

Curriculum Vitae

Lora L. Brown, M.D.

Board Certified Interventional Pain Management

Board Certified Pain Management

Board Certified Anesthesiology



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SPECIALITY

Interventional Pain Management
Functional and Anti-Aging Medicine
Regenerative Medicine and Stem Cell Therapy

EMPLOYMENT

Sept 16 – Present Access Marijuana RX, (Medical Director)
Sept 13 – Present TruWell, PLLC (Medical Director), St. Petersburg, FL
June 14 – Present Florida Physical Medicine, St. Petersburg, FL
Sept 05 – June 12 Coastal Pain Management and Rehabilitation,
Bradenton, FL (Senior Partner)
2008 – 2013 Coastal Research, LLC , Bradenton, FL (Clinical Research PI)
2006 – 2008 Lovelace Scientific Research, Sarasota, FL
Jan 05 – 2006 Bayside Anesthesia Services, LLC, St. Petersburg, FL
Aug 02 – Jan 05 West Florida Pain Management, St. Petersburg, FL

AFFILIATIONS

2014 – Present Center for Specialized Surgery, Tampa, FL
2013 – Present St. Anthony’s Hospital, St. Petersburg, FL
2013– Present Westchase Ambulatory Surgical Center
2009– Present Lakewood Ranch Medical Center
2008– 2010 Blake Hospital, Bradenton, FL
2005– 2006 Pointe West Ambulatory Surgery Center, Bradenton, FL
2003– 2005 Pinellas Bayside Surgery Center, St. Petersburg, FL
2003– 2005 Bellaire Surgery Center, Bellaire, FL
2002– 2006 Bayfront Medical Center, St. Petersburg, FL
2002– 2006 Bayfront Medical Plaza
2002– 2006 St. Anthony’s Hospital, St. Petersburg, FL

EDUCATION

1997 M.D. University of Texas Medical Branch – Galveston
(Member “Phi Rho Sigma” medical school fraternity)
1992 B.A. University of Texas– Austin *cum laude*

HOSPITAL TRAINING

2001–2002 Fellowship, Pain Management, Cleveland Clinic Foundation
(Chief Fellow)
1998–2001 Residency, Anesthesiology, University Hospital, San Antonio, TX
1997–1998 Internship, General Surgery, University Hospital, San Antonio, TX

BOARD CERTIFICATION

Dec 2016 Regenerative Stem Cell Fellowship, American Board of Anti-
Aging/Regenerative Medicine
Aug 2007 Diplomat, American Board of Interventional Pain Physicians
July 2006 Fellow, Interventional Pain Physicians
March 2004 American Board of Pain Medicine, Recertified 2013
Sept 2003 American Board of Anesthesiology– Certification in Pain Medicine
Oct 2002 American Board of Anesthesiology

MEDICAL LICENSES

2002– Present Florida (ME85743)
2001– Present Texas (L3252)

COMMITTEES

2011–2013 Governor Appointee to the Drug Policy Advisory Board, Gov Scott
2009–2011 Governor Appointee to the PDMP Oversight Task Force, Gov Crist
2009–2011 American Society of Interventional Pain Physicians,
(Director at Large)
2007–2009 American Society of Interventional Pain Physicians,
Executive Vice President of Strategic Planning

2007–2009	Florida Medical Association, <i>Subspecialty Committee Member</i>
2006–2008	Florida Society of Interventional Pain Physicians, <i>Past President</i>
2005–Present	Medicare Carrier Advisory Committee, Alt–Representative Interventional Pain Medicine
2007–2010	FLAMPAC, <i>Board of Directors</i>
2009–2010	Manatee County Medical Society, <i>President</i>
2008–2010	American Board of Interventional Pain Physicians, <i>Board Examiner</i>
2007–Present	Manatee County Medical Society, <i>Board of Directors</i>
2004–2005	Bayfront Medical Center, <i>Pain Committee</i>
2008–Present	St. Anthony’s Hospital, <i>Pharmacy and Therapeutics Committee</i>

CONSULTING

Vertos Medical, *Consultant/ Speaker/ Research/ Medical Advisory Board, 2010–2013*
 Nevro Corporation, *Consultant/ Speaker/ Research, 2011–2013*
 St. Jude Medical, *Consultant/Speaker/ Research, 2009–2013*
 Millennium Laboratories, *Consultant/Speaker, 2008–2013*
 Medtronic– Interventional Spine Division, *Medical Advisory Board 2011–2013*

TEACHING

Cadaver Course Instructor, Minimally Invasive Disc Decompression. World Institute of Pain 2013, London, England

Cadaver Course Instructor, Kyphoplasty. WVSIPP Annual Meeting PAIN 2013. Boca Raton, Florida, 2013

Cadaver course Instructor, Vertebroplasty. The 15th Annual Cleveland Clinic Pain Symposium, Sarasota, Florida, 2013

Interventional Pain Medicine Cadaver Course Co–Chair, American Academy of Pain Annual Meeting, 2012

Interventional Pain Medicine Cadaver Course Co–Chair, American Academy of Pain Annual Meeting, 2011

Cadaver Course Instructor, The Cleveland Clinic Pain Management, Sarasota, 2010 Meeting

Course Instructor, Vertos Training Labs, 2009–Present

St. Jude Spinal Cord Stimulation Instructional Seminars, 2008–2010

Board Examiner. *2008 Fellowship of Interventional Pain Physicians*. Memphis, Tenn. March 2008

Cadaver Course Instructor. *Comprehensive Review of Interventional Pain Procedures*. Memphis, Tenn. March 2008

Spinal Cord Stimulation Cadaver Course, *Instructor*. Sponsored by ANS. Sarasota. 2006

Cadaver Course Instructor. *Percutaneous Adhesiolysis*. Fifth Annual Michael Stanton–Hicks Pain Management Conference, Key West, FL. March 2003

PRESENTATIONS

“Clinical Pearls: Introducing Regenerative Medicine to a Chronic Pain Practice”. New York/New Jersey Society of Interventional Pain Physicians Annual Meeting. New Jersey, 2015

“New Non–Interventional Tools for the Pain Management Physician”, WVSIPP, Miami 2015

“Regenerative Orthopedics Treatments: Advances on Musculoskeletal Repair and Regeneration”. California Society of Interventional Pain Physicians Annual Meeting, Monterey, New Jersey, 2015

“Applying Regenerative Medicine in Musculoskeletal Diseases” The New York/New Jersey Society of Interventional Pain Physicians Annual Meeting, New Jersey 2014

“Adult Human Mesenchymal Stem Cell Therapy in the Treatment of Musculoskeletal Diseases”, The American Academy of Anti-Aging Medicine Fall Conference, Las Vegas, 2014

“Mesenchymal Stem Cell Therapies in Musculoskeletal Diseases”, Florida Society of Interventional Pain Physicians Annual Meeting, Orlando Florida, 2014

“Mesenchymal Stem Cell Therapies in Musculoskeletal Diseases”, The American Academy of Anti-Aging Medicine Spring Pre-Conference, Orlando, 2014

“Novel Treatments for Spinal Stenosis”, World Institute of Pain Meeting, 2013, London.

“High Frequency Spinal Cord Stimulation– The Data”, WVSIPP Annual Meeting PAIN , Boca Raton, Florida, 2013

“Pain Under Pressure”, Florida Society of Interventional Pain Physicians Annual Meeting, Orlando, Florida, 2013

“High Frequency Spinal Cord Stimulation – Pro vs Con”, 15th Annual Cleveland Clinic Pain Symposium, Sarasota, Florida, 2013

“Implications of New Florida pain Laws” Pinellas County Medical Association, Medical Education at Sea, April 2013

Poster Presentation, *WAKE UP! A Prescription Drug Abuse Prevention Campaign*. American Academy of Pain Medicine Annual Meeting, Fort Lauderdale, Florida, 2013

“Patient Centered Monitoring and Medication Taking Behaviors in the Pain Patient Population”, American Academy of Pain Medicine Annual Meeting, 2012

“New Breakthrough Technology in Spinal Cord Stimulation” International Neuromodulation Society Annual Meeting, London UK, 2011

“Clinical Research Breakthroughs and Updates”, The Florida Society of Interventional Pain Physicians Annual Meeting 2011

“In Pursuit of the Goal: Proposed Threats to Access to Care”, The American Academy of Pain Medicine Annual Meeting, Washington, DC, 2011

“Implantable Therapies: New Options with SCS–Is Perception of Stimulation Necessary?”, Pain 2011 Annual Meeting, Huntington Beach, CA.

“Diversion and Abuse in Pain Medicine”, The Cleveland Clinic Annual Pain Management Conference, 2011

“Spinal Stenosis and Decompression, Recent Research Advances”, The Florida Society of Interventional Pain Physicians Annual Meeting 2010

“Risk Management and Compliance in Utilization of Controlled Substances in Pain Management”
An eight hour CME Symposium, Co-owner and Course Director, 2010

“Board Examiner. *2008 Fellowship of Interventional Pain Physicians*. Memphis, Tenn. March 2008

“Treatment of Metastatic Vertebral Compression Fractures Using Coblation” Florida Academy of
Pain Medicine Annual Meeting, 2007

“Complimentary Pain Management” ASIPP Comprehensive Review Course for Controlled
Substance Management and Coding, Compliance and Practice Management, May 2007

“Chronic Regional Pain Syndrome” Blake Hospital Grand Rounds (CME Presentation) 2007

“Interventional Pain Medicine” Blake Hospital Grand Rounds (CME Presentation) 2006

“Outpatient Chronic Pain Management” Bayfront Medical Center Grand Rounds (*CME
Presentation*). September 2005

“Management of Chronic Regional Pain Syndromes” Bayfront Medical Center Grand Rounds.
(*CME Presentation*). August 2005

“Pain Management for the Primary Care Physician” Annual Bayfront Family Medicine
Review Conference. (*CME presentation*). March 2004

“Interventional Pain Management” Florida State Association of Occupational Nurses 2003
Annual Conference. (*CME presentation*). October 2003.2–Feb–05

“The Management of IV-PCA; the Basics” Bayfront Medical Center Grand Rounds. (*CME
presentation*). Aug 2003

“Current Trends in Opioid Prescribing” Bayfront Medical Center Grand Rounds. (*CME
presentation*). July 2004

“Implantable Therapies for the Management of Chronic Pain” Bayfront Medical Center
Grand Rounds. (*CME presentation*). June 2003

“*Complex Regional Pain Syndrome in Identical Twins*” Brown LL, Stanton-Hicks M
Poster presentation, 2002 International Society for the Study of Pain Meeting, San Diego,
August 2002

“Kyphoplasty Physician Survey Results Regarding Implementation of a New Spinal Procedure”
Brown LL, Tarr S, Reinhardt MK, Lieberman IH. The Cleveland Clinic Foundation Spine Surgery Conference, January 2002

“Transesophageal Echocardiographic Evidence of Asymptomatic Pulmonary Emboli during Kyphoplasty Treatment of Osteoporotic Vertebral Compression Fractures” Brown LL, Lieberman IH, Mekhail NA, Lozada LA. Poster presentation, The Cleveland Clinic Foundation Minimally Invasive Surgery Research Day, March 2002

PUBLICATIONS

Chapter 7: Adipose Derived Stromal Stem Cells. Atlas of Regenerative Medicine. Publication Pending.

Chapter 37: Percutaneous Lumbar Decompression. Atlas of Interventional Pain Management, Ed Diwan and Statts, 2015.

Kapural, L, Brown, LL et al. “Novel 10kHz High Frequency Therapy (HF10 Therapy) is Superior to Traditional Low Frequency Spinal Cord Stimulation for the Treatment of Chronic Low Back and Leg Pain: The SENZA–RCT Randomized Controlled Trial”. *Anesthesiology*, Vol 123, Vol 4, Oct 2015

Brown, LL. “A Double–blind, Randomized Prospective Study of Epidural Steroid Injection vs The mild Procedure in Patients with Symptomatic Lumbar Spinal Stenosis”, *Pain Practice/The World Institute of Pain Journal*, Jan, 2012

Patel, N, Gross A, Brown, LL, Gekht, G. “ A Randomized, Placebo–Controlled Study to Assess the Efficacy of Lateral Branch Neurotomy for Chronic Sacroiliac Joint Pain”, *Pain Medicine*, Feb 2012

Brown, LL, Wisor, J. “Avoiding Legal Pitfalls in Physician Arrangements with Drug Testing Laboratories”, *The Journal of Healthcare Compliance*, Jan–Feb, 2012

Tiede J, Brown LL, Gekht G, Vallejo R, Yearwood T, Morgan D. "Novel Spinal Cord Stimulation Parameters in Patients with Predominant Back Pain", *Neuromodulation*, Submitted for publication April 2012

RESEARCH

2011–2013 Study Site PI for FDA sponsored Randomized Controlled Trial to Evaluate the Superiority of High Frequency 10kHz Spinal Cord Stimulation to Standard Therapy

2010–2012 Primary Investigator. Randomized double–blinded prospective study to evaluate compare minimally invasive lumbar decompression (mild) to epidural steroid injection for the treatment of spinal stenosis

2006–2007 A 4–week, Open–Label to evaluate the effect of treatment with fentanyl buccal tablets on pain anxiety symptoms when used for the management of breakthrough pain in opioid–tolerant patients with chronic pain

2007–2008 A Phase III, variable–dose titration followed by a randomized double–blind study of controlled–release OROS hydromorphone HCL (NMED 1077) compared to placebo in patients with chronic low back pain

2007–2008 A randomized, double blind, placebo–controlled multi–center study to evaluate the safety and efficacy of fentanyl sublingual spray (Fentanyl SL spray) for the treatment of breakthrough cancer pain

2007–2008 A multi–center, randomized, double–blind, placebo–controlled study with an open–label run–in to assess the efficacy, tolerability, and safety of BTDS 10 or BTDS 20 compared to placebo in opioid–naïve subjects with moderate to severe, chronic pain due to osteoarthritis of the knee

2007–2008 Open–label multi–center safety trial of fentanyl sublingual spray (fentanyl SL spray) for the treatment of breakthrough cancer pain in opioid–treated subjects

2007–2008 A randomized, double blind, active–controlled crossover study to evaluate the efficacy and safety of fentanyl buccal tablets compared with immediate–release oxycodone for the management of breakthrough pain in opioid–tolerant patients with chronic pain.

2008 – 2009 A randomized multicenter double–blind placebo controlled two–week study to assess the efficacy and safety of HKT–500 in subjects with acute shoulder pain

2008 – 2009 The investigation of the efficacy and pharmacokinetics of XP13512 in subjects with neuropathic pain inadequate response to gabapentin treatment

2008 – 2009 A randomized double-blind, placebo-controlled study of the efficacy and safety of a diclofenac sodium patch for the topical treatment of acute pain due to mild to moderate soft tissue injuries

2009 Ortho-McNeil Jansen Scientific Affairs LLC “A prospective multi-center, observational registry of patients using prescription medication containing oxycodone immediate release for the treatment of pain

2009 – A prospective, multi-centered clinical evaluation of the EON mini 16-channel implantable pulse generator (IPG) in combination with percutaneous leads for the management of chronic intractable pain of the trunk and / or limbs

2009 – Comparative study of epidural steroid injection versus Mild (minimally invasive lumbar decompression) procedure in patients diagnosed with symptomatic moderate to severe lumbar central canal stenosis

2009–2011 A randomized, blinded, crossover study comparing the efficacy of lumbar epidural steroid injections to MILD (minimally Invasive Lumbar Decompression). *Publication Accepted: Pain Physician*

2010 – A multicenter, longitudinal, non-interventional observational study of adult patients being managed for chronic pain

2010 – A prospective, single arm study evaluating the effectiveness of implanted testosterone pellets in subjects with low testosterone receiving chronic opioid therapy

2010 – An open label, non-randomized dose-escalation study assess safety and tolerability of SI-6603 in patients with lumbar disc herniation

2011 – A multicenter, randomized, placebo-controlled, double-blinded study of the efficacy and safety of lubiprostone in subjects with opioid-induced bowel dysfunction

2011 – A multi-center, randomized, prospective clinical study to compare patient outcomes following treatment with either the mild procedure or epidural steroid injection in patients with moderate to severe lumbar spinal stenosis exhibiting neurogenic claudication

CONTINUING EDUCATION

GI Advanced Practice Module, IFM, Chicago, IL, October 2016.

Compassionate Medical Cannabis CME Course FMA/FOMA, September 2016.

Applying Functional Medicine in Clinical Practice, IFM, Austin, TX, March 2016.

Stem Cell Fellowship, American Board of Anti-Aging/Regenerative Medicine, Dec 2015–Dec 2016.

Transforaminal Endoscopic Discectomy Proctorship. Gabriel Jasper, MD and Gregory Flynn, MD
Dec 2014–May 2015

Endoscopic Spine Surgery Training, JoiMax. Baltimore, 2014

Autologous Stem Cell Training. Ageless Regenerative Institute. Lead Instructor Kristen Comella,
PhD. Adventura, FL, 2013

Bio-Identical Hormone Replacement Therapy, Courses 1–4. WorldLink Education (Neal Rouzier,
MD), Salt Lake City, 2013

St. Jude Epiducer Training Lab, Las Vegas, 2011

Elloquence Disc-FX Training Lab, Orlando Florida, 2011

Vertos Training Lab, MILD procedure, California, 2009

ASIPP Vertebroplasty and Kyphoplasty Review Course. Memphis, Tenn. February 2008

ABIPP Special Certification in Opioid Substance Management. Orlando, FL. May 2007

ABIPP Special Certification in Coding, Compliance, and Practice Management. Orlando, FL. May
2007

Arthrocare SPINE Lumbar and Cervical Disc Nucleoplasty Certificate of Training. July 2004

Medtronic Interventional Therapies Pain Fellows Workshop. Cleveland, OH. November 2001

Kyphon Kyphoplasty Certificate of Training. Cleveland, OH. 2001

SOCIETIES

2015– Present	Institute of Functional Medicine
2013– Present	American Academy of Anti–Aging Medicine
2012 – Present	Pinellas County Medical Association
2005– 2012	Manatee County Medical Society
2004–Present	American Academy of Pain Medicine
2004–Present	American Society of Interventional Pain Physicians
2004–2011	American Society of Regional Anesthesia
2003–2104	North American Neuromodulation Society
2003– 2104	International Spinal Injection Society
2002–2006	Pinellas County Medical Society
2003–2014	Florida Academy of Pain Medicine
2002–Present	Florida Medical Association
2003–Present	Florida Society of Interventional Pain Physicians
1998–2012	American Society of Anesthesiologists
1996–2011	American Medical Association

HONORS

2003	Ethelee R. Smith Pain Fellow of the Year
1995	Who’s Who Among Students in American Colleges and Universities
1995	CIBA UTMB–Galveston Community Service Award
2011	“70 Best Pain Management Physicians in America”, Becker’s ASC Review
2011	“Twelve Great Physicians in Florida”, Becker’s ASC Review
2012	“150 Pain Management Physicians to Know” Becker’s ASC Review

PERSONAL

DOB 03–23–65

Place of birth: St. Petersburg, Florida

Interests include: boating, golf, polo, theater, music and travel

