

Mark C. Valente, D.O.
6200 Preston Rd. Suite 300
Plano, TX 75024
972-707-0005

2013-Present **Spine Surgeon**
Founder & Medical Director
DISC Spine Institute
Plano, TX

2010-2013 **Spine Surgeon**
Private Practice
Dallas, TX

Professional Appointments

2017-Present **I-35 Healthcare Management**
Board member
Fort Worth, TX

2014-Present **Chief Medical Officer**
Evolution Spine, LLC
Dallas, TX

2013-Present **Medical Director**
DISC Spine Institute

2019-Present **Compliance Committee**
Parkway Surgical and Cardiovascular Hospital
Ft. Worth, TX

2018-2020 **Vice Chief of Staff**
Parkway Surgical and Cardiovascular Hospital
Ft. Worth, TX

2015-2019 **Physician Advisory Committee**
Parkway Surgical and Cardiovascular Hospital
Fort Worth, TX

2018 **Top10MD Physician Advocate Board**
Dallas, TX

2016-2018 **Medical Executive Committee Secretary**
Parkway Surgical and Cardiovascular Hospital
Ft. Worth, TX

2015-2016 **Board Member**
Elite Orthopedic and Spine Surgery Center
Bedford, TX

2011-2013 **Medical Executive Committee**
Minimally Invasive Spine Institute

Dallas, TX

2009-2010 **Clinical Instructor**
University of California, San Diego, School of Medicine
Department of Orthopaedic Surgery

2007-2010 **Clinical Instructor**
Michigan State University
College of Osteopathic Medicine
Department of Osteopathic Surgical Specialties

Education

2009-2010 **University of California at San Diego**
Spine Surgery Fellow
Mentors: Steven Garfin, M.D., Yu-Po Lee, M.D., Todd Allen, M.D., PhD

2005-2009 **Michigan State University**
Botsford Hospital
Farmington Hills, Michigan
Orthopedic Surgery Residency
Complete June, 2009

2004-2005 **Michigan State University**
Botsford Hospital
Farmington Hills, Michigan
Traditional Rotating Internship, awarded in June, 2005

2000-2004 **Nova Southeastern University**
College of Osteopathic Medicine
Fort Lauderdale, Florida
Doctorate of Osteopathic Medicine, awarded in May, 2004

1995-1999 **University of Michigan**
Ann Arbor, Michigan
College of Liberal Arts & Sciences
Bachelors of Science in Biology, awarded in June, 1999

Publications

2011 **Compression Fractures of the Thoracic and Lumbar Spine**
Textbook Chapter co-author
Spine Trauma, 2nd Edition

2011 **Vascular Anatomy of the Spinal Cord**
Textbook Chapter co-author
Spine Trauma, 2nd Edition

2009 **Minimally-Invasive Spinal Fusion Procedures**
Textbook Chapter co-author
The Lumbar Intervertebral Disc, by Drs. Frank Phillips and Carl Laurysen

Awards & Accomplishments

- June 2020 **Best Spine Surgeon**
Living Magazine, Keller/Fort Worth Edition
- June 2019 **Best Spine Surgeon**
Living Magazine, Keller/Fort Worth Edition
- June 2018 **Best Spine Surgeon**
Living Magazine, Keller/Fort Worth Edition
- June 2017 **Best Spine Surgeon**
Living Magazine, Keller/Fort Worth Edition
- Nov 2012 **Board Certified Orthopedic Surgeon**
American Osteopathic Board of Orthopedic Surgeons
- Oct 2010 **Finalist for best fellow case presentation**
Upper Thoracic Metastatic Spinal Cord Compression
Interactive Educational Program – Spine
North American Spine Society Annual Meeting
- Oct 2009 **3rd Highest Score in the Country**
American Osteopathic Board of Orthopedic Surgery Oral Examination
Boston, MA
- June 2009 **1st place for best resident paper and presentation**
Open vs. MIS Percutaneous TLIF: A Peri-Operative Analysis
Michigan State University
Statewide Campus System
Orthopaedic Surgery Resident Research Day

Teaching

- Oct 2013 **Emminent Spine MIS Cadaver Lab**
MIS Percutaneous Pedicle Screws, Direct Lateral Interbody Fusion, MIS TLIF
Las Vegas, NV
- May 2013 **Emminent Spine Cadaver Lab**
MIS Percutaneous Pedicle Screws
Baylor Frisco, Frisco, TX
- March 2012 **Accel Spine Sales Meeting**
MIS, Kyphoplasty & Open Approach Cadaveric Training
Las Vegas, NV
- June 2011 **Spine 360 MIS TLIF Cadaver Lab**
MISI, Dallas, TX
Training - Dr. Malloy, Louisiana neurosurgeon

Seminar Presentations

- July 2011 **Low Back Pain and Advances in Minimally Invasive Spine Surgery**
MISI, Dallas, TX
- June 2011 **Low Back Pain and Sacroiliac Dysfunction Seminar**

MISI, Dallas, TX

June 2011 **Low Back Pain and Advances in Minimally Invasive Spine Surgery**
MISI, Dallas, TX

Poster Presentations

April 2010 **Open vs. MIS Percutaneous TLIF: A Peri-Operative Analysis**
AO Spine Fellows Forum
Banff, Alberta (Canada)

Presentations

May 2019 **The Center for Neurology and Neurophysiology**
Lecturer
Frisco, TX

April 2019 **What is Minimally Invasive Spine Surgery**
Lecturer
Plano, TX

February 2018 **Minimally Invasive Spine Surgery**
Lecturer
Plano, TX

Sept 2017 **Dallas Complex Spine Conference**
Case Presenter
Dallas, TX

March 2017 **North Texas Pain and Spine Journal Club**
Presenter
Dallas, TX

Feb 2015 **Advances in Minimally Invasive Spine Surgery**
Lecturer
Plano, TX

March 2013 **Advances in Minimally Invasive Treatments of Back Pain**
Lecturer
Southlake, TX

Nov 2012 **Wise Regional Tumor Board**
Lecturer
Spine Oncology

March 2012 **Accel Spine Sales Meeting, Las Vegas, NV**
Lecturer
MIS TLIF

March 2012 **Accel Spine Sales Meeting, Las Vegas, NV**
Lecturer
MIS Percutaneous Screw

Oct 2011 **Yonsei University Medical School, Seoul, Korea**
Department of Neurosurgery

Lecturer
MIS Lumbar Fusion

Oct 2010 **Interactive Educational Program - Spine**
Lecturer
Upper Thoracic Metastatic Spinal Cord Compression

June 2010 **University of California at San Diego Spine Conference**
Lecturer
Upper Cervical Spine Internal Fixation: Indications and Techniques

April 2010 **University of California at San Diego Spine Conference**
Lecturer
Spinal Cord Injury: When Does Surgery Play a Role?

March 2010 **University of California at San Diego Orthopaedic Surgery Grand Rounds**
Grand Rounds Lecturer
Spine Oncology

Feb 2010 **University of California at San Diego Resident Education**
Lecturer
Ankylosing Spondylitis

Nov 2009 **University of California at San Diego Spine Conference**
Lecturer
Lumbar and Cervical Disc Arthroplasty

Aug 2009 **University of California at San Diego Spine Conference**
Lecturer
Osteoporotic Vertebral Compression Fractures

June 2009 **Michigan State University**
Statewide Campus System
Orthopaedic Surgery Resident Research Day
Presenter
Open vs. MIS Percutaneous TLIF: A Peri-Operative Analysis

May 2009 **Botsford Hospital**
Department of Orthopedic Surgery
Lecturer
Myelopathy and Peripheral Neuropathy

Jan 2009 **Botsford Hospital**
Department of Orthopedic Surgery
Lecturer
Magnetic Resonance Imaging of the Spine

April 2008 **Botsford Hospital**
Department of Orthopedic Surgery
Lecturer
Spondylolisthesis

March 2008 **Botsford Hospital**
Department of Orthopedic Surgery
Lecturer
Minimally Invasive Spinal Fusion

- May 2007 **Botsford Hospital**
 Department of Orthopedic Surgery
 Lecturer
 Idiopathic Scoliosis
- Feb 2007 **University of California at San Diego Spine Conference**
 Lecturer
 Ankylosing Spondylitis
- Feb 2007 **University of California at San Diego Spine Conference**
 Case Presentation
 Occipitocervical pain in a patient with C1-C2 osteophytic neuroforaminal stenosis and C2-C3 instability
- April 2006 **Botsford Hospital Trauma Conference**
 Orthopedic Surgery Case Presentation
 Scapula fractures
- Dec 2005 **University of Michigan Plastic's Hand Symposium**
 Case Presentation
 Capitulate arthritis

Continuing Education

- Aug 2020 **Globus Interbody Solutions with ExcelsiusGPS**
 MERC Virtual, Dr. Sheeraz Qureshi
- Sept 2019 **North American Spine Society Annual Meeting**
 Chicago, IL
- July 2019 **Relievent Intracept Physician Training Cadaver Lab**
 Fort Worth, TX
- May 2019 **University of California, San Francisco Spine Symposium**
 San Francisco, CA
- May 2019 **Augmetics Hololens 3D and Navigation Cadaver Lab**
 Addison, TX
- Sept 2018 **North American Spine Society Annual Meeting**
 Los Angeles, CA
- Sept 2018 **Society for Minimally Invasive Spine Surgery**
 Las Vegas, NV
- June 2018 **The Evolution of Single-Position Surgery OLIF and Posterior Screw Fixation**
 Drs. Lehman, Burch and DeWald, Columbia University, VuMedi
- June 2018 **Spinal Navigation: Back to the Future**
 Safety in Spine Summit, Dr. Richard Anderson, Columbia University, VuMedi
- May 2018 **Mazor Robotics Live Surgery Demonstration**
 Celebration, Florida via Web Broadcast

- Oct 2017 **AOAO Annual Meeting**
Chicago, IL
- April 2017 **AOAO Post Graduate Seminar**
Nashville, TN
- April 2017 **LDR Mobi-C Disc Arthroplasty Training**
Dallas, TX, Dr. Hisey
- Oct 2016 **North American Spine Society Annual Meeting**
Boston, MA
- April 2016 **AOAO Post Graduate Seminar**
Scottsdale, AZ
- Oct 2015 **North American Spine Society Annual Meeting**
Chicago, IL
- April 2015 **International Congress of Esethetics and Spa**
Dallas, TX
- April 2015 **American Osteopathic Academy of Orthopedics Postgraduate Seminar**
Amelia Island, FL
- Dec 2014 **Botulinum Toxin and Filler Training**
Jesse Smith, MD – Facial Plastic Surgeon
Colleyville, TX
- Dec 2014 **American Academy of Anti-Aging Medicine**
Reverse Physical Aging – Hormone and Nutritional Therapies
Menopause/Andropause – Bio-Identical Hormones
Las Vegas, NV
- Nov 2014 **North American Spine Society Annual Meeting**
San Francisco, CA
- Oct 2014 **AOAO Annual Meeting**
Rancho Palos Verdes, CA
- May 2014 **AOAO Post Graduate Seminar**
Dallas, TX
- Oct 2013 **Mindstream - Spine Surgery Center of Excellence**
San Francisco, CA
- Oct 2013 **North American Spine Society**
New Orleans, LA
- April 2013 **Techniques in Cervical Spine Surgery**
Arlington, TX
- March 2013 **Pedicle Subtraction Osteotomy and Vertebral Column Resection Cadaver Lab**
Washington University, St. Louis, MO
- March 2013 **Washington University Spinal Deformity Live**
St. Louis, MO

Feb 2013 **GS Medical AnyPlus MIS NX Pedicle Screw System**
Irvine, CA

Feb 2013 **Trans1 Cadaver Lab (Axialif and Veo Systems)**
Minimally Invasive Spine Institute, Dallas, TX

Oct 2012 **North American Spine Society Annual Meeting**
Dallas, TX

June 2012 **Synthes Prodisc-C Cadaver Lab**
Baylor Medical Center at Frisco

May 2012 **Joimax Endoscopic Lumbar Cadaver Lab**
Minimally Invasive Spine Institute, Dallas, TX

April 2012 **Washington University Spinal Deformity Live**
Washington University School of Medicine, St. Louis, MO

Jan 2012 **Amendia O-LIF Cadaver Lab**
Miami, FL

Dec 2011 **LDR Anterior Stand-Alone Cervical and Lumbar Cages**
Weill Cornell Medical Hospital, New York, NY

Nov 2011 **North American Spine Society Annual Meeting**
Chicago, IL

Oct 2011 **Adult Spinal Deformity Course & Live Surgical Observation**
Baylor Regional Medical Center, Plano, TX

Oct 2011 **Yonsei University Medical Center, Severance Hospital, Seoul, Korea**
Live surgical observation – cervical laminoplasty

Oct 2011 **Amsa Medical Center, Seoul, Korea**
Live surgical observation – adult deformity

Aug 2011 **The 18th Advanced Techniques in Cervical Spine Decompression and Stabilization**
St. Louis University, St. Louis, MO

June 2011 **Optimesh Posterolateral Lumbar Interbody Fusion Cadaver Lab**
Frisco, TX

April 2011 **4-WEB Anterior Lumbar Interbody Fusion Cadaver Lab**
Frisco, TX

April 2011 **Endoscopic Lumbar Discectomy and Foraminotomy Cadaver Lab**
Dallas, TX

March 2011 **Direct Lateral Anterior Lumbar Interbody Fusion Cadaver Course**
Arlington, TX

Feb 2011 **Sacroiliac Joint Arthrodesis Cadaver Course**
Boca Raton, FL

- Jan 2011 **Spinal Cord Stimulator Cadaver Course**
Miami, FL
- Oct 2010 **North American Spine Society Annual Meeting**
Orlando, FL
- Aug 2010 **Skin-to-Skin MIS TLIF cadaver course**
Society for Minimally Invasive Spine Surgery
San Diego, CA
- Aug 2010 **Society for Minimally Invasive Spine Surgery**
2 week observorship with Choll Kim, MD, PhD
San Diego, CA
- Aug 2010 **Medtronic MAST Techniques Custom Training Cadaver Course**
Sunnyvale, CA
- July 2010 **Medtronic MAST TLIF Cadaver Course**
University of California at San Diego
- July 2010 **NuVasive MAST TLIF Cadaver Course**
La Jolla, CA
- April 2010 **AO Spine Fellows Forum**
Banff, Alberta (Canada)
- Jan 2010 **AO Spine Principles and Treatment of Spinal Disorders for Residents and Fellows**
Las Vegas, NV
- Sept 2009 **2nd Annual Cadaveric Program on Emerging Techniques and Technologies in Spine Surgery**
Las Vegas, NV
- Sept 2009 **NuVasive XLIF Cadaver Course**
La Jolla, CA
- July 2009 **Medtronic Direct Lateral and Percutaneous Screw Training Program**
Cadaver Workshop
University of California at San Diego
- June 2009 **Advanced Techniques in Spinal Surgery**
Synthes Cadaver Lab
Providence Hospital
Southfield, MI
- May 2009 **Techniques in Anterior Lumbar Spine Surgery**
Beaumont Hospital
Royal Oak, MI
- May 2009 **Depuy Pre-Fellowship Bioskills Workshop**
Comprehensive Cadaver Lab
Denver, CO
- April 2009 **Medtronic Resident Jump Start Program**

- workshop Kyphoplasty, TLIF, and Prestige Cervical Disc Arthroplasty Cadaver
Weehawken, NJ
- Feb 2009 **AO Spine Advance Concepts in The Management of Spinal Disorders**
Sun Valley, ID
- Oct 2008 **Musculoskeletal Pathology Seminar**
Department of Orthopedic Oncology
University of Florida
Gainesville, FL
- April 2008 **Adult and Pediatric Deformity Symposium**
Miami, FL
- Dec 2007 **NuVasive XLIF Cadaver Course**
Florida Orthopaedic Institute
Tampa, FL
- Oct 2007 **North American Spine Society Annual Meeting**
Austin, TX
- Aug 2007 **Interspinous Process Decompression Physician Training Course**
X-STOP training course
Troy, MI
- March 2007 **Sixth Annual Symposium on Current Concepts in Spinal Disorders**
Sponsored by Cedars-Sinai Medical Center, Institute for Spinal Disorders
Las Vegas, NV
- Feb 2007 **Medtronic Cadaver Workshop**
DLIF/XLIF, Percutaneous Trauma Instrumentation, Agile Motion Preservation
Del Mar, CA
- Jan 2007 **AO North America Basic Spine Course**
Redondo Beach, CA
- Jan 2007 **Laser Assisted Endoscopic Microdiscectomy Cadaver Workshop**
University of California at San Diego Medical Center
San Diego, CA
- Sept 2006 **AO North America Basic Fracture Course**
San Diego, CA
- May 2006 **University of Michigan Spine Surgery Lectureship Series**
Guest Lecturer: Dan Riew, M.D.
Ann Arbor, MI
- May 2006 **Johns Hopkins Orthopaedic Review Course**
Baltimore, MD
- Feb 2006 **Michigan State University**
Certification in Manipulative Medicine
Shoulder Girdle Diagnosis & Treatment Workshop

Work Experiences

- 2007-2009 **Children's Hospital of Michigan**
Department of Orthopaedic Surgery
Independent Contractor
Functioned as the orthopaedic resident on call for emergency room and in-patient orthopaedic consultations, weekend rounds and all orthopaedic surgical cases (approximately 25 hours per week)
- 1999-2000 **Sadick Aesthetic Surgery & Dermatology**
Clinical Research Coordinator
Researched and evaluated ultrasound and laser devices for the treatment of cutaneous disease. Organized dermatological clinical research studies in collaboration with various medical technology companies.
- 1995-2000 **Professional Power Washers**
Owner and Operator
Consulted with material suppliers to determine the most effective products. Balanced the acquisition of materials supplied with actual usage. Assessed material, operations, and labor costs to derive gross profit and to determine company efficiency.
- 1998 **Head and Neck Cancer Institute, University of Michigan Health Systems**
Research Assistant
Interpreted data and analyzed results of protein assays and cell cultures. Studied the degree of detect ability of Parathyroid Hormone related Peptide, from squamous cell carcinomas, in frozen samples at various times after collection.

Professional Organizations

- 2020-present **International Society for the Advancement of Spine Surgery**
Member
- 2010-present **Texas Medical Association**
Member
- 2008-present **North American Spine Society**
Member
- 2005-present **American Osteopathic Academy of Orthopedics**
Member
- 2004-present **American Osteopathic Association**
Member
- 2009 **AO Spine**
Associate Member
- 2005-2009 **American Academy of Orthopaedic Surgeons**
Candidate Member
- 2005-2009 **Detroit Academy of Orthopedics**
Member Affiliate

- 2004-2009 **Michigan Osteopathic Academy of Orthopedic Surgeons**
Member
- 2004-2009 **Michigan Osteopathic Association**
Member
- 2004-2009 **Oakland County Osteopathic Medical Association**
Member

Philanthropic Organizations

- 2006-2009 **Orthopedics Overseas**
Member
Philanthropic organization committed to providing medical and surgical services to underdeveloped and underserved regions around the world
- 2007 **Doctors Without Borders**
Donor
- 2001 **DOCARE International Medical Mission**
Guatemala, Central America
Participant
Provided free health care to both urban and rural areas of Guatemala; including native Mayan populations with no access to health care
- 2001 **Florida Tobacco Prevention Program**
Nova Southeastern University Grant
Participant
Educated south Florida public school children on the health risks due to tobacco use

Licensures

- 2010-present **State of Texas Medical License**
Active
- 2010-present **State of Arizona Medical License**
Active

Personal Interests

- **World Travel**
Travel to over 50 countries around the world including: Greece, Egypt, China, Rwanda, Turkey, Ethiopia, Indonesia, Guatemala, Zimbabwe and Venezuela
Visited the Great Wall of China, The Berlin Wall, The Great Pyramids, The Eiffel Tower, The Forbidden City, The Coliseum, Mountain Gorillas, and The Parthenon
- **Reading**
Mostly non-fiction books related to world history, world religions, and sociology