

Adam J Carinci, MD, JD, MBA
Curriculum Vitae

CRPS Thought Leader and Expert Witness (MD, JD). Dr. Carinci's forensic experience includes all facets of pain medicine, medical malpractice and opioid litigation with a domain expertise concentrated on nerve injury and CRPS litigation. Chief of Pain Medicine at University of Rochester Medical Center. University of Rochester Faculty. Former Harvard Faculty. Johns Hopkins and Harvard trained. Winner of multiple awards for clinical excellence. Well-published. Significant teaching experience. Experienced expert witness.

Date Prepared / 1/2026

Updated:

Name: Adam J. Carinci, M.D.

Title: Chief, Division of Pain Medicine

Director, Pain Treatment Center

Associate Professor

University of Rochester Medical Center

University of Rochester School of Medicine and Dentistry

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Education

1998	B.S. Suma Cum Laude	Biochemistry	Pace University
2005	M.D.	Medicine	Johns Hopkins School of Medicine
2018	M.B.A	Business	Louisiana State University
2023	J.D.	Law	Louisiana State University-Novus

Postdoctoral Training

06/05 – 06/06	Intern	Internal Medicine	Johns Hopkins University/Sinai Hospital
06/06 – 07/09	Resident	Anesthesia and Critical Care	Johns Hopkins Hospital
07/09 – 06/10	Fellow	Pain Medicine	Massachusetts General Hospital

Faculty Academic Appointments

07/10 – 8/16	Instructor	Anesthesia, Critical Care and Pain Medicine	Harvard Medical School
12/17 –	Associate Professor	Anesthesia, Perioperative and Pain Medicine	University of Rochester School of Medicine and Dentistry

Appointments at Hospitals/Affiliated Institutions

07/09 – 8/16	Assistant in Anesthesia	Anesthesia, Critical Care and Pain Medicine	Massachusetts General Hospital
9/16 – 11/17	Staff	Anesthesia / Pain Medicine	Our Lady of the Lake
9/16 – 11/17	Staff	Anesthesia / Pain Medicine	Baton Rouge General
12/17 –	Faculty	Anesthesia / Pain Medicine	University of Rochester Medical Center

Major Administrative Leadership Positions

Local

2010 – 13	Director, Same-Day Surgery Unit (SDSU) PACU Nurse Lecture Series	Massachusetts General Hospital
2012-14	Physician Lead for MGH Anesthesia Preoperative IT Systems	Massachusetts General Hospital
2012-14	Medical Director PATA Pre-Admission Testing Area	Massachusetts General Hospital
2014-16	Director, Interventional Pain Lecture Series	Massachusetts General Hospital
2014 -16	Director, MGH Pain Center (Boston)	Massachusetts General Hospital
2014 -16	Director, MGH West Pain Center (Waltham)	Massachusetts General Hospital
2014-16	Director, Chronic Pain Inpatient Service	Massachusetts General Hospital
2017 -	Chief, Division of Pain Medicine	University of Rochester Medical Center
2017 -	Director, Pain Treatment Center	University of Rochester Medical Center
2019 - 2020	Director, Noyes Hospital, Pain Center	University of Rochester Medical Center

Committee Service**Local**

2011-2012	Residency Selection Committee	Massachusetts General Hospital
2011-2012	Pain Fellowship Selection Committee	Massachusetts General Hospital
2011-2012	DACCPM Clinical Research Focus Group	Massachusetts General Hospital
2012-16	Clinical Research Advisory Committee	Massachusetts General Hospital
2012-16	Ortho PATA Redesign Committee 2012-	Massachusetts General Hospital Committee Chair
2012-16	Scientific Review Committee 2012-	Acute Pain Medicine Symposium, Harvard Medical School Committee Chair
2012-16	Executive Perioperative Leadership Committee	Massachusetts General Hospital
2012-16	Quality Assurance Committee	Massachusetts General Hospital

2012-16	PATA Information Technology Platform Selection Committee Meeting	Massachusetts General Hospital
2014 - 16	Medical Education and Safety Committee Subcommittee on Pain and Sedation (Pharmacy and Therapeutics Committee)	Massachusetts General Hospital
2017 -	Pain Improvement Steering Committee	University of Rochester Medical Center
2017 -	Ambulatory Medical Directors Council	University of Rochester Medical Center
2017 -	Executive Committee, Anesthesiology	University of Rochester Medical Center
2018 -	Quality Improvement Committee	University of Rochester Medical Center
2018 -	URMC Multidisciplinary Opioid Taskforce	University of Rochester Medical Center
2021 -	URMCFG Finance Committee	University of Rochester Medical Center

Professional Societies

2002 –	American Society of Anesthesiologists	
	2007 - 2008	Adjunct Committee Member, Committee on Pain Medicine
	2008 - 2009	Resident Trustee, Board of Trustees, Wood Library – Museum
	2009 - 2010	Adjunct Committee Member, Committee on Governmental Affairs
	2009 - 2010	Adjunct Committee Member, Committee on Communications
	2018 -	Pain Education Committee
2008 – 2009	MedChi: Maryland State Medical Society	
	2008 – 2009	Council Member, Legislative Council
2012- 2016	Massachusetts Medical Society	
	2012-	Executive Committee Member: District 6 Alternative Representative

2012 - 2016	Massachusetts Biotechnology Education Foundation	Community College Advising Committee
2015 –	American Board of Anesthesiology	Pain Medicine Exam Committee, Exam Writer
2017 –	North American Neuromodulation Society	Education Committee
2017 –	North American Neuromodulation Society	Targeted Drug Delivery Committee
2018 –	NYS Society of Anesthesiologists	Pain Management Committee
2019 –	American Board of Anesthesiology	Oral Board Examiner

Editorial Activities

Ad hoc reviewer:

1. Pain Medicine
2. Anesthesia and Analgesia
3. The Open Anesthesiology Journal

Honors and Prizes

1994 – 1998	Presidential Scholarship	Pace University	Full Tuition Scholarship
1998	Summa Cum Laude	Pace University	Top 2% of Graduates
2001 – 2005	Francis Turner White Academic Scholarship	Johns Hopkins Medical School	Tuition Scholarship
2002	Dean Research Stipend	Johns Hopkins Medical School	Research Award
2008	Resident Leadership Award	Baxter Healthcare, Inc.	Leadership / Research
2009	ESP Scholarship	Emerging Solutions in Pain	Research Award
2012	CPIP Leadership Program	Partners Healthcare, Inc.	Process Improvement Leadership Program
2012	MGPO Physician Leadership Program	Partners Healthcare, Inc.	Leadership Training Program
2013	DACCPM	MGPO	Career Development Grant
2013	Partners in Excellence	Partners Healthcare, Inc.	Clinical Excellence

Award – Acute Pain

2013	Partners in Excellence Award – PATA Redesign	Partners Healthcare, Inc.	Clinical Excellence
2014	Partners in Excellence Award – Anesthesia Clinical Leadership Team	Partners Healthcare, Inc.	Clinical Excellence

Report of Funded and Unfunded Projects**Funding Information****Past**

- 2009-2010 A Multicenter, Placebo-Controlled, Double-Blinded, Randomized Study to Compare the Efficacies of Transforaminal Corticosteroid versus Transforaminal Etanercept versus Transforaminal Saline for the treatment of lumbosacral Radicular pain
Industry Sponosred: Johnson and Johnson
Co-Investigator
A multicenter RCT to assess and compare the efficacies of corticosteroid vs. Etanercept Vs Saline in the treatment of lumbar Radicular pain.
- 2011- Lumbar Epidural Steroid Injections for Spinal Stenosis (LESS): a double-blind randomized controlled trial of epidural steroid injections for lumbar spinal stenosis among older adults. Funding for this study is provided by the AHRQ, CHOICE award number A53923
Co-Investigator
LESS is a double-blind RCT of ESI plus local anesthetic injections versus local anesthetic injections for the treatment of pain associated with lumbar spinal stenosis in older adults. The results of this study should provide compelling evidence as to whether or not epidural steroid injections are effective in improving function and pain in the elderly with lumbar spinal stenosis.
- 2012- An Open-label, Multicenter Study of the Safety, Pharmacokinetics, and Efficacy of Buprenorphine Transdermal System (BTDS) in Opioid-naïve and Opioid-experienced Children From 7 to 16 Years of Age, Inclusive, Who Require Continuous Opioid Analgesia for Moderate to Severe Pain.
Industry Sponsored Trial: Purdue Pharma L.P.
Co-Investigator
This open-label study will be investigate the safety, pharmacokinetics and efficacy of Buprenorphine Transdermal System in children ages 7-16.
- 2012- Optimal Method of Pain Management in Patients with Multiple Rib Fractures
Funding Source: Department of Surgery, Division of Trauma, Emergency Surgery and Surgical Critical Care, Massachusetts General Hospital.
Co-Investigator
The ON-Q® Pain Relief System is an FDA-approved antimicrobial catheter, which automatically and continuously delivers local anesthetics to the region of the thoracic

intercostal nerves. We hypothesize that trauma patients, with three or more rib fractures, who receive pain management through the ON-Q® Pain Relief System have a shorter hospital length of stay (LOS) when compared with epidural analgesia.

- 2018 – A Prospective, Multi-center, Randomized, Assessor Blind, Controlled Study Comparing Lateral Branch Cooled Radiofrequency Denervation to Conservative Therapy as Treatment for Sacroiliac Joint Pain in a Military and Civilian Population.
Principal Investigator
- 2018 – A Prospective, Multicenter, Randomized, Double-Blinded, Sham-Controlled Study to Evaluate the Efficacy and Safety of Clonidine Micropellets for the Treatment of Pain Associated with Lumbosacral Radiculopathy in Adults.
Sollis Therapeutics Study STX-015-18-01.
Principle Investigator
- 2019 - A Multicenter, Randomized, Follow-Up Study to Evaluate the Long-Term Safety of Clonidine Micropellets for the Treatment of Pain Associated with Lumbosacral Radiculopathy in Adults: RePRIEVE-CM-LT (achieving Radicular Pain Relief Via Epidural injection of Clonidine Micropellets Long-term)
Sollis Therapeutics Study STX-015-18-02
Principle Investigator

Report of Local Teaching and Training

Teaching of Students in Courses

4/29/2011	Classroom to Clerkship – Clinical Skills Session Third Year Harvard Medical Students	Harvard Medical School 2 Hour Course
7/16/11	New Pathway Pharmacology Course : Mini-case Group Leader /Instructor Second Year Harvard Medical Students	Harvard Medical School Two Week Course

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

01/08/07	Opioid Tolerance and Addiction (Faculty, Fellows, Residents)	Johns Hopkins Hospital, Resident Presentations (1 hour lecture)
08/21/07	A Case of Lumbar Spine Pain with Circumferential Lower Extremity Radiation (Faculty, Fellows, Residents)	Johns Hopkins Hospital, Neuromodulation Conference (1 hour lecture)

09/30/09	The Piriformis Syndrome: Clinical Diagnosis, Treatment and Review of the Literature (Faculty, Fellows, Residents)	Massachusetts General Hospital, Interventional Pain Conference (1 hour lecture)
01/13/10	Discography: History, Indications and Literature Review (Faculty, Fellows, Residents)	Massachusetts General Hospital, Interventional Pain Conference (1 hour lecture)
03/22/10	38 Year Old Female with Chronic Refractory Back Pain (Faculty, Fellows, Residents)	Massachusetts General Hospital, Chronic Pain Rounds (1 hour lecture)
03/31/10	Sacroiliac Joint RFL: Technique, Indications and Review of the Literature (Faculty, Fellows, Residents)	Massachusetts General Hospital, Interventional Pain Conference (1 hour lecture)
04/05/10	Chemotherapy Induced Neuropathic Pain: Offending Agents, Prophylactic Strategies and Treatment (Faculty, Fellows, Residents)	Massachusetts General Hospital, Chronic Pain Rounds (1 hour lecture)
04/21/10, 11/03/10, 10/28/11, 06/08/12	Intra-articular Knee Injections for Osteoarthritis (Faculty, Fellows, Residents)	Massachusetts General Hospital, Interventional Pain Conference (1 hour lecture)
07/20/10, 09/14/10	The Physiologic Effects of Epidural and Spinal Anesthesia (Residents)	Massachusetts General Hospital, Acute Pain Service, Resident Lecture (1 hour lecture)
07/22/10, 08/05/10, 09/16/10, 10/07/10, 02/08/11, 04/19/12, 5/21/13, 8/14/13, 2/11/14	Complications of Epidural and Spinal Anesthesia (Residents)	Massachusetts General Hospital, Acute Pain Service, Resident Lecture (1 hour lecture)
08/03/10, 10/05/10, 01/18/11, 03/22/11, 07/25/11, 05/24/12, 9/4/2012, 6/12/13, 10/4/13, 6/17/14	Neuraxial Pain Management (Residents)	Massachusetts General Hospital, Acute Pain Service, Resident Lecture (1 hour lecture)

10/13/10, 03/03/11, 10/14/11, 03/08/12, 07/13/12, 9/14/2012, 10/5/2012	The Piriformis Syndrome: Clinical Diagnosis, Treatment and Review of the Literature (Residents and Medical Students)	Massachusetts General Hospital, Chronic Pain Service, Resident Lecture Series (1 hour lecture)
10/15/10, 11/16/10, 12/20/10, 02/04/11, 11/16/11, 9/24/2012, 10/1/2012, 5/23/13, 3/4/14, 6/20/14	Post-Operative Pain Management (Residents)	Massachusetts General Hospital, Preoperative Clinic (PATA), Resident Lecture Series (1 hour lecture)
12/10/10	Neuraxial Pain Management (Residents)	Massachusetts General Hospital, Preoperative Clinic (PATA), Resident Lecture Series (1 hour lecture)
1/14/11	Resident Board Review Series CRPS (Residents)	Massachusetts General Hospital, Resident Board Review (1 hour lecture)
4/12/11, 05/18/12	Chronic Opioid Therapy Risks and Benefits (Fellows, Residents and Medical Students)	Massachusetts General Hospital, Chronic Pain Service, Journal Club (1 hour lecture)
4/15/11	Perioperative Cardiac Evaluation (Residents)	Massachusetts General Hospital, Preoperative Clinic (PATA), Resident Lecture Series (1 hour lecture)
8/05/11, 5/30/12, 7/17/12, 6/14/13, 10/3/13, 8/26/14	Methadone: Pharmacodynamics and Pharmacokinetics (Residents)	Massachusetts General Hospital, Preoperative Clinic (PATA), Resident Lecture Series (1 hour lecture)
10/20/2011	Resident Dinner Lecture Series (Fellowship Options)	Massachusetts General Hospital,

12/14/11, 1/25/12, 2/29/12, 3/14/12, 5/22/12, 6/26/12, 8/29/13, 2/14/14	Methadone and Buprenorphine (Residents)	Preoperative Clinic (PATA), Resident Lecture Series (1 hour lecture)
12/5/11, 1/12/12, 2/24/12, 4/17/12, 6/28/12, 7/19/12 9/7/12, 9/12/13, 4/18/14	Anticoagulation and Neuraxial Anesthesia (Residents)	Massachusetts General Hospital, Acute Pain Service, Resident Lecture (1 hour lecture)
3/23/11, 6/22/12, 8/24/12, 3/6/14, 4/14/14, 8/29/14	Options for Post-Operative Pain Control (Residents)	Preoperative Clinic (PATA), Resident Lecture Series (1 hour lecture)

Formally Supervised Trainees

2010	Pankaj Mehta, M.D., Anesthesia Resident, MGH, Served as mentor during pain fellowship application and coauthored a published journal article
2010	Nadya Dhanani, M.D., Anesthesia Resident, MGH, Served as mentor during pain fellowship application and coauthored a published journal article
2011	George Hanna, M.D., Anesthesia Resident, MGH, Served as mentor during pain fellowship application and coauthored a published textbook chapter
2012	Ravi Pathak, M.D., Anesthesia Resident, MGH, Served as mentor during pain fellowship application and coauthored a published journal article.
2012	Mark Young, M.D., Anesthesia Resident, MGH, Served as mentor during pain fellowship application and coauthored a published journal article.
2013	Scott Pritzlaff, M.D., Anesthesia Resident, MGH, Served as mentor during pain fellowship application and coauthored a published journal article.
2014	

Adeola Sadik M.D., Anesthesia Resident, MGH, Served as a mentor and co-authored a text book chapter on chronic pain.

2016

Alexander Moore, M.D., Anesthesia Resident, MGH, Served as a mentor and co-authored a text book chapter on chronic pain.

Formal Teaching of Peers (e.g., CME and other continuing education courses)

No presentations below were sponsored by outside entities.

2011	Adductor Canal and US Guided Femoral Nerve Block MGH Ultrasound Guidance in Anesthesia Workshop	4 – Presentations MGH, Boston, MA
2012	Identification of Patients at High Risk for Opioid Abuse CME Online Program	<u>1 Lesson</u> Harvard Medical School
2012	Acute Pain Medicine, Poster and Abstract Session -Session Moderator (9/8/12) Applied Physiology of Pain -Lecturer Patient Controlled Analgesia -Lecturer Session IV: Analgesics – Safe and Effective Use -Session Moderator Acute Pain Medicine, Poster and Abstract Session -Session Moderator (9/9/12) Acute Pain Medicine, Scientific Program Committee -Committee Member Acute Pain Medicine Symposium	2 presentations + served as moderator for 3 sessions + served on the scientific program committee Harvard Medical School, Department of Continuing Education
2013	Acute Pain Medicine, Poster and Abstract Session -Session Moderator (9/8/13) Acute Pain Medicine, Scientific Program Committee -Committee Member Acute Pain Medicine, Program Planning Committee -Committee Member	Served on planning committee, scientific program committee and moderator for 1 session

	Acute Pain Medicine Symposium	Harvard Medical School, Department of Continuing Education
2013	Opioids the Scientific Truth -Lecturer	1 Presentation
	Principles and Practice of Pain Medicine	Harvard Medical School, Department of Continuing Education
2014	The Use of Opiates for Chronic Pain Management -Lecturer (6/12/14)	1 Presentation
	Massachusetts General Hospital Internal Medicine Review Course Harvard Medical School, Department of Continuing Education	
	Opioids: The Scientific Proof -Lecturer (6/24/14) -Panel Discussion Member (6/24/14)	1 Presentation, 1 Panel Discussion
	Principles and Practice of Pain Medicine	Harvard Medical School, Department of Continuing Education
2015	Opioids and Perioperative Risk: The Preoperative Pain Consultation -Lecture (1/22/15) 1 Presentation, 1 Panel Discussion Tufts Dental School: Pain Assessment Course Lecture, 25 Students	
	Responsible Opioid Prescribing in the Era of the Opioid Epidemic Lynn Community Health Center, North Shore Medical Center	
	Preoperative Pain Consultation As a Means to Stem the Tide of Opioid Abuse -Lecture (4/29/15) 1 Presentation Headache and Facial Pain Interprofessional Grand Rounds, Tufts School of Medicine & Tufts School of Dental Medicine..	
	Opioids and Perioperative Risk: The Preoperative Pain Consultation -Lecture (1/22/15) 1 Presentation, Preadmission Testing, Nurse Practitioner CME, MGH, PATA, 3/5/15	

Healthy Back, Healthy Life
Community Lecture, Cooley Dickenson Hospital, 5/21/15

The Public Health and Clinical Implications of Chronic Opioid Therapy: Stemming the Tide
Grand Rounds, Cooley Dickenson Hospital 5/22/15

The Public Health and Clinical Implications of Chronic Opioid Therapy: Stemming the Tide 1 Presentation, 1 Panel Discussion

-Lecturer (6/2/15)

-Panel Discussion Member (6/2/15)

Principles and Practice of Pain Medicine Harvard Medical School, Department
of Continuing Education

The Clinical Implications of Opioids: A Preoperative Consultation Model
Medical Education Clinical Conference, Risk Management Course and CME
Emerson Hospital, Concord MA
Lecture: 9/11/15

The Public Health and Clinical Implications of Chronic Opioid Therapy: Stemming the Tide
Palliative Care Grand Rounds, MGH 9/30/15
CME

Opioid Therapy: Basic Science and Clinical Management
Pfizer Pain Management Preceptorship
MGH, 9/30/15

2016 Insights on Novel Technology in Pain Management with Abuse-Deterrent Extended Release Opioids
Baton Rouge General Hospital, Ground Rounds
12/7/16

2017 Identification of Opioid Use Disorder
Our Lady of the Lake Hospital, Grand Rounds

3/6/17

Insights on Novel Technology in Pain Management with Abuse-Deterrent Extended Release Opioids
 2017 Painweekend, New Orleans, LA
 6/25/17

2018 UPMC Primary Care Site Medical Directors, Chronic Pain Management 2/7/18
 2018 UPMC Primary Care Site Medical Directors. Kyphoplasty 4/4/18
 2018 Red Creek Family Medicine, Kyphoplasty 8/22/18
 2018 Panorama Internal Medicine, Opioid Tolerance and Addiction 11/20/18

/Report of Clinical Activities and Innovations

Current Licensure and Certification

2009 - Massachusetts Medical License
 2010 - American Society of Anesthesiology, Board Certification
 2012 - American Society of Anesthesiology, Subspecialty, Pain Medicine, Board Certification
 2016 – 2018 Louisiana Medical License
 2017 - New York Medical License

Practice Activities

2009 – 2016	OR Anesthesia -inpatient / outpatient	Massachusetts General Hospital	1 day per week
2010 – 2016	Chronic Pain Clinic - outpatient	Massachusetts General Hospital	1 clinic day per week
2010 – 2016	Acute Pain Service - inpatient	Massachusetts General Hospital	8 weeks on service per year
2010 – 2016	Preoperative Clinic - outpatient	Massachusetts General Hospital	1 clinic day per week
2011 – 2016	Chronic Pain Clinic -outpatient	Massachusetts General Hospital West Waltham	1 clinic day per week
2013 – 2016	Pediatric Pain Service -inpatient	Massachusetts General Hospital	6 weeks on service per year
2014 - 2016	Chronic Pain Outpatient	Massachusetts General Hospital	3 clinical days per week

2016 – 2017	Outpatient Pain Clinic	Comprehensive Pain Management, LLC	5 clinical days per week
2017 -	Outpatient Chronic Pain	University of Rochester Medical Center	3 clinical days per week
2017 -	Inpatient Acute Pain	University of Rochester Medical Center	6 weeks on service per year

Report of Education of Patients and Service to the Community

Activities

9/15/2011	The Blum Center, September Lecture Series, Pain Awareness Month “Pain Control for Surgery” Invited Lecturer, Sponsored by The Blum Center A two hour evening lecture and question / answer period for MGH patients, families and the general public focused on post-operative pain control sponsored by the Blum Patient and Family Learning Center.		
11/13/2018	To Your Health Lecture Series, Highlands at Pittsford “Healthy Back, Healthy Life. Invited Lecturer, Sponsored by the University of Rochester. A 1 hour lecture followed by a question and answer period for patients, families and the general public focused on causes, risk factors, diagnoses, treatments and preventative measures for low back pain.		
3/5/19	Dorsal Root Ganglion Neuromodulation as an Alternative to Opioids in the Evolving Healthcare Crisis Wellcome Genome Campus Conference Centre, Hinxton, Cambridge, United Kingdom. March 5, 2019		
3/15/19	Opioid Risk Evaluation and Mitigation Strategies. Opioid Use and Risks: A Practical Approach to Harm Reduction in Older Adults. Risk Management Course and CME March 15, 2019. University of Rochester Medical Center, Monroe Community Hospital.		
5/4/19	Opioid Induced Hyperalgesia and Clinical Anesthesia. Scientific Evidence and Latest Thinking. Can-Am Clinical Anesthesia Conference 2019		

Ontario, Canada.

7/9/19

Emerging Issues in Pain Therapeutics

7th Annual Therapeutics Day Conference
Harvard Medical School, Boston, MA.

Report of Scholarship

Publications

Peer reviewed publications in print or other media

Journal Articles:

1. Pastor SD, **Carinci A**, Khoury N, Rahni DN. The Synthesis and Conformation of Sterically Congested Seven-Membered Rings Containing Tetracoordinate Germanium(iv): Determination of the Delta g for Ring Inversion. Inorg Chem. 2001 Jul 16;40(15):3830-2.
2. **Carinci AJ**, Christo PJ. Physician Impairment: Is Recovery Feasible? Pain Physician. 2009 May-Jun;12(3):487-91
3. **Carinci AJ**. Careers in Anesthesiology: The Joy of Volunteering. Volume XI. Book Review. Eds. Caton D. and McGoldrick KE. Anesthesiology. 2010 Feb;112(2):503
4. Christo PJ, Christo DK, **Carinci AJ**, Freischlag JA. Single CT-Guided Chemodenervation of the Anterior Scalene Muscle with Botulinum Toxin for Neurogenic Thoracic Outlet Syndrome. Pain Med. 2010 Apr;11(4):504-11.
5. **Carinci AJ**, Mao J. Pain and Opioid Addiction: What Is the Connection? Current Pain and Headache Reports. 2010 February; 14(1):17-21.
6. **Carinci AJ**, Mehta P, Christo, PJ. Chronic Pain in Torture Victims. Current Pain and Headache Reports. 2010 April; 14(2):73-79.
7. Dhanani NM, Caruso TJ, **Carinci AJ**. Complementary and Alternative Medicine for Pain: An Evidence-based Review. Current Pain Headache Reports. 2011 Feb;15(1):39-46.
8. **Carinci AJ**, Rathmell JR. The Essence of Analgesia and Analgesics. Book Review. Eds. Sinatra RS, Jahr JS, Watkins-Pitchford JM. Anesthesia and Analgesia. 2012.
9. **Carinci, AJ**, Pathak R, Young M, Christo PJ. Complementary and alternative treatments for chronic pelvic pain. Curr Pain Headache Rep. 2013 Feb;17(2):316.

10. Pritzlaff S, **Carinci AJ**, Christo PJ. Targeting systemic inflammation in patients with obesity-related pain: Neurogenic thoracic outlet syndrome: an often overlooked but treatable condition. *J Fam Pract.* 2013 Sep;62(9 Suppl CHPP):S16-21.
11. **Carinci AJ**, Abbatiello T. Perioperative Methadone in a Patient with Suspected Mu Opioid-Receptor Polymorphism; A Case Report and Literature Review. *Pain Medicine.* In press.
12. **Carinci AJ**, Kyung J. Complex Regional Pain Syndrome a Literature Review and Clinical Update. *Pain Medicine.* In process.
13. **Carinci AJ**, Abuse-deterrent opioid analgesics: a guide for clinicians. *Pain Manag.* 2020 Jan;10(1):55-62. doi: 10.2217/pmt-2019-0052. Epub 2020 Jan 9.
14. Uribe-Rivera A, Rasubala L, Machado-Perez AC, Ren YF, Malmström H, **Carinci A**. Preliminary study of the impact of elevated circulating plasma levels of catecholamines on opioid requirements for acute surgical pain. *J Clin Transl Sci.* 2021 Jan 5;5(1):e114. doi: 10.1017/cts.2020.573. PMID: 34221456; PMCID: PMC8223169.
15. Cohen SP, Kapural L, Kohan L, Li S, Hurley RW, Vallejo R, Eshraghi Y, Dinakar P, Durbhakula S, Beall DP, Desai MJ, Reece D, Christiansen S, Chang MH, **Carinci AJ**, DePalma M. Cooled radiofrequency ablation versus standard medical management for chronic sacroiliac joint pain: a multicenter, randomized comparative effectiveness study. *Reg Anesth Pain Med.* 2023 Jul 5:rapm-2023-104568. doi: 10.1136/rapm-2023-104568. Epub ahead of print. PMID: 37407279.

Book Chapters:

1. Raja SN, **Carinci A**, Baron R. Sympathetically Maintained Pain in CRPS II: Human Experimentation. In: Schmidt RF, Willis WD, editors. *Encyclopedic Reference of Pain*, Springer Verlag, Berlin, Heidelberg, New York 2007.
2. **Carinci AJ**, Christo PJ. Cancer Pain and Pharmacotherapies. In: Heitmiller G, eds. *The Johns Hopkins Handbook of Anesthesia*, Philadelphia: Elsevier, 2009.
3. **Carinci AJ**, Mazloomdoost D, Towsley D, Stonemetz J. Documentation, Economics and Legal Aspects of Anesthesiology. In: Heitmiller G, eds. *The Johns Hopkins Handbook of Anesthesia*, Philadelphia: Elsevier, 2009.
4. **Carinci AJ**, Christo PJ. All I Had Was a Knee Bursectomy, Do I Now Have RSD? In: Gallagher, Lewis, Schwengel eds. *Core Clinical Competencies in Anesthesiology: A Case-based Approach*. Cambridge University Press, 1 edition, April 30, 2010.
5. **Carinci AJ**, Kamdar M, Manion S, Mao J. Mechanisms of Spinal Analgesia. In: *The Neuroscientific Foundations of Anesthesiology*. Oxford University Press, USA, 2010.
6. **Carinci A**, Hanna G, Raja SN. Sympathetically Maintained Pain in CRPS II: Human Experimentation. In: Schmidt RF, Willis WD, editors. *Encyclopedic Reference of Pain*, Springer Verlag, 2nd Edition, Berlin, Heidelberg, New York 2012.

7. Rathmell JP and **Carinci AJ**. Complications Associated with Radiofrequency Treatment for Chronic Pain. In: Neal JM and Rathmell JP, editors. Complications in Regional Anesthesia and Pain Medicine, 2nd Edition, Saunders Elsevier, Philadelphia, PA 2011.
8. **Carinci AJ**, Sadik, A. Acupuncture and the Treatment of Chronic Pelvic Pain. In: Chen, L, Editor. Acupunture and Chronic Pain. In Press.
9. **Carinci AJ**, Pritzlaff S, Moore, A. Treatments for Pain in the Older Patient. Recommendations for Classes of Medications in Older Adults. In: Christo PJ and Cordts G, editors. Effective Treatments for Pain in the Older Adult. In Press.

Non-peer reviewed scientific or medical publications/materials in print or other media

Reviews, Chapters, Monographs and Editorials:

1. **Carinci AJ**. “Highlights from the American Academy of Pain Medicine’s 2009 Annual Meeting.” Emerging Solutions in Pain. The Beacon, Vol (3), Issue 4, 3/10/2009.
<http://www.emergingsolutionsinpain.com/index.php?option=com_content&task=view&id=428&Itemid=105>
2. **Carinci AJ**. “Pain Medicine in Paradise: A Review of the 25th Annual Meeting of the AAPM.” Pain.com. February 6, 2009.
<<http://www.pain.com/sections/professional/articles/article.cfm?id=98>>
3. **Carinci AJ**. “Pain and Aging: Challenges and Unique Needs.” Pain.com. March 3, 2009.
<<http://www.pain.com/sections/professional/articles/article.cfm?id=105>>
4. **Carinci AJ**. “Learning Disabilities and Early Exposure to Anesthesia.” Pain.com. April 7, 2009. <<http://www.pain.com/sections/professional/articles/article.cfm?id=111>>
5. **Carinci AJ**. “Pediatric Anesthesia Highlights.” Pain.com. April 17, 2009.
<<http://www.pain.com/sections/professional/articles/article.cfm?id=113>>
6. **Carinci AJ**. “Spinal Cord Stimulation: An Overview.” Pain.com. July 20, 2009.
<<http://www.pain.com/sections/professional/articles/article.cfm?id=127>>
7. **Carinci AJ**. “An Overview on Intraspinal Drug Delivery and Implantable Pain Pumps.” Pain.com. August 20, 2009. <<http://www.pain.com/sections/professional/articles/article.cfm?id=135>>

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

1. Synthesis and characterization of eight-membered organo-germanium compounds. **Carinci, A**; NabiRahni, D.M.A; Pastor, S.D; Huang, V. 35th American Chemical Society-New York Research Symposium, Wagner College, May 3, 1996.
2. Synthesis and characterization of eight-membered organo-germanium compounds. **Carinci, A**; NabiRahni, D.M.A; Pastor, S.D; Huang, V. 211th Annual Meeting of American Chemical Society, New Orleans, LA, April 1996.
3. Inorganic Chemistry and The Synthesis, Characterization, and Conformation of a Sterically Hindered 12H-Dibenzo[d,f][1,3,2]Dioxagermepin. **Carinci, A**; NabiRahni, D.M.A. Pace University Society of Fellows- Annual Undergraduate Research Symposium and Induction Ceremony. New York, NY, 1997.
4. First Synthesis of a new Class of Sterically Hindered Germanium Compounds. **Carinci, A**; Pastore, S.D; NabiRahni, D.M.A. 45th American Chemical Society, Students' Research Symposium, New York, NY, May 1997.
5. Synthesis, Characterization, and Conformation of a Sterically Hindered 12H-Dibenzo[d,f][1,3,2]Dioxagermepin. Pastore, S.D; **Carinci, A**; NabiRahni, D.M.A. Mid-Atlantic Regional Meeting of the American Chemical Society, Pleasantville, NY, 1997.
6. Synthesis, and Conformational Investigation of Spirocyclic Dioxagermepins and Dioxagermocins. **Carinci, A**; Pastor, S.D; Rahni, D.N. 46th American Chemical Society, Undergraduate Research Symposium, New York University, NY, May 2, 1998.
7. The Conformation of Medium-Sized Rings: Spirocyclic Dibenzo[D,F][1,3,2] Dioxagermepins. **Carinci, A**; Pastor, S.D; Rahni, D.N. 215th American Chemical Society, Annual National Meeting, Dallas, TX, March 29-April 2, 1998.
8. Synthesis and Conformational Analysis of Germanium seven and eight-membered congested Rings. Rahni, D.N; Carinci, A; Khoury, NS; Pastor, S.D. 216th American Chemical Society, Annual National Meeting, Dallas, TX, April 1999.
9. Synthesis and Structural Elucidation of Novel Germanium Heterocyclics. **Carinci, A**; Khoury, NS; Pastor, S.D; Rahni, D.N. 217th American Chemical Society, Annual National Meeting, Inorganic Division, San Francisco, CA April 2000.
10. Measuring the Kinetics of Controlled Release Polymers Within a Rabbit Subarachnoid Hemorrhage Model. Pradilla, G; Wang, P; Frazier, J; **Carinci, A**; Tamargo, RJ. 53rd Annual Meeting of the Congress of Neurological Surgeons, Denver, Colorado, October 18-23, 2003.
11. Treatment With an Anti-CD11/CD18 Monoclonal Antibody Prevents Post-Hemorrhagic Vasospasm in a Rabbit Model of Subarachnoid Hemorrhage. Pradilla, G; Kretzer, R; **Carinci, A**; Wang, P; Frazier, J; Ogata, L; Gebremariam, A; Dietsch, G; Tamargo, RJ. XII European Congress of Neurosurgery, Lisbon, Portugal, September 7-12, 2003.
12. Pharmacokinetics of Controlled Release Polymers in the Subarachnoid Space for the Treatment of Chronic Vasospasm after Subarachnoid Hemorrhage. Pradilla, G; Wang, P; Frazier, J;

- Carinci, A**; Legnani, F; Tamargo, RJ. 8th International Vasospasm Meeting, Chicago, Illinois, July 9-12, 2003.
13. Anti-CD11/CD18 Monoclonal Antibody Therapy Prevents Vasospasm After Subarachnoid Hemorrhage in Rabbits. Pradilla, G; Kretzer, R; **Carinci, A**; Wang, P; Frazier, J; Ogata, L; Gebremariam, A; Dietsch, G; Tamargo, RJ. 8th International Vasospasm Meeting , Chicago, Illinois, July 9-12, 2003.
 14. Pharmacokinetics of Controlled-Release Polymers in the Subarachnoid Space in the Treatment of Chronic Post-Hemorrhagic Vasospasm. Pradilla, G; Wang, P; Frazier, J; **Carinci, A**; Legnani, F; Tamargo, RJ. Proceedings of the 2003 CNS/AANS Joint Meeting of Neurovascular Surgery, Phoenix, Arizona, February 17, 2003.
 15. CT-Guided, Anterior Scalene Botox Injection for Thoracic Outlet Syndrome. Christo, PJ; **Carinci, AJ**; Christo, D; Freischlag, J. Resident Research Forum, 2008 Annual Meeting of the American Society of Anesthesiologists, Orlando, Florida, October 18-22, 2008.
 16. Intractable Deafferentation Pain of the Left Orbit: A Case for Mexiletine. **Carinci, AJ**; Raja, SN. Medically Challenging Cases, 2008 Annual Meeting of the American Society of Anesthesiologists, Orlando, Florida, October 18-22, 2008.
 17. CT-Guided, Anterior Scalene Botox Injection for Thoracic Outlet Syndrome. Christo, PJ; **Carinci, AJ**; Christo, D; Freischlag, J. Scientific Abstracts Poster Session, Chronic and Cancer Pain, 2008 Annual Meeting of the American Society of Anesthesiologists, Orlando, Florida, October 18-22, 2008.
 18. Botulinum Toxin Injection for the Relief of Thoracic Outlet Syndrome. Christo, PJ; **Carinci, AJ**; Christo, D; Freischlag, J. 10th Annual ACCM Research Day, Department of Anesthesiology and Critical Care Medicine, Johns Hopkins University, School of Medicine, Baltimore, MD, December 8, 2008.
 19. CT-Guided, Anterior Scalene Botulinum Toxin Injection for Thoracic Outlet Syndrome. Christo, PJ; **Carinci, AJ**; Christo, D; Freischlag, J. 2009, 25th Annual Meeting of the American Academy of Pain Medicine, Honolulu, Hawaii, January 27-31, 2009.
 20. Ultrasound-Guided, Lumbar Epidural Placement for Cesarean Delivery in an Obese, Scoliotic Parturient. **Carinci, AJ**; Wyman, C. Medically Challenging Cases, 2009 Annual Meeting of the American Society of Anesthesiologists, New Orleans, Louisiana, October 17-21, 2009.
 21. Medication Errors and “Look-Alike” Vials: Anesthesiologists Lead FDA Nationwide Vecuronium Recall. **Carinci, AJ**; Towsley, DL; Hurzer, KR; Cover, R; Mark, LJ. Medically Challenging Cases, 2009 Annual Meeting of the American Society of Anesthesiologists, New Orleans, Louisiana, October 17-21, 2009.
 22. Brand, E.; McCarty, K.; **Carinci, A.**; Ellbeg, M.; Rathmell, J. *Pre-Procedural Evaluation Redesign*. American Society of Anesthesiologists Annual Meeting. October 15, 2013. San Francisco, CA.

23. McCarty, K.; **Carinci, A.**; Brand, E.; Ellbeg, M.; Rathmell, J. *Improving Effectiveness of a Pre-Operative Assessment Phone Screening Program*. American Society of Anesthesiologists Annual Meeting. October 15, 2013. San Francisco, CA.
24. Wu, K.; Brand, E.; McCarty, K.; **Carinci, A.**; Rathmell, J. *A Comparison of Two Pre-Operative Evaluation Center Models: Patient Satisfaction Evaluation*. Post Graduate Assembly in Anesthesiology Annual Meeting. December 14, 2013. New York, NY.
25. Brand, E. McCarty K., Carinci, A., Wang, B. Wu, K., Rathmell, J. *Redesigning Pre-Procedural Evaluation Testing: Utilizing a Grid to Triage Low-Acuity Patients to a Phone Appointment*. American Society of Anesthesiologists Annual Meeting. October 13, 2014. New Orleans, LA.
26. Manji F., McCarty, K., Brand, E., Rathmell, JR., Carinci A., Agarwala, A. *Measuring and Improving the Quality of Pre-Procedural Assessments*. American Society of Anesthesiologists Annual Meeting. October, 11, 2014. New Orleans, LA.
27. Chaichana KK, Watt L, **Carinci A**, Anderson TA, Scemama De Gialluly P, Gulur P, Leeman MR, Shank E, Wang JP, Edwards DA. “Fentanyl at 750 mcg/hr: pain management of a pediatric patient with Castleman’s disease and paraneoplastic pemphigus.” American Society of Anesthesiologists Annual Meeting, October, 12, 2014. New Orleans, LA.
28. **Carinci A**, Hanna G, Rao V, McCarty K, Gilligan G, Schwab J, Rathmell, J. *Back Pain care redesign: The Massachusetts General Hospital Spine Line*. American Society of Regional Anesthesia and Pain Medicine Annual Meeting, November, 13-16, 2014., San Francisco, CA.
29. Hanna G, **Carinci A**, Gilligan G, Rathmell J. *Telemedicine in Pain Management: A Current Model at Massachusetts General Hospital*. American Society of Regional Anesthesia and Pain Medicine Annual Meeting, November, 13-16, 2014., San Francisco, CA.
30. Carinci A. *The Preoperative Opioid Consultation Program: Stemming the Tide. A Novel Care Model at Massachusetts General Hospital*. American Society of Regional Anesthesia and Pain Medicine Annual Meeting, November, 13-16, 2014., San Francisco, CA.
31. Madden M, Smith J, Arnstein P, **Carinci A**. *Improving Nursing Knowledge and Confidence with Intravenous Ketamine Hydrochloride Administration on General Care Units*. National Nurses’s Week. American Nurses Association.
32. Carinci AJ. Kyphoplasty for Traumatic Nonosteoporotic Compression Fracture. 2018 Annual Meeting of the American Society of Anesthesiologists, San Francisco, California, October 13 – 17, 2018.
33. Carinci AJ, Abbatiello T. Perioperative Methadone in a Patient with Suspected Mu Opioid-Receptor Polymorphism; A Case Report and Literature Review. 2018 Annual Meeting of the American Society of Anesthesiologists, San Francisco, California, October 13 – 17, 2018.
34. Carinci AJ, Rivera A. Catecholamines and Opioid Therapy Requirements for the Management of Acute Post-Procedural Pain: The clinical Trend to Identify Remarkable Elements in Opioid Drug Dependency. Translational Science 2020. Washington, DC. April 14 – 17, 2020.

35. Carinci, AJ. Minimally Invasive Lumbar Decompression for Acute Lumbar Radiculopathy – A Novel Application. 2021 PAINWeek National Conference, September 7-11, 2021 Las Vegas, NV
36. Carinci AJ, Rivera A. Catecholamines and Opioid Therapy Requirements for the Management of Acute Post-Procedural Pain: The clinical Trend to Identify Remarkable Elements in Opioid Drug Dependency. Translational Science 2020. Washington, DC. April 14 – 17, 2022.
37. Carinci, AJ. Wright, J. Percutaneous SI Joint Fusion - A Novel Approach to and Old Problem. 4th World Institute of Pain Annual Meeting, October 21-24, 2022. Virtual Event.
38. Carinci AJ. Sacroiliac Joint Percutaneous Fusion: A Review of 12 Cases. International Conference on Pain Medicine and Management, December 2-3, 2022. Virtual Event.