

## **Naum Shaparin, M.D., M.B.A.**

Montefiore Multidisciplinary Pain Program  
1250 Waters Place, Tower 2, 8<sup>th</sup> Floor, Bronx, NY 10461  
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### **EDUCATION:**

#### **Graduate:**

New York University, Stern School of Business, New York, New York  
Master of Business Administration, September 2010 to May 18, 2016

#### **Graduate:**

Rutgers - New Jersey Medical School, Newark, New Jersey  
(Formerly University of Medicine and Dentistry of New Jersey – New Jersey Medical School)  
Doctor of Medicine, August 1999 to May 21, 2003

#### **Undergraduate:**

Boston University, College of Arts and Sciences, Boston, Massachusetts  
Bachelor of Arts *magna cum laude* in Biology, September 1995 to May 23, 1999

### **POST-GRADUATE TRAINING:**

#### **Fellowship:**

Cleveland Clinic  
Pain Management Department, Anesthesiology Institute, Cleveland, Ohio  
Pain Medicine Program, Fellow, July 1, 2007 to June 30, 2008

#### **Residency:**

New York-Presbyterian Hospital/Columbia University Medical Center  
Department of Anesthesiology, College of Physicians & Surgeons  
Columbia University, New York, New York  
Anesthesiology Program, Resident, July 1, 2004 to June 30, 2007

#### **Internship:**

Atlantic Health System  
Morristown Memorial Hospital, Morristown, New Jersey  
and Overlook Hospital, Summit, New Jersey  
Transitional Year Program, Resident, July 1, 2003 to June 30, 2004

### **PROFESSIONAL EMPLOYMENT AND HOSPITAL APPOINTMENTS:**

#### **University Appointments:**

Associate Professor, Department of Physical Medicine & Rehabilitation	2016-present
Associate Professor, Department of Anesthesiology	2015-present
Associate Professor, Department of Family & Social Medicine	2015-present
Albert Einstein College of Medicine, Bronx, New York	
Assistant Professor, Department of Physical Medicine & Rehabilitation	2010-2016
Assistant Professor, Department of Anesthesiology	2010-2015
Assistant Professor, Department of Family & Social Medicine	2010-2015
Albert Einstein College of Medicine, Bronx, New York	
Assistant Professor, Department of Anesthesiology	2008-2010
Rutgers - New Jersey Medical School, Newark, New Jersey (Formerly University of Medicine and Dentistry of New Jersey – New Jersey Medical School)	

**Hospital Appointments:**

Director, Multidisciplinary Pain Program	2014-present
Director, Pain Service	2010-present
Attending Anesthesiologist	2010-present
Department of Anesthesiology, Albert Einstein College of Medicine Montefiore Medical Center, Bronx, New York	
Attending Anesthesiologist	2008-2010
Department of Anesthesiology, Rutgers - New Jersey Medical School, Newark, New Jersey (Formerly University of Medicine and Dentistry of New Jersey – New Jersey Medical School)	

**Academic/Administrative Appointments****Medical School Elective:**

<i>Albert Einstein College of Medicine of Yeshiva University</i>	
Outpatient Chronic Pain Medicine, Elective Director/Co-Director	2012-present
Regional Anesthesia and Inpatient Pain Medicine, Elective Director/Co-Director	2011-present
Research in Regional Anesthesia and Pain Medicine, Elective Director/Co-Director	2011-present
<i>University of Medicine and Dentistry of New Jersey - New Jersey Medical School</i>	
Research in Pain Medicine, Elective Director	2009-2010

**Residency Rotation:**

<i>Department of Anesthesiology, Albert Einstein College of Medicine</i>	
Outpatient Chronic Pain Medicine, Rotation Director/Co-Director	2012-present
Regional Anesthesia, Rotation Director/Co-Director	2011-2017
Acute/Inpatient Pain Medicine, Rotation Director/Co-Director	2011-2017

**Fellowship:**

<i>Department of Anesthesiology, Albert Einstein College of Medicine</i>	
Regional Anesthesia and Acute Pain Medicine, Fellowship Director/Co-Director	2012-2017

**BOARD CERTIFICATION:**

Specialty Board:	Anesthesiology - 43490	Expiration Date:	12/31/2018
Subspecialty Board:	Pain Medicine - 43490	Expiration Date:	12/31/2018
Subspecialty Board:	Hospice & Palliative Medicine	Expiration Date:	12/31/2020

**Licensure:**

New York State Medical License: 233475	Expiration Date:	11/30/2018
N.J. Medical License: 25MA08353200	Expiration Date:	06/30/2019
Ohio State Training Certificate: 57.012868	Expiration Date:	06/30/2008

**Narcotics Certification:**

N.J. CDS: D09252000	Expiration Date:	10/31/2018
DEA: BS9587366	Expiration Date:	02/28/2019

**Other Certification :**

BLS for Healthcare Providers	Expiration Date:	07/01/2019
Advanced Cardiac Life Support	Expiration Date:	07/01/2019

**PROFESSIONAL SOCIETY MEMBERSHIP:**

Eastern Pain Association, Member  
 New York Society of Interventional Pain Physicians, Member  
 American Society of Interventional Pain Physicians, Member  
 American Society of Anesthesiologists, Member  
 New York State Society of Anesthesiologists, Member

## AWARDS AND HONORS:

### Medical School:

*Rutgers - New Jersey Medical School*

*(Formerly University of Medicine and Dentistry of New Jersey – New Jersey Medical School)*

Viette Student Activities and Leadership Scholarship 2001  
Healthcare Foundation of New Jersey Full-Tuition Scholarship 2000-2003  
Full-Tuition Medical Ethics Summer Fellowship 2000

### Residency:

*Department of Anesthesiology, College of Physicians & Surgeons, Columbia University*

Certificate of Merit at the 9th Annual Academic Evening 2006

### Department:

*Department of Anesthesiology, Albert Einstein College of Medicine of Yeshiva University*

Resident Research Mentor of the Year 2015

Advisor for *Second Place Poster* at the 2<sup>nd</sup> Annual Senior Research Day 2012

### Conference:

*Eastern Pain Association 2015 Annual Scientific Meeting*

3rd Place Poster 2015

*Eastern Pain Association 2014 Annual Scientific Meeting*

2nd Place Poster 2014

*International Anesthesia Research Society 2013 Annual Meeting*

Best of Category “Pain Medicine” 2013

Best of Conference “Finalist” 2013

*The New York and New Jersey Societies of Interventional Pain Physicians*

Pain Medicine Symposium 2012: *Evolving Advanced Pain Therapies, Best Poster* 2012

## OTHER PROFESSIONAL ACTIVITIES:

### Committee Assignments:

#### National:

*Conjoint Committee on Continuing Education (CCCE) for Risk Evaluation and Management Strategies*

(for Extended Release and Long-Acting Opioid Analgesics) 2014-2015

CCCE Work Group #2, Member

“CE Assessment Evidence of Impact and Alignment of Quality Outcomes” 2014-2015

*American Society of Interventional Pain Physicians*

Department Chairs and Program Directors Committee 2014-2017

### Editorial Board/Reviewer:

*Pain Physician*, Editorial Board 2014-present

*Pain Medicine*, Reviewer 2014-present

### Regional:

*Eastern Pain Association*

President 2016-present

President-Elect 2014-2016

Treasurer 2013-2014

Executive Committee 2013-present

Education Committee 2013-present

*New York Society of Interventional Pain Physicians*

Director-at-Large 2014-present

Program Committee 2012-2014

Scientific Committee 2011-2014

*New York State Society of Anesthesiology*  
Pain Management Committee 2013-present

**Medical School:**

*Rutgers - New Jersey Medical School*  
*(Formerly University of Medicine and Dentistry of New Jersey – New Jersey Medical School)*  
Alumni Association Board of Trustees, Board Member 2014-2016  
Medical Student Professionalism Policy Sub-Committee 2010  
Admission Committee, Interviewer 2008-2010

**Hospital:**

*Montefiore Medical Center*  
Sickle Cell/Pain Management Committee 2015-present  
Hutch Pain Practice Committee 2014-present  
Hutch Directors Operational Committee 2013-2015  
Hutch OR Planning Committee 2013-2015  
PCA Pump Committee 2013-2015  
Controlled Substance Agreement Committee 2013-present  
Co-Pilots: Collaborative Pain Intervention for Long-term Opioid Treatment Safety 2013-2015  
System-wide Pain Program Planning Committee 2012-present  
Hospice and Palliative Care Task Force/Strategic Planning Committee 2012-2015  
(Multidisciplinary) Pain Center Management/Operational Planning Committee 2011-2015  
Pharmacy and Therapeutics, Pain Subcommittee 2011-present  
Psychosocial Oncology/Palliative Care Working Group 2011-2016  
Weiler Campus PACU Quality Improvement Committee 2011-2013  
Complex Case Advisory Team 2011-present  
(Nursing) Pain Management/Pain Collaborative Committee, Advisor 2010-present

**Department:**

*Rutgers - New Jersey Medical School*  
*(Formerly known as University of Medicine and Dentistry of New Jersey – New Jersey Medical School)*  
*Department of Anesthesiology*  
Education Committee 2010  
Finance Sub-Committee 2009  
Clinical Competency Committee 2009-2010  
Resident Selection Committee, Interviewer 2008-2010

*Montefiore Medical Center/Albert Einstein College of Medicine*  
*Department of Anesthesiology*  
Compensation Committee 2012-2015  
PICIS Anesthesia Enhancement Committee 2012-2015  
Finance Committee 2012-2017  
Quality Improvement Patient Safety, Pain Service Subcommittee 2011-present  
CME Planning Committee 2011-2015  
Leadership Committee 2010-present  
Education Committee 2010-present  
Clinical Competence Committee 2010-present  
Resident Selection Committee 2010-2016

*Department of Physical Medicine and Rehabilitation*  
Multidisciplinary Pain Medicine Fellowship Committee 2010-present

### **Educational/CME Activities:**

- **Shaparin N** - Course Director. *Pain EDU Risk Evaluation and Mitigation Strategies (REMS) Education Program*. Funded by a grant from the REMS Program Companies. Eleven 3- Lesson Continuing Medical Education Live activities presentations. Lesson #1-Fundamentals of Safe and Effective Use of Extended Release/Long-Acting (ER/LA) Opioid Analgesics in the Management of Chronic Pain; Lesson #2- Safe and Effective Management of ER/LA Opioid Analgesic Therapy; Lesson # 3- General Concepts and Information about Extended-Release/Long-Acting Opioid Analgesics. Lectures presented at Montefiore Medical Center/Albert Einstein College of Medicine. Bronx, NY. April 2014 to August 2014.
- **Shaparin N** and Zacharoff K – Co-Course Directors. *PainEDU Risk Evaluation and Mitigation Strategies (REMS) Education Program: RE-ENVISION THE FUTURE OF ER/LA OPIOIDS - Making a difference in opioid treatment; 3 Modules online*. www.PainEDU.com. May 2014 to September 2015.
- **Shaparin N** – CME Reviewer. *Improving the Recognition and Management of Breakthrough Cancer Pain*. [http://www.omedlive.com/en\\_CA/guest/cme](http://www.omedlive.com/en_CA/guest/cme). December 2014 to June 2014.
- **Shaparin N** – CME Reviewer. *Expert Panel on Patient-Controlled Analgesia for Acute Postoperative Pain: Evolving Therapies*. <http://www.mycme.com/expert-panel-on-patient-controlled-analgesia-for-acute-postoperative-pain-evolving-therapies/activity/1352/>. April 2013 to October 2014.

### **RESEARCH:**

#### **Grant History:**

- PI: **Shaparin N**. “A Phase 3b, Randomized, Double-Blind, Placebo-Control, Multicenter, Evaluation of the Safety and Efficacy of N1539 Administered Preoperatively in Open Unilateral Total Knee Arthroplasty”. Approved Clinical Protocol by Recro Pharma. 2018-present.
- PI: **Shaparin N**. “Corticosteroid Lumbar Epidural Analgesia for Radiculopathy (C.L.E.A.R.)”. Approved Clinical Protocol by Semnur Pharmaceuticals. 2017-2018.
- PI: **Shaparin N**. “Open-Label Safety Trial of Intravenous Neridronic Acid in Subjects with Complex Regional Pain Syndrome (CRPS) Protocol KF7013-03”. Approved Clinical Protocol by Grünenthal GmbH. 2017-2018.
- Lead Investigator and PI: **Shaparin N**. “A Phase 2a, Multicenter, Randomized, Double-blind, Placebo-controlled and Active-controlled, Parallel-group Study Evaluating the Analgesic Efficacy and Safety of V120083 in Subjects with Moderate to Severe Chronic Pain Due to Osteoarthritis of the Knee.” Approved Clinical Protocol by Purdue Pharma. 2017-2018.
- Lead Investigator and PI: **Shaparin N**. “TKA2001, A Phase 2a, Multicenter, Randomized, Double-blind, Placebo-controlled and Active controlled, Parallel-group Study Evaluating the Analgesic Efficacy and Safety of VM902A in Subjects with Moderate to Severe Chronic Pain Due to Osteoarthritis of the Knee.” Approved Clinical Protocol by Purdue Pharma. 2016-2018.
- PI: **Shaparin N**. “Cognitive Debriefing Interviews to Assess Validity of Opioid Abuse Potential Questions in Chronic Pain Patients without a History of Abuse or Non-medical Use.” Approved Clinical Protocol by Purdue Pharma. 2016-2017.
- PI: Boleslav Kosharsky, CoI : **Shaparin N**, et al. “ A Multicenter, Double-Blind, Randomized, Placebo-Controlled Study Evaluating the Efficacy, Safety, and Pharmacokinetics of Femoral Nerve Block with EXPAREL for Postsurgical Analgesia in Subjects Undergoing Total Knee Arthroplasty.” Approved Clinical Protocol by Pacira Pharmaceuticals. 2016-2017.

- PI: Boleslav Kosharsky, CoI: **Shaparin N**, et al. “A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy, Safety, and Pharmacokinetics of Brachial Plexus Block with EXPAREL for Postsurgical Analgesia in Subjects Undergoing Total Shoulder Arthroplasty or Rotator Cuff Repair.” Approved Clinical Protocol by Pacira Pharmaceuticals. 2016-2017.
- PI: **Shaparin N**. “A Randomized, Double-Blind Trial Investigating The Efficacy and Safety of Intravenous Neridronic Acid in Subjects with Complex Regional Pain Syndrome Type I (CRPS-I): Protocol KF7013-01”. Approved Clinical Protocol Phase II/III Site by Grünenthal GmbH. 2015-2017.
- PI: **Shaparin N**. “Assessment of the Potential to Utilize Oral Fluids and Blood Drug Testing as a Means to Determine Therapeutic Dosing of Drugs.” Awarded research grant from AFTS Labs. 2014-2015.
- PI: Kosharsky B, CoI: **Shaparin N**, et al. “Assessing the Impact of EXPAREL® On Opioid Use and Patient Reported Outcomes When Administered by Infiltration into the Transversus Abdominis Plane (TAP) Under Ultrasound Guidance for Prolonged Postsurgical Analgesia in Lower Abdominal Surgery: Protocol MSE402”. Approved Clinical Protocol Phase 4 Site by Pacira Pharmaceuticals, LLC. 2013.
- PI: Carullo V, Co-I: **Shaparin N**, et al. “Open-Label Evaluation of the Pharmacokinetic Profile and Safety of Tapentadol Oral Solution for the Treatment of Postsurgical Pain in Children and Adolescents Aged From 6 to Less Than 18 Years: Protocol R331333PAI2005/KF5503/59; Phase 2, Amendment INT-4” Approved Clinical Protocol Phase 2 Site by Janssen Research & Development, LLC. 2012-2013.
- PI: Schultz T, Co-I: **Shaparin, N**. “IV-Ibuprofen Following Electroconvulsive Therapy.” Awarded partial research grant from Cumberland Pharmaceuticals, Inc. 2010-2013.
- PI: Berger, J, Co-I: **Shaparin, N**. “The Effects of Dexmedetomidine On Tourniquet Pain Associated With Lower Extremity Surgeries Under General Anesthesia In Same Day Elective Patients.” Awarded partial research grant from Hospira, Inc. 2009-2010.

**Other:**

- Foundation for Anesthesia Education and Research Grant. Awarded one Medical Student Anesthesia Research Fellowship. **Shaparin N**. 06/01/2012-08/15/2012.

**INVITED PRESENTATIONS:**

**External Presentations/Lectures:**

- **Shaparin, N** (2018, October). Hands-on Workshop entitled "Thoracic Anesthesia Workshop." Presented at the American Society of Anesthesiologist 2018 Annual Meeting. San Francisco, California.
- **Shaparin, N** (2018, October). Opioid Reduction and the State/Federal Initiatives. Presented at the Eastern Pain Association 2018 Annual Meeting. New York, New York.
- **Shaparin, N** (2018, March). Transition to a Consultative Interventional Academic Practice. Visiting Professor Resident Lecture & Grand Rounds. Present at Dartmouth-Hitchcock Medical Center, Department of Anesthesiology, Pain Management Center. Lebanon, New Hampshire.
- **Shaparin, N** (2018, February). The Changing Landscape of Pain Medicine. Presented at Medical Grand Rounds, White Plains Hospital. White Plains, New York.
- **Shaparin, N** (2017, November). A Non-Opioid Foundation for Multimodal Analgesia in the Perioperative Period. Presented at the Enhanced Recovery After Surgery Week, White Plains Hospital White Plains, New York.
- **Shaparin, N** (2017, November). Changes in Regulations Including PDMP Mandates in NY and NJ for Opioid Prescribing. Safe Opiate Prescribing Program - Controlled Substance Management: A Balanced Approach. Presented at the New York/New Jersey Society of Interventional Pain Physicians - Pain Medicine Symposium November 2017. Jersey City, New Jersey.

- **Shaparin, N** (2017, April). Pain Medicine: “Thoughts”. Presented at the Weill Cornell Medical College, Department of Anesthesiology, Tri-Institute Pain Medicine Grand Rounds. New York, New York.
- **Shaparin, N** (2016, November). Monitoring and Documentation for Prescription Practice. Opioids Course: The Good, Bad and Ugly Sides of Opiate Utilization. Presented at the New York/New Jersey Society of Interventional Pain Physicians - Pain Medicine Symposium November 2016. Jersey City, New Jersey.
- **Shaparin, N** (2016, June). Moderator -Pharmacotherapy for 2016 and Beyond. Presented at the New York Society of Interventional Pain Physicians First Annual Midyear Pain Medicine Meeting. New York, New York.
- **Shaparin, N** (2016, March). A Non-Opioid Foundation for Multimodal Analgesia in the Perioperative Period. Presented at the Westchester Medical Center, Department of Anesthesiology, Grand Rounds. Valhalla, New York.
- **Shaparin, N** (2015, October). Innovations in Research: Lesinurad a Novel Selective Uric Acid Reabsorption Inhibitor. Presented at the Eastern Pain Association 2015 Annual Meeting. New York, New York.
- **Shaparin, N** (2015, June). Roundtable Discussion Participant: Physicians & PDMPs: Improving Use of Prescription Drug Monitoring Programs. The Network of Excellence in Health Innovation. Boston, Massachusetts.
- **Shaparin, N** (2015, May). The Status of Pain Medicine. Presented at the Department of Pain Medicine and Palliative Care, Mount Sinai Beth Israel Medical Center, Grand Rounds. New York, New York.
- **Shaparin, N** (2015, April). Affordable Care Act Impact on Interventional Pain Medicine. Presented at the Weill Cornell Medical College, Department of Anesthesiology, Tri-Institute Pain Medicine Grand Rounds. New York, New York.
- **Shaparin, N** (2015, March). Keynote Speaker: Safe Opioid Prescribing and REMS. Presented at the Bronx Medical Society, 12th Annual Doctors’ Recognition Day Symposium, Poster Presentations & Physicians’ Exposition. Bronx, New York.
- **Shaparin, N** (2015, January). Affordable Care Act Impact on Interventional Pain Medicine. Presented at the Northside Anesthesiology Consultants, Monthly In-Service. Atlanta, Georgia.
- **Shaparin, N** (2014, November). Pharmacology of Opioids, Side Effects and Overdose. Presented at the New York and New Jersey Symposium on Opioids. Jersey City, New Jersey.
- **Shaparin, N** (2014, October). Affordable Care Act Impact on Interventional Pain Medicine. Presented at the Eastern Pain Association 2014 Annual Meeting. New York, New York.
- **Shaparin, N** (2014, August). Non-Opioid Analgesics in Perioperative Pain Management. Presented at the New York Methodist Hospital, Department of Anesthesiology, Grand Rounds. Brooklyn, New York.
- **Shaparin, N** (2014, August). Non-Opioid Analgesics in Perioperative Pain Management. Presented at the Rutgers-New Jersey Medical School, Department of Anesthesiology, Grand Rounds. Newark, New Jersey.
- **Shaparin, N** (2014, May). Non-Opioid Analgesics in Perioperative and Acute Pain Management. Presented at the Department of Pain Medicine and Palliative Care, Mount Sinai Beth Israel Medical Center, Grand Rounds. New York, New York.
- **Shaparin, N** (2014, April). Opioid Induced Constipation in Advanced Disease. Present at the Norwalk Hospital, Division of Gastroenterology, Department of Internal Medicine, Grand Rounds. Norwalk, Connecticut.
- **Shaparin, N** (2014, March). Non-Opioid Analgesics in Perioperative Pain Management. Presented at the University of Pittsburgh, Department of Anesthesiology, Grand Rounds. Pittsburgh, Pennsylvania.
- **Shaparin, N** (2014, March). A Non-Opioid Foundation for Multimodal Analgesia in the Perioperative Period. Presented at the First Quarter Meeting of District 3 of the New York State Society of Anesthesiologists. White Plains, New York.
- Vydyanathan A, Tu, M, Maret R, Kosharskyy B, Gritsenko K, and **Shaparin N** (May, 2013) *Use of Adductor Canal Compartment Blockade for Total Knee Arthroplasty: Results of our institutional observational study.* Invited oral presentation at the American Society Regional Anesthesia and Pain Medicine’s 2013 Annual Regional Anesthesia Meeting and Workshops. Boston, Massachusetts.

- Kosharskyy B, Vydyanathan A, **Shaparin N**, Zhang L, Geohagen B, LoPachin R. (May, 2013) *2-acetylcyclopentanone (2-acp), a 1,3-dicarbonyl enol, provides hepatoprotection in a mouse model of acetaminophen toxicity*. Invited oral presentation at the International Anesthesia Research Societies' 2013 Annual Meeting and Workshops. San Diego, California.
- **Shaparin, N** (2013, June). Principle of Acute Pain Management. Presented at the Jersey City Medical Center, Department of Internal Medicine, Grand Rounds, Jersey City, New Jersey.
- **Shaparin, N** (2013, August). Adjuncts in the Perioperative Period. Presented at the Jersey City Medical Center, Department of Internal Medicine, Grand Rounds, Jersey City, New Jersey.
- **Shaparin, N** (2013, July). Principle of Chronic Pain Management. Presented at the Jersey City Medical Center, Department of Internal Medicine, Grand Rounds, Jersey City, New Jersey.
- **Shaparin, N** (2012, August). Evidence-Based Review of Disc Techniques. Presented at the Weill Cornell Medical College Department of Neurological Surgery, Multi-Disciplinary Spine Case Conference. New York, New York.
- **Shaparin, N** (2012, June). Principles of Pain Management. Presented at the New Jersey State Society of Physician Assistant's Spring, 2012 CME Conference. Princeton, New Jersey.
- Rana P, **Shaparin N**, and Kaufman A (2009, November). *Successful Lumbar Median Branch Radiofrequency Ablation Following Single Diagnostic Lumbar Median Branch Block (Retrospective Chart Review from 2004-2009)*. Invited oral presentation at the American Society Regional Anesthesia and Pain Medicine's 2009 Annual Pain Medicine Meeting and Workshops. San Antonio, Texas.
- Rana P, **Shaparin N**, and Kaufman A (2009, November). *Successful Cervical Median Branch Radiofrequency Ablation Following Single Diagnostic Cervical Median Branch Block (Retrospective Chart Review from 2004-2009)*. Invited oral presentation at the American Society Regional Anesthesia and Pain Medicine's 2009 Annual Pain Medicine Meeting and Workshops. San Antonio, Texas.
- **Shaparin, N** (2009, April). Acute Pain Management: Non-Opioid Analgesics in Post-Operative Pain Control. Presented at the New Jersey Medical School, Department of Anesthesiology, Grand Rounds, Newark, New Jersey.
- **Shaparin, N** (1999, August). Medical School Application Process. Presented as part of the Medical Issues of the 21st Century Seminars at National Youth Leadership Forum on Medicine in Philadelphia. Philadelphia, Pennsylvania.

#### **Internal Invited Presentations/Lectures:**

- **Shaparin, N** (2018, July). Introduction to Pain Service & Multidisciplinary Pain Program. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2018, April). Cervical Spine Disease: Review of Conservative Treatment Options. Presented at the 1st Annual Montefiore Spine Center Symposium, Bronx, New York.
- **Shaparin, N** (2017, July). Introduction to Pain Service & Multidisciplinary Pain Program. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2016, July). Introduction to Pain Service & Multidisciplinary Pain Program. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2014, July). Essentials of Pain Management Surgeons. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine, Department of Surgery, Grand Rounds. Bronx, New York.
- **Shaparin N** (2014, June-August). PainEDU REMS Education Program – Lesson # 3- General Concepts and Information about Extended-Release/Long-Acting Opioid Analgesics. Funded by an educational grant from the REMS Program Companies. 11 one-hour long CME credit granting lectures presented at multiple locations of the Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, New York.
- **Shaparin N** (2014, May-July). PainEDU REMS Education Program – Lesson #2 Safe and Effective Management of ER/LA Opioid Analgesic Therapy. Funded by an educational grant from the REMS



Program Companies. 11 one-hour long CME credit granting lectures presented at multiple locations of the Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, New York.

- **Shaparin, N** (2014, April). Non-Opioid Analgesics in Perioperative Pain Management. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine, Department of Anesthesiology, Grand Rounds. Bronx, New York.
- **Shaparin N** (2014, April-July). PainEDU REMS Education Program – Lesson #1 Fundamentals of Safe and Effective Use of Extended Release Long Acting Opioid Analgesics in the Management of Chronic Pain. Funded by an educational grant from the REMS Program Companies. 11 one-hour long CME credit granting lectures presented at multiple locations of the Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, New York.
- **Shaparin, N** (2013, November). Pain Management in Hospitalized Patients. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Internal Medicine, Hospital Medicine Grand Rounds. Bronx, New York.
- **Shaparin, N** (2013, November). Chronic Pain 101 of Nurses. Presented at the Montefiore Medical Center 3rd Annual Pain Management Symposium. Bronx, New York.
- **Shaparin, N** (2013, November). Neuropathic Pain & Adjuvant Therapies. Presented at the Montefiore Medical Center 3rd Annual Pain Management Symposium. Bronx, New York.
- **Shaparin, N** (2013, August). Chronic Pain Medicine for Palliative Care Providers. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Family & Social Medicine, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2013, August). Pain Medicine for the Otorhinolaryngologist. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Otorhinolaryngology-Head and Neck Surgery, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2013, January). Departmental Scheduling. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2012, August). Post-Operative Pain in the PACU. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Perioperative Services, PACU Nursing Lectures, Bronx, New York.
- **Shaparin, N** (2012, January). Updates in Regional Anesthesia and Pain Service. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2013, November). Introduction to Pain Management. Presented at the Montefiore Medical Center Pain Management Symposium. Bronx, New York.
- **Shaparin, N** (2011, September). Introduction to Pain Medicine for Physician Assistants (Lecture 2). Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Internal Medicine, Physician Assistant Noon Lectures, Bronx, New York.
- **Shaparin, N** (2011, September). Introduction to Pain Medicine for Physician Assistants (Lecture 1). Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Internal Medicine, Physician Assistant Noon Lectures, Bronx, New York.
- **Shaparin, N** (2011, September). Introduction to the Pain Service for the Intensive Care Unit. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Critical Care Medicine. Morning Rounds, Bronx, New York.
- **Shaparin, N** and Leonardo, L (2011, August). Evolving Clinical Issues: Should We Be Using Ultrasound for Neuraxial Blockade? Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Resident Morning Lectures, Bronx, New York.
- **Shaparin, N** and Babu, V (2011, August). Perioperative Pain Management of Patients on Suboxone. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2011, April). Pain Management in Hospitalized Patients. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Internal Medicine, Hospital Medicine Conference, Bronx, New York.

- **Shaparin, N** and Rosenbaum, E (2011, February). Adjuvant Medications. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Division of Hospice and Palliative Care, Department of Family and Social Medicine, Grand Rounds, Bronx, New York.
- **Shaparin, N** (2011, January). Introduction to the Pain Service. Presented at the Montefiore Medical Center/Albert Einstein College of Medicine of Yeshiva University, Department of Anesthesiology, Grand Rounds, Bronx, New York.

## **BIBLIOGRAPHY:**

### **Original Communications in Reviewed Journals:**

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