Lecture Series, Shreveport, LA March 26, 2002	1
American Academy of Orthopaedic Surgeons, 69th Annual Meeting Dallas, TX February, 13-17, 2002	24
Federation of Spine Associations Dallas, TX February 16, 2002	7
Disorders of the Spine, 14 th Annual Meeting Whistler, Canada. January 19-25, 2002	34.5

Total Hours 2001: 47.5 Hours Accredited + 33 Hours Non-Accredited	80.5
North American Spine Society, 16th Annual Meeting Seattle, WA October 31-November 4, 2001	26.5
Advances in Vertebroplasty American OsteoMedix/Interpore-Cross New Orleans, LA October 12-13, 2001	8*
CPTE, E&M, and ICD-9 coding for the Physician Shreveport, LA August 16, 2001	2
Medical Ethics – PDR.NET Online Education, CMEweb – Sections 503, 504, 505, 506 July 14, 2001	6
Interbody Challenges of the Lumbar Spine Discussion Group (An “Invitation Only” meeting of experts in Lumbar Interbody technology) Moderator – Hallett H. Mathews, MD, MidAtlantic Spine Specialists, Medtronic Cabo San Lucas, Mexico. June 21-23, 2001	8 *
Medical Privacy and Security LAMMICO Lecture Series, Shreveport, LA 6/5/2001	1
Indications & Techniques for Anterior Cervical Spine Plating Interpore Cross Cervical Spine Study Group Annual Meeting Cancun, Mexico, May 11-13, 2001	5 *
Why Patients Become Plaintiffs LAMMICO Lecture Series, Shreveport, LA 4/24/2001	1
Selby Spine Conference 2001 Park City, Utah February 8-10, 2001	11
Modern Concepts in Anterior Lumbar Surgery 2001 DePuy AcroMed, New Orleans, LA January 11 - 13, 2001	12 *

Total Hours 2000: 82.5 Hours Accredited + 15 Hours Non-Accredited	97.5
Kyphon Vertebroplasty Training Workshop Memphis, TN October 13-14, 2000	7 *
North American Spine Society, 15th Annual Meeting New Orleans, LA October 24-28, 2000	26
Osteoporosis: Rationale & Current Trends in Treatment Shreveport, LA September 27, 2000	1
Degenerative Spinal Disease: Selecting Surgical Techniques 6 th Spine Surgeons International Symposium Napa, CA. September 21-23, 2000	12
Spinal Osteoplasty/Vertebroplasty American OsteoMedix Ellicott, MD. July 21-22, 2000	8 *
Practical Steps to Avoid Fraud & Abuse LAMMICO CME, Shreveport, LA 7/18/00	1
Amer. Academy of Orthopedic Surgeons, 67th Annual Meeting Orlando, FL March 15-19, 2000	24.5
Federation of Spine Associations Orlando, FL March 19, 2000	7
Selby Spine Conference 2000 Winter Park, CO February 9-13, 2000	11

Total Hours 1999: 119.5 Hours Accredited	119.5
Current Concepts in the Treatment of Spinal Disorders West Virginia School of Medicine Cancun, Mexico January 8-10, 1999	8
Bone Growth Factors & Substitutes: The Next Generation for Spinal Fusion Keystone, Colorado December 11-12, 1999	10
North American Spine Society, 14th Annual Meeting Chicago, IL October 20-24, 1999	28
AAOS Practical Strategies in Spine Surgery; Current Applications & Techniques Chicago, IL August 5-8, 1999	24
CME under the SEA Belize May 8-16, 1999	7
American Academy of Orthopaedic Surgeons, 66th Annual Meeting Anaheim, CA February 3-8, 1999	28.5
Federation of Spine Associations Anaheim, CA February 7, 1999	7
Current Concepts in the Treatment of Spinal Disorders Cancun, Mexico January 7-10, 1999	7

Total Hours 1998: 91.15 Hours Accredited + 12 Hours Non-Accredited	103.15
North American Spine Society, 13th Annual Meeting San Francisco, CA October 1998	21.65
Adult Spine Self-Assessment Examination July 1998	10
Surgical Observation Workshop Twin Cities Spine Center Minneapolis, MN. May 1998	12 *
Adult Spine Self-Assessment Examination May 1998	10
5th International Meeting on Advanced Spine Techniques Sorrento, Italy May 1998	16.0
American Academy of Orthopaedic Surgeons, 65th Annual Meeting New Orleans, LA March 1998	26.5
Federation of Spine Associations New Orleans, LA March 1998	7.0

Total Hours 1997: 59 Hours Accredited + 16 Hours Non-Accredited	75
North American Spine Society 12th Annual Meeting New York, NY October 1997	33
AO Advanced Forum for Spine Surgeons Nottingham, England September 1997	26
BAK Training Course, Dallas Spine Group. Dallas, TX January 10, 1997	8*
MicroEndoscopic Discectomy Training, K. Foley, M.D. Memphis, TN January 1997	8 *

Total Hours 1996: 110.5 Hours Accredited + 25 Hours Non-Accredited	135.5
EuroSpine '96 - European Spine Society Zurich, Switzerland October 1996	25 *
Southwestern Orthopaedic Surgery Review, May 10-12, 1996	25
12th Annual Comprehensive Review Course March 1996	50
American Academy of Orthopaedic Surgeons 63rd Annual Meeting Atlanta, GA February 1996	28.5
Federation of Spine Associations Atlanta, GA February 1996	7.0
Orthopedic Research Society Annual Meeting San Francisco, CA February 1996	29.0
* = indicates the hours are NOT accredited. Given simply to indicate the number of hours of educational activity.	

PERSONAL & PROFESSIONAL REFERENCES:

Furnished upon request