

## Curriculum Vitae for Steven Barna, MD, CLCP

Date Prepared: May 1, 2023



*Experienced Pain Management Physician and Certified Life Care Planner (CLCP).  
Double Board Certified in Anesthesiology and Pain Medicine.  
Editorial Board Member of Pain Physician and Reviewer of Journal of Orthopaedic Trauma  
Author of Peer-Reviewed Publications for both Pain Management and Life Care Planning.  
Invited Speaker for both Pain Management and Life Care Planning.*

### **Current Medical Legal Consulting:**

2020-Present Physician Life Care Planner Expert & Medical Expert, LCPMD, LLC, Tampa, FL

### **Private Practice Clinical Activities:**

2004-2011 Interventional Pain Physician, Spine & Pain Institute of New England, Boston, MA  
2011-2019 Interventional Spine and Pain Physician, Florida Orthopaedic Institute, Tampa, FL  
2019-2020 Interventional Pain Physician, Watson Clinic, Lakeland, FL  
2020-2023 Interventional Pain Physician, Neurosurgical Partners, Tampa and Sarasota, FL  
2023-Present Pain Management Physician, Steven Barna, MD, Tampa, FL and Telehealth in FL

### **Licensure and Certification:**

1999-2012 Massachusetts Medical License  
2003 Board Certified in Anesthesiology  
2004 Board Certified, Subspecialty Pain Medicine/Anesthesiology  
2011 Florida Medical License  
2020 Certified Life Care Planner (CLCP)

### Faculty Academic Appointments:

2002-2006	Instructor of Anesthesia	Harvard Medical School
2006-2007	Clinical Assistant Professor of Anesthesia	Harvard Medical School
2007-2009	Assistant Professor of Anesthesia, Inactive	Harvard Medical School
2009-2011	Assistant Clinical Professor of Medicine	Harvard Medical School
2012-2021	Assistant Professor of Orthopaedics and Sports Medicine	University of South Florida College of Medicine

### Major Administrative Leadership Positions:

2020-Present	Founder and CEO	LCPMD, LLC, Tampa, FL
2004-2005	Medical Director of Pain Center	Massachusetts General Hospital, Boston, MA Analyzed a stagnant and entrenched medical practice and implemented changes by persuading key stakeholders throughout the organization, resulting in increased clinical efficiency and productivity, reduced cost and increased profit.
2002-2008	Co-Medical Director of Pain Center	Cape Cod Hospital, Hyannis, MA Developed and oversaw clinical program that resulted in a four-fold increase in patient volume and excellent patient satisfaction surveys. The clinic was recognized as a center of excellence and model profit center for the hospital.
2004-2011	President and Co-Founder	Spine and Pain Institute of New England Conceptualized and built private independent office-based interventional spine and pain medical practice with limited resources relative to the numerous established competing hospital clinics. Oversaw successful expansion within five years to five locations across Massachusetts, with profitability in the first year.
2015-2019	Partner	Florida Orthopaedic Institute, Tampa, FL Largest privately held academic multidisciplinary orthopedic group in Florida with 700 employees and serves as a one-stop shop for musculoskeletal care <ul style="list-style-type: none"> <li>• <i>Clinical Quality Committee</i>: Reviewed risk management report which includes professional liability cases outstanding, EEOC cases, and general liability cases. Developed quality and outcome measurement metrics. Propose policies for patient safety. Analyzed medicare audits of physicians. Oversaw corporate compliance.</li> <li>• <i>Finance and Operations Committee</i>: Reviewed operations and financial data, and compared to budget. Provided feedback on areas of improvement to financial results; Analyzed strategic expansion options</li> </ul>

### Appointments at Hospitals/Affiliated Institutions:

2002-2007	Assistant in Anesthesia	Massachusetts General Hospital	Boston, MA
2002-2011	Staff, Dept. Anesthesia	Cape Cod Hospital	Hyannis, MA
2008-2011	Staff, Dept. Anesthesia	Beth Israel Deaconess-Needham	Boston, MA

2009-2011	Staff, Associate Physician	Brigham and Women's Hospital	Boston, MA
	Division of General Medicine		
2011-2019	Staff	Florida Orthopaedic Institute Surgery Center	Tampa, FL

### Other Professional Positions:

2002-Present	Independent Health Sciences and Medical Legal Expert Witness Consultant
2008-2011	Content Leader, Head of Pain Management at HealthTank LLC
2013-2014	Visiting Physician, Dept. Radiology, Al Salam International Hospital, Kuwait
2013-2015	Member, Florida Angel Nexus (in partnership with University of Central Florida)
2013-2021	Physician Expert Utilization Review Panelist, Nexus Medical Consulting
2018-2020	Telemedicine Pain Medicine Consultant, Arista MD
2020-Present	Physician Certified Life Care Planner

### Postdoctoral Training:

1997-1998	Internal Medicine Intern	Harvard Medical School Cambridge Hospital
1998-2001	Anesthesiology Resident	Harvard Medical School Brigham & Women's Hospital (combined program)
1999-2000	Internal Medicine Resident	Harvard Medical School Brigham & Women's Hospital (combined program)
2001-2002	Pain Medicine Fellow	Harvard Medical School Massachusetts General Hospital

### Education:

1992	B.S.	University of Michigan	James B. Angell Scholar	Ann Arbor, MI
1997	M.D.	Case Western Reserve University School of Medicine		Cleveland, OH
			Kaiser Permanente Award	

### Editorial Activities:

2004-2006	Ad hoc reviewer	Pain Physician
2005-2006	Editorial Board Consultant	American Journal of Geriatric Pharmacotherapy
2012-Present	Ad Hoc Reviewer	Journal of Orthopaedic Trauma
2014-2018	Academic Editor	Medicine
2020-2023	Editorial Board Member	Journal of Life Care Planning
2020-2023	Editorial Board Member	Rehab Pro Journal
2021-Present	Editorial Board Member	Pain Physician

### Committee Service:

2002-2007	Internal Review Board Member	Massachusetts General Hospital
2002-2008	Pain Task Force	Cape Cod Hospital
2009-2011	Medicare Contractor Advisory Committee Representative for New England	
2012-2017	Membership Committee	Hillsborough County Medical Association
2013-2017	Public Relations Committee	Hillsborough County Medical Association
2013-2017	Executive Council member	Hillsborough County Medical Association
2013-2018	Delegate	Florida Medical Association

2013-2019	Regenerative Medicine Committee	Florida Orthopaedic Institute
2015-2019	Spine Committee	Florida Orthopaedic Institute
2021-2022	Chair of Credential Committee for Certified Medical Cost Projection Specialist	International Commission on Health Care Certification

### **Professional Societies:**

1997-2011	Massachusetts Medical Society	Member
2001-2007	International Spinal Intervention Society	Member
2001-2010	American Pain Society	Member
2003-Present	American Society of Interventional Pain Physicians Secretary, Massachusetts Chapter until 2011	Member
2006-Present	North American Spine Society	Member
2011-2019	Florida Medical Association	Member
2011-2019	Hillsborough County Medical Association	Member
2015-2019	Florida Orthopedic Society	Member
2020-Present	American Academy of Physician Life Care Planners	Member
2020-Present	International Association of Rehabilitations Professionals International Academy of Life Care Planners Section	Member

### **Honors and Prizes:**

Named in Becker's Orthopedic and Spine Review "150 Pain Management Physicians to Know", May 1, 2012

### **Funded Projects:**

2014-2017, member of Totalis Clinical Oversight Committee, multi-center trial by Vertiflex

### **Clinical Innovations:**

Implanted spinal cord stimulator for successful treatment of meralgia paresthetica at Massachusetts General Hospital, never before reported in literature until I published a case report.

Implanted occipital nerve stimulator for successful treatment of occipital neuralgia, first done at Massachusetts General Hospital, and since done more routinely.

Safety of regular clopidogrel use after implantation of spinal cord stimulator. I was first to publish a letter to the editor questioning the safety and risk of epidural hematoma.

Introduced "stem cell therapy", BMAC (bone marrow aspirate concentrate), working in conjunction with Celling Biosciences, in 2013, to Florida Orthopaedic Institute, the largest orthopedic group in the state of FL, and among the first to do these procedures in Tampa Bay.

### **Report of Local Teaching and Training:**

#### **Formal Teaching of Residents, Clinical Fellows and Research Fellows:**

2004 Monthly Pain Residents Teaching Conference, MGH Pain Clinic, Massachusetts General Hospital. "Low Back Pain", lecturer, 2-4 residents, preparation time 4 hours, contact time 1 hour.

2004 Yearly MGH Pain Fellowship introductory lectures, MGH Pain Clinic, Massachusetts General Hospital. "Overview of the MGH Pain Clinic", lecturer, 5 fellows, preparation time 1 hour, contact time 1 hour.

2004 Yearly MGH Pain Fellowship introductory lectures, MGH Pain Clinic, Massachusetts General Hospital. "Non-steroidal anti-inflammatory drugs", lecturer, 6 fellows, preparation time 3 hours, contact time 1 hour.

2004 Monthly Pain Residents Teaching Conference, MGH Pain Clinic, Massachusetts General Hospital. "Discogenic Low Back Pain", lecturer, 2-4 residents, preparation time 3 hours, contact time 1 hour.

2004-2007: Monthly MGH Pain Fellowship journal club presentation, MGH Pain Clinic, Massachusetts General Hospital. One article selected and reviewed by me, lecturer, 6-10 fellows/residents/medical students, preparation time 2 hours each, contact time 1 hour each (12 presentations per year).

2005 Monthly Pain Residents Teaching Conference, MGH Pain Clinic, Massachusetts General Hospital. "Low Back Pain", lecturer, 2-4 residents, preparation time 3 hours, contact time 1hr.

2005 Yearly MGH Pain Fellowship introductory lectures, MGH Pain Clinic, Massachusetts General Hospital. "Overview of discogenic low back pain", lecturer, 10 residents, fellows, and medical students, preparation time 3 hours, contact time 1 hour.

2005 Yearly MGH Pain Fellowship introductory lectures, MGH Pain Clinic, Massachusetts General Hospital. "Overview of discogenic low back pain", lecturer, 10 residents, fellows, and medical students, preparation time 3 hours, contact time 1 hour.

2006 Monthly MGH Pain Residents Teaching Conference, MGH Pain Clinic, Massachusetts General Hospital. "Overview of Common Pain Procedures", lecturer, 4 residents and medical students, preparation time 1 hour, contact time 1 hour.

2008 Resident Lecture, Dept Medicine at Brigham and Women's Hospital. "Low Back Pain". Lecturer, 15 resident and 3 physicians, preparation time 3 hours, contact time 1.5 hours

2008 Resident Lecture, Dept Medicine at Brigham and Women's Hospital. "Opioids for chronic non-cancer pain". Lecturer, 8 residents, preparation time 3 hours, contact time 1.5 hours

2008 Resident Lecture, Dept Medicine at Brigham and Women's Hospital. "Opioids for chronic non-cancer pain". Lecturer, 15 residents and 2 physicians, preparation time 1 hour, contact time 1.5 hours

2009 Resident Lecture, Dept Medicine at Brigham and Women's Hospital. "Opioids for chronic non-cancer pain". Lecturer, 7 residents, preparation time 1 hour, contact time 1.5 hours.

2009 Resident Lecture, Dept Medicine at Brigham and Women's Hospital. "Low Back Pain". Lecturer, 6 residents, preparation time 1 hour, contact time 1.5 hours.

2010 Resident Lecture, Dept Medicine at Brigham and Women's Hospital. "Low Back Pain". Lecturer, 10 residents, preparation time 1 hour, contact time 1.5 hours.

2010 Resident Lecture, Dept Medicine at Brigham and Women's Hospital. "Opioids for chronic non-cancer pain". Lecturer, 10 residents, preparation time 1 hour, contact time 1.5 hour

**Local invited presentations:**

2001 Interdisciplinary Cancer Pain Conference, Massachusetts General Hospital. "Implantable intrathecal pump treatment for cancer pain", lecturer, 20 residents, fellows and staff physicians, preparation time 8 hours, contact time 1 hour.

2001 Dept. Orthopedic Surgery Spine Conference, Massachusetts General Hospital. "Discography: pros, cons, and surgery", lecturer, 20 residents, fellows and staff physicians, preparation time 12 hours, contact time 1 hour.

2001 Interdisciplinary Chronic Pain Rounds, Massachusetts General Hospital. "Cervical radiculopathy case presentation", lecturer, 20 residents, fellows and staff physicians, preparation time 6 hours, contact time 1 hour.

2001 Annual Sweet Lecture, in conjunction with visiting Professor Dr. John Loeser, Depts. Neurosurgery and Anesthesia, Massachusetts General Hospital. "Peripheral nerve stimulation", lecturer, 40 residents, fellows and staff physicians, preparation time 10 hours, contact time 1 hour.

2002 Dept. Physical Medicine and Rehabilitation, Spaulding Rehabilitation Hospital. "Pain management in Israel", lecturer, 20 residents, fellows, and staff physicians, preparation time 8 hours, contact time 1 hour.

2005 Interdisciplinary Cancer Pain Conference, Massachusetts General Hospital. "Treatment of Shingles and Post-herpetic Neuralgia", lecturer, 25 medical students, residents, fellows, and staff physicians, preparation time 2 hours, contact time 1 hour.

2005 Geriatric Grand Rounds, Harvard Medical School Division on Aging. "Shingles and Post-herpetic Neuralgia: Update on Treatment ", lecturer, 30 residents, fellows, and staff physicians, preparation time 12 hours, contact time 1 hour.

2011 Resident, Fellow and Attending Lecture, Dept Orthopaedic Surgery at Florida Orthopaedic Institute. "Opioids, Florida Law and You, Oh My". Lecturer, 12 attendings, residents, fellows, preparation time 4 hours, contact time 1.5 hours

2011 Resident, Fellow and Attending Lecture, Spine Conference at Florida Hospital Carrollwood. "Opioids, Florida Law and You, Oh My". Lecturer, 15 attendings, residents, fellows, preparation time 1 hour, contact time 1 hour



2012 Lecture, South University in Tampa. "Low back pain and update on FL opioids law".  
Lecturer, 25 physical therapists and physical therapy students, preparation time 4 hours, contact time 1.5 hours.

2012 Lecture, Florida Orthopaedic Institute Surgical Center. "Overview of Interventional Spine".  
Lecturer, 15 nursing and surgical center staff, preparation time 1 hour, contact time 1.5 hours.

2012 Lecture, TECO. "Interventional Spine: who, what, why, when, where, how." Lecturer, 6 nurse claims managers, preparation time 4 hours, contact time, 2 hours.

2012 Lecture, Coventry Health. " Interventional Spine: who, what, why, when, where, how."  
Lecturer, 20 nurse claims managers, preparation time 1 hour, contact time, 1 hour)

2012 Lecture, Travelers Florida. " Interventional Spine: who, what, why, when, where, how."  
Lecturer, 25 nurse claims managers, preparation time 1 hour, contact time, 1 hour)

2012 Lecture, Corvel. " Interventional Spine: who, what, why, when, where, how." Lecturer, 10 nurse claims managers, preparation time 1 hour, contact time, 1 hour)

2016 Lecture, DocClearUSA. "Indications for Commonly Performed Diagnostic Tests and Injection Procedures Used in Workers' Compensation Injury Care: *Focus on Low Back Pain.*"  
Lecturer, 50 nurse claims managers, preparation time 3 hours, contact time 1 hour.

2016 Lecture, Amerisure Insurance. "Indications for Commonly Performed Diagnostic Tests and Injection Procedures Used in Workers' Compensation Injury Care: *Focus on Low Back Pain.*"  
Lecturer, 25 nurse claims managers, preparation time 1 hour, contact time 1 hour.

2016 Lecture, Florida Orthopaedic Institute Surgery Center. "In-service on interventional spine procedures." Lecturer, 25 nurses, preparation time 1 hour, contact time 1 hour.

2017 Lecture, Sedgewick, Back Attack, Management of Acute Back Pain. Lecturer, 20 nurse claims managers, preparation time 1 hour, contact time 1 hour.

### **Report of Regional, National, and International Invited Teaching and Presentations:**

#### **Regional:**

2001 Interdisciplinary Grand Rounds, Tufts University School of Medicine. "IDET for discogenic pain", lecturer, 35 medical students, residents, fellows, and staff physicians, preparation time 12 hours, contact time 1 hour.

2003 Grand Rounds, Cape Cod Hospital, Hyannis, MA. "Intradiscal electrothermal therapy", lecturer, 20 residents and staff physicians, preparation time 6 hours, contact time 1 hour.

2003 Grand Rounds, Cape Cod Hospital, Hyannis, MA. "Acute Pain Management", lecturer, 20 residents and staff physicians, preparation time 6 hours, contact time 1 hour.

2004 Grand Rounds, Cape Cod Hospital, Hyannis, MA. “Chronic low back pain”, lecturer, 20 residents and staff physicians, preparation time 8 hours, contact time 1 hour.

2004 Grand Rounds, Cape Cod Hospital, Hyannis, MA. “What’s new in chronic pain management”, lecturer, 20 residents and staff physicians, preparation time 6 hours, contact time 1 hour.

2004 Cape Cod Chiropractic Society Meeting, Sandwich, MA. “Minimally invasive approaches to back pain, an update: vertebroplasty and disc decompression”, lecturer, 30 chiropractors, preparation time 8 hours, contact time 1 hour.

2004 Concepts in Spine Educational Conference for National Association of Orthopaedic Nurses of Massachusetts. “Emerging concepts in the diagnosis and treatment of discogenic low back pain,” lecturer, 30 nurses, preparation time 2 hours, contact time 1 hour.

2005 Grand Rounds, Dept Anesthesia at New England Medical Center, Tufts University School of Medicine. “Shingles and post-herpetic neuralgia: update on treatment”, lecturer, 45 medical students, residents, staff physicians, preparation time 6 hours, contact time 1 hour.

2005 CIMIT lecture. “Non-surgical therapy for discogenic low back pain: the IDET option”, lecturer, 40 medical students, residents, staff physicians, preparation time 14 hours, contact time 1 hour.

2005 CIMIT lecture. “Treatment of low back pain: panel discussion”, lead panel member, 40 medical students, residents, staff physicians, preparation time 1 hour, contact time 1 hour.

2005 Grand Rounds, Dept Medicine at Faulkner Hospital. “Shingles and post-herpetic neuralgia: update on treatment”, lecturer, 40 medical students, residents, staff physicians, preparation time 2 hours, contact time 1 hour.

2005 Grand Rounds, Dept of Medicine at Carney Hospital, Tufts University School of Medicine. “Shingles and post-herpetic neuralgia: update on treatment”, lecturer 40 medical students, residents, staff physicians, preparation time 3 hours, contact time 1 hour.

2005 Grand Rounds at HealthSouth Braintree. “Non-surgical therapy for discogenic low back pain: the IDET option”, lecturer, 35 staff physicians, nurses, physical therapists, occupational therapists, preparation time 3 hours, contact time 1 hour.

2006 Grand Rounds, Cape Cod Hospital, Hyannis, MA. “Opioids for chronic non-cancer pain: the good, the bad, and the ugly”, lecturer, 35 staff physicians, nurses, physical therapists, preparation time 12 hours, contact time 1 hour.

2008 Grand Rounds, Dept Medicine at Jordan Hospital. “Opiates for chronic non-malignant pain”. Lecturer, 50 physicians, preparation time 3 hours, contact time 1 hour



2008 Lecture, Dept. Medicine at Harvard Vanguard. "Low Back Pain". Lecturer, 15 physicians, preparation time 3 hours, contact time 1 hour

2008 Lecture, South Shore Medical Center/Atrius. "Opiates for chronic non-cancer pain". Lecturer, 20 physicians, preparation time 2 hours, contact time 1 hour

2008 Lecture, Dept Medicine at Beth Israel Deaconess Hospital -Needham. "Overview of Pain Management". Lecturer, 20 physicians, preparation time 2 hours, contact time 1 hour

2010 Panel member, Babson College Graduate School of Business, Wellesley, MA. "Life science and healthcare industry." 50 MBA students and faculty, preparation time 1 hour, contact time 1 hour

2011 Panel member, Babson College Graduate School of Business (Management Field Consulting Program) and Aiko Biotechnology, Wellesley, MA. "Opioid Induced Constipation Panel Discussion and Webinar." 15 MBA students, PhD's, Physicians, preparation time 2 hours, contact time 1.5 hours.

2012 CME course Lecture at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL. "Work-up and Evaluation of Back/Neck Pain". Lecturer, 120 primary care physicians, orthopedic surgeons, physical therapists, nurse practitioners. preparation time 10 hours, contact time 30 minutes.

2012 CME course Lecture at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL. "Interventional Spine." Lecturer, 120 primary care physicians, orthopedic surgeons, physical therapists, nurse practitioners. preparation time 10 hours, contact time 30 minutes.

2012 Grand Rounds, Dept Orthopaedics and Sports Medicine at University of South Florida College of Medicine. "Concepts and Techniques for Spinal Injections". Lecturer, 50 orthopedic surgeons and residents. preparation time 10 hours, contact time 1 hour.

2013 Lecture, Florida Bar Workers Compensation Forum, Orlando, FL. "Interventional Spine". Lecturer, 150 Attorneys and Case Managers. preparation time 1 hour, contact time 1 hour.

2013 CME course Lecture at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL. "Non-operative treatment of spinal disorders." Lecturer, 150 primary care physicians, orthopedic surgeons, physical therapists, nurse practitioners. preparation time 8 hours, contact time 30 minutes.

2013 CME course lecture at Foundation for Orthopaedic Research and Education Weekly Spine Conference, Florida Hospital Carrollwood. "Diagnostic and Therapeutic Spinal Interventions' ". Lecturer, 20 physicians. preparation time 3 hours, contact time 1 hour.

2013 CME course lecture for Association of Workers Compensation Claims Professionals, Annual holiday conference, Tampa, FL. "Work-up and Evaluation of Back and Neck Pain". Lecturer, 100 workers compensation professionals. preparation time 1 hour, contact time 1 hour.

2015 CME course lecture for Florida Society of Anesthesiologists annual meeting, Palm Beach, FL. "Evaluation and treatment of low back pain". Lecturer, 100 physicians. preparation time 6 hours, contact time 1 hour.

2015 CME course lecture at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL. "Interventional Spine." Lecturer, 150 primary care physicians, orthopedic surgeons, physical therapists, nurse practitioners. preparation time 7 hours, contact time 30 minutes.

2015 CME course moderator for spine section at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL.

2016 CME course lecture at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL. "Workup and Treatment of Neck Pain." Lecturer, 150 primary care physicians, orthopedic surgeons, physical therapists, nurse practitioners. preparation time 8 hours, contact time 30 minutes.

2016 CME course moderator for spine section at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL.

2019 CME course lecture at Orthopaedics for the Primary Care Practitioner and Rehabilitation Therapist in Clearwater, FL. "Interventional Pain Management of Back and Neck Pain" Lecturer, 150 primary care physicians, orthopedic surgeons, physical therapists, nurse practitioners. preparation time 8 hours, contact time 30 minutes.

**National:**

2003 Dept. Anesthesiology, University of Miami, Miami, FL. "IDET: Does it work?" lecturer, 25 medical students, residents, fellows and staff physicians, preparation time 6 hours, contact time 1 hour.

2014 CME course lecture for Orthopaedic Trauma Association Annual Meeting, Tampa, FL. "Pain Management: IV tylenol, nsoids, narcotics, pca, regional blocks", lecturer, 200 PAs/NPs/physicians, preparation time 8 hours, contact time 1 hour.

2021 Connectionology webinar (national). "Disc Herniation and Lumbar Radiculopathy: Considerations for the Life Care Planner", lecturer, 90 plaintiff attorneys, defense attorneys and paralegals, preparation time 8 hours, contact time 1.5 hours.

2021 CE course lecture for International Association of Rehabilitation Professionals Annual Conference (virtual). "Disc Herniation and Lumbar Radiculopathy: Considerations for the Life Care Planner", lecturer, preparation time 3 hours, contact time 1.5 hours.

### **International:**

2005 Grand Rounds, Institute of Neurology, Belgrade Medical School, Belgrade, Serbia.  
 “Treatment of Shingles and Post-Herpetic Neuralgia”, lecturer, 30 medical students, residents, and staff physicians, preparation time 7 hours, contact time 1 hour.

### **Report of Education of Patients and Service to the Community:**

- 2005 Featured in article. MGH Pain Clinic offers innovative treatments. The Fruit Street Physician: Publication of the Massachusetts General Physicians Organization 2005 Feb
- 2006 Lecturer to Cape Cod community, 100 attendees, on Treatment of Back Pain
- 2008 Lecturer to Barnstable Senior Center/Cape Cod, 100 attendees, Treatment of Back Pain
- 2010 Lecturer to Dedham community, 150 attendees, on Treatment of Lumbar Spinal Stenosis
- 2012 Lecturer to Valencia Lakes (Sun City, FL), 30 attendees, on Treatment of Back Pain
- 2013 Lecturer to TGH Community Education (Tampa), 40 attendees, on Back Pain
- 2013 Lecturer to TGH Community Education (Sun City), 75 attendees, on Back Pain
- 2013 featured on Channel 10 news, Tampa Bay, on Making a Difference for Kuwait Visiting Doctors Program
- 2013 featured in article in Hillsborough County Medical Association Bulletin publication for Kuwait Visiting Doctor Program
- 2014 featured in article in Tampa Tribune, "Florida heals from pill mill epidemic"
- 2015 featured in article in Hillsborough County Medical Association Bulletin publication, Our Current Mission as Physicians: Deliver Value
- 2016 featured in an article in Hillsborough County Medical Association Bulletin publication. Moving from Boston to Tampa: changing my specialty designation from pain management to interventional spine. What's in a name?
- 2016 featured article in Hillsborough County Medical Association Bulletin publication, Online Physician Reviews: Embrace or Ignore Them?

### **Report of Scholarship:**

#### **Publications:**

Vallejo R, Hord E, **Barna SA**, Santiago-Palma J, Ahmed S. Perioperative immunosuppression in cancer patients. Journal of Environmental Pathology, Toxicology, and Oncology 2003; 22(2):139-46.

Hord E, Stojanovic M, Vallejo R, **Barna SA**, Santiago-Palma J, Mao J. Multiple bier blocks with labetalol for complex regional pain syndrome refractory to other treatments. Journal Pain and Symptom Management 2003 April; 25(4): 299-302.

Cohen S, Larkin T, **Barna SA**, Palmer W, Hecht A, Stojanovic M. Lumbar Discography: A Comprehensive Review of Outcome Studies, Diagnostic Accuracy and Principles. Regional Anesthesia and Pain Medicine 2005; 30(2): 169-183.

**Barna SA**, Hu M, Buxo C, Trella J, Cosgrove GR. Spinal cord stimulation for treatment of meralgia paresthetica. Pain Physician 2005 July; 8(3): 315-318.

Santiago-Palma, Jimenez, **Barna SA**, Messina. Radicular pain in a patient with aqueductal cerebral stenosis. PM&R 2009 September; 1(9): 884-6

**Barna SA**, May VR. Chronic pain and complex regional pain syndrome: a review of literature. Journal of Life Care Planning 2020 September; 18(3): 23-32.

### **Reviews, Chapters, and Editorials**

Thiyaga-rajah A, Santiago-Palma J, **Barna SA**. Dystonias. Emedicine 2004 June (online at [www.emedicine.com](http://www.emedicine.com)).

**Barna SA**, Hashmi M. Occipital Neuralgia. Pain Management Rounds 2004; 1(7): 1-6.

**Barna SA**, Hord E, Vallejo R. Intradiscal electrothermal therapy. Emedicine 2005 April (online at [www.emedicine.com](http://www.emedicine.com)).

**Barna SA**, Santiago-Palma J, Hord E, Vallejo R, Thiyaga A. Discography. Emedicine 2005 April (online at [www.emedicine.com](http://www.emedicine.com)).

Ballantyne J, **Barna SA**. Non-steroidal anti-inflammatory drugs. In: Ballantyne J, editor. The Massachusetts General Hospital Handbook of Pain Management, Third Edition 2006. Lippincott, Williams and Wilkins (in print).

Cyncynatus K, **Barna SA**. Significant Body Systems. In May V, Bowman R, **Barna SA** (in press). Routledge Handbook of Medical Aspects of Disability and Rehabilitation for Life Care Planning. Routledge.

### **Books:**

**Barna SA**, *advisor to work*. Navigating the Anesthesia Shortage: Ensuring Necessary Coverage to Enable Procedure Growth. Washington, D.C: Advisory Board Company; 2005.

May V, Bowman R, **Barna SA** (in press). Routledge Handbook of Medical Aspects of Disability and Rehabilitation for Life Care Planning. Routledge.

### **Letters to the Editor:**

Veech G, **Barna SA**, Stojanovic M. Clopidogrel Use after Spinal Cord Stimulator Implantation. Pain Physician 2004 ; 7: 491-493.

Singla AK, **Barna SA**, Stojanovic MP. Persistent Low Back Pain. New England Journal of Medicine 2005; 353(9): 956-957.

Santiago-Palma J, Kornick C, **Barna SA**, Vallejo R. Are Cervical Nerve Root Blocks “Safe and Effective?” American Journal of Neuroradiology 2005 October; 2434-2435.

### **Clinical Guidelines and Reports:**

**Barna SA**, Ballantyne J. MGH Anticoagulation Guidelines for Regional and Neuraxial Anesthesia. Massachusetts General Hospital (hospital clinical practice guidelines) 2002.

**Abstracts:**

Hord E, Cohen S, Ahmed S, Chang Y, Vallejo R, **Barna SA**, Stojanovic M. Does sympathetic block predict success in complex regional pain syndrome patients undergoing spinal cord stimulation. *Journal of Pain* 2002; 3(2 Suppl 1): 46.

Vallejo R, Santiago-Palma J, **Barna SA**, Thiyaga-rajah A, Polykoff G, Ahmed S. Tizanidine for the treatment of chronic myofascial pain. Abstracts: 10th World Congress on Pain; 2002 Aug 17-22; San Diego, California: IASP Press; 2002.

Santiago-Palma J, **Barna SA**, Vallejo R, Chen L, Mao J, Ahmed S. Opioid rotation in the management of chronic non-cancer pain: preliminary results of an analysis of dose ratios between methadone and controlled release oxycodone. Abstracts: 10th World Congress on Pain; 2002 Aug 17-22; San Diego, California: IASP Press; 2002.

Stojanovic M, Santiago-Palma J, **Barna SA**, Vallejo R, Trella J, Hord E. Is the anteroposterior fluoroscopy view alone adequate to assess epidural contrast spread. Abstracts: 10th World Congress on Pain; 2002 Aug 17 22; San Diego, California: IASP Press; 2002.

**Barna SA**, Santiago-Palma J, Hord E, Chen L, Mao J, Ahmed S. Methadone as a first line long-acting opioid for the treatment of chronic non-cancer pain. Abstracts: 10th World Congress on Pain; 2002 Aug 17-22; San Diego, California: IASP Press; 2002.