Eugene Lipov, MD

Board-Certified Anesthesiology and Pain Medicine Physician
1 E Oak Hill Dr, Suite 100, Westmont, IL 60559 | 7739056927 | eugene@dreugenelipov.com
dreugenelipov.com | linkedin.com/in/eugenelipov

MEDICOLEGAL PROFILE

Board-certified in interventional pain medicine and anesthesiology, with more than 35 years of experience in pain medicine and 15 years in anesthesiology. Currently maintains a part-time interventional pain medicine practice. Extensive clinical, academic, research, medical-device, and expert witness experience. Founder and first president of ASIPP Illinois; former Chief of Chronic Pain at Alexian Brothers Hospital and Assistant Professor of Anesthesiology at Rush University. Currently Assistant Professor of Surgery at the University of Illinois College of Medicine and Adjunct Professor of Psychiatry at Loyola University Chicago. Author of more than 65 peer-reviewed publications and book chapters.

EXPERT TESTIMONY AND MEDICOLEGAL CASE EXPERIENCE

• Participated in more than 500 depositions as a treating physician in personal injury (PI) and workers' compensation (WC) matters, with substantial experience addressing injury assessment, causation, clinical findings, and medical testimony.
• Experienced in medical-legal case evaluation, including 2026 reviews involving complex regional pain syndrome (CRPS), spinal implants, and complications of ketamine infusions.
• Analyzes extensive medical records, reconstructs clinical timelines, identifies inconsistencies and overlooked medical facts, and evaluates their relevance to liability, causation, standards of care, treatment, and outcomes.
• Communicates complex scientific and clinical evidence clearly to attorneys and juries; provides independent, evidence-based opinions concerning chronic pain, spinal injuries, interventional procedures, device complications, CRPS, and ketamine infusions.
- Provided expert testimony and medicolegal consultation in multiple matters involving stellate ganglion block (SGB), including indications, anatomy, technique, therapeutic rationale, expected outcomes, and potential complications.
- Provided expert testimony in multiple matters involving complex regional pain syndrome (CRPS), formerly reflex sympathetic dystrophy (RSD), including diagnostic criteria, differential diagnosis, causation, symptom progression, treatment, functional impairment, and prognosis.
- Evaluated multiple matters involving motor vehicle accident/collision-related pain, including cervical and lumbar injury, radiculopathy, chronic post-traumatic pain, the relationship between trauma and pre-existing degenerative findings, treatment appropriateness, and prognosis.
- Provided expert opinions concerning dorsal column stimulators and spinal cord stimulation, including patient selection, trialing, implantation, device performance, lead migration, revision, explantation, and treatment failure.
- Evaluated neurologic complications following interventional pain and neuromodulation procedures, including post-procedural weakness, sensory change, nerve injury, spinal cord injury, infection, hematoma, and questions of medical causation and standard of care.
- Retained as an expert witness regarding the effect of post-traumatic stress disorder (PTSD) on the severity of sepsis.

Representative matter list and professional references are available upon request, subject to confidentiality obligations.

CORE AREAS OF EXPERTISE

Anesthesiology and interventional pain medicine	Stellate ganglion block / cervical sympathetic blockade
Complex regional pain syndrome (CRPS/RSD)	Motor-vehicle-related cervical and lumbar pain
Spinal cord stimulation / dorsal column stimulation	Neuromodulation device complications and revisions
Post-laminectomy syndrome and chronic low-back pain	Neurologic complications after pain procedures
Radiofrequency ablation and pulsed radiofrequency	Causation, prognosis, treatment necessity, and standard of care
PTSD, autonomic dysfunction, and sympathetic modulation	Medical-device design and clinical implementation

• Currently maintains a part-time interventional pain medicine practice. Clinical expertise includes spinal cord stimulation (more than 500 implants), implantable pumps, radiofrequency ablation, epidural and facet procedures, sympathetic blocks, CRPS, post-laminectomy syndrome, and medical-device evaluation.

- Pioneered the use of SGB for PTSD and hot flashes and developed the Dual Sympathetic Reset (DSR) protocol.
• Pioneer in stellate ganglion block for PTSD and vasomotor symptoms, with extensive experience treating veterans, active-duty military personnel, and first responders.
• Extensive teaching and speaking experience, including Grand Rounds at Massachusetts General Hospital, Fort Bragg, and Northwestern University; trained more than 1,000 physicians for anesthesiology board examinations and received teaching awards for residents and nurse anesthetists.
• Author of more than 65 peer-reviewed publications and book chapters; work featured in The Wall Street Journal, Los Angeles Times, Chicago Tribune, ABC, NBC, and WGN.
- Developed a hybrid neurostimulation approach combining conventional dorsal column stimulation with peripheral subcutaneous field stimulation.
- Consulted with Medtronic on development of dorsal column stimulation devices and with B&D on needle design.

- Active interventional pain practice includes spinal cord stimulation, radiofrequency ablation, diagnosis and treatment of CRPS, and treatment of post-laminectomy syndrome.
- Former instructor and professional resource for the Spine Intervention Society and North American Spine Society.

PROFESSIONAL EXPERIENCE

Stella Trauma Centers, *Westmont, Illinois* 2020-Present
Co-Founder and Chief Medical Officer
Provides SGB for PTSD and ketamine infusions for selected medical conditions; oversees clinical standards and medical program development.

Illinois Orthopedic Network, *Chicago, Illinois* 2019-Present
Pain Physician
Performs interventional pain procedures, including dorsal column/spinal cord stimulation and radiofrequency ablation; diagnoses and treats CRPS and post-laminectomy syndrome, including adhesiolysis/Racz procedures and related interventions.

Erase PTSD Now 2015-Present
Senior Medical Advisor / Science Advisor
Oversees medical services, clinical policies and procedures, research design, and sponsored treatment programs involving SGB and the SOF/DSR method; serves as principal investigator in physician-initiated research.

Nonprofit Program for PTSD Treatment 2013-Present
Science Advisor
Provides SGB/DSR-based treatment and supervises research intended to improve care for patients with PTSD.

University of Illinois, *Chicago, Illinois* 2018-Present
Clinical Assistant Professor, Department of Surgery
Academic appointment supporting surgical and pain-medicine education.

Advanced Pain Centers, *Chicago, Illinois* 1996-Present
Medical Director
Responsible for clinical policies and procedures, quality oversight, and direct interventional pain care.

Illinois Masonic Hospital, *Chicago, Illinois* 2018-2022
Medical Director, Pain Clinic
Provided direct patient care and optimized pain-clinic policies and procedures.

Medtronic, *Minneapolis, Minnesota* 2013-2015
Medical Device Consultant
Consulted on the development of dorsal column/spinal cord stimulation devices.

B&D, *New York, New York* 2006-2008
Medical Device Consultant
Provided needle-design expertise.

I Grow Chicago, *Chicago, Illinois* 2014-2018
Chief Medical Officer, 501(c)(3)
Developed programs to assess organizational impact on underserved communities, provided medical assistance, and supported grant development.

Poplar Creek Surgery Center, *Hoffman Estates, Illinois* 1994-1999
Chief of Anesthesia
- Licensed in nine states: California, Florida, Georgia, Illinois, Massachusetts, New York, North Carolina, Virginia, and Washington.

Rush University Medical Center, *Chicago, Illinois* 1990-1994
Assistant Professor of Anesthesiology
Pain-clinic attending and complex anesthesia provider in cardiothoracic, obstetric, pediatric, and craniofacial surgery.

BOARD CERTIFICATION AND LICENSURE

- American Board of Anesthesiology, Pain Medicine - certified 1993; recertified 2014; current as reflected in source CV.
- American Board of Anesthesiology, Anesthesiology - certified 1991; lifetime/grandfathered status as reflected in source CV.
- Illinois medical license #036071840 - held since 1986.
- Additional active licenses listed in source CV: California, Florida, Georgia, Massachusetts, New York, North Carolina, Virginia, and Washington.

CERTIFICATIONS

- Advanced Cardiac Life Support (ACLS), current since 1994.
- Basic Life Support (BLS), current since 1994.
- Advanced Trauma Life Support (ATLS), 1994-1996.

EDUCATION AND POSTGRADUATE TRAINING

Rush University Medical Center, *Chicago, Illinois* 1989-1990
Advanced Training in Anesthesia and Pain

University of Illinois / West Side VA, *Chicago, Illinois* 1987-1989
Anesthesiology Residency and Pain Medicine Training
University of Illinois / Cook County Hospital / West Side VA, 1984-1986
Chicago, Illinois
Surgical Residency
Northwestern University Medical School, *Chicago, Illinois* 1980-1984
Doctor of Medicine
Northwestern University, *Evanston, Illinois* 1976-1980
B.A., Biochemistry; Phi Beta Kappa

PROFESSIONAL MEMBERSHIPS

Current academic appointment: Adjunct Professor of Psychiatry, Loyola University Chicago.

- American Society of Anesthesiologists (ASA), 1990-present.
- American Society of Interventional Pain Physicians (ASIPP), 2010-present; founding member and first president, Illinois Chapter.

FACULTY AND INSTRUCTOR APPOINTMENTS

Spine Intervention Society (SIS) 2010-2018
Instructor and Professional Resource
North American Spine Society (NASS) 2016-2018
Instructor and Professional Resource
Rush University Medical Center, *Chicago, Illinois* 1990-1996
Academic Faculty / Assistant Professor of Anesthesiology
University of Illinois, *Chicago, Illinois* 2018-Present
Assistant Professor of Surgery

INTERNATIONAL PRESENTATIONS

1. Use of SGB to Treat Suicidal Ideation in PTSD, American Psychiatric Association, Canada, 2015.
2. Use of SGB to Treat Hot Flashes, Pan Asian Lancet Oncology, Singapore, 2012.
3. Use of SGB to Treat PTSD, ISPOR, Spain, 2011.
4. Hot Flash Treatment Using SGB, Oslo University Hospital, Norway, 2010.
5. Hot Flash Treatment Using SGB, Oslo University Hospital, Norway, 2009.
6. Long-Duration Pulsed Radiofrequency for Upper-Extremity CRPS, Euroneuro, Netherlands, 2008.
7. Lower Back Treatment, DRK Kliniken Hospital, Germany, 2004.

SGB / PTSD PRESENTATIONS

1. American Society of Regional Anesthesia (ASRA), live e-poster presentation, “Stellate Ganglion Block Has a Marked Impact on Post-Acute COVID-19 Syndrome: A Case Series,” San Francisco, California, May 2023.
2. American Psychiatric Association, oral presentation, San Francisco, California, 2023.
3. Fort Bragg / SOCOM Grand Rounds, Fayetteville, North Carolina, 2021.
4. American Academy of Pain Medicine, oral presentation, Washington, DC, 2020.
5. Walter Reed Medical Center Grand Rounds, Washington, DC, 2020.
6. American Psychiatric Association, oral presentation, Toronto, Canada, 2015.
7. American Psychiatric Association, oral presentation, New York, New York, 2014.
8. AMSUS, Seattle, Washington, 2013.
9. Canadian Society of Anesthesiologists, poster, Quebec City, Canada, 2012.
10. International Anesthesia Research Society, poster, Boston, Massachusetts, 2012.
11. American Society of Regional Anesthesia, poster, San Diego, California, 2012.
12. PostGraduate Assembly, poster, New York, New York, 2011.
13. ISPOR Annual European Congress, poster, Madrid, Spain, 2011.
14. U.S. Congressional Committee on Veterans’ Affairs, oral presentation, Washington, DC, 2010.

MEDICAL JOURNAL REVIEWER

- JAMA Psychiatry
- Journal of Affective Disorders
- Journal of Clinical Anesthesia
- Journal of Traumatic Stress
- Anesthesiology
- Maturitas
- Medical Hypotheses
- Military Medicine
- Neuromodulation
- Pain Practice
- Postgraduate Medical Journal

RESEARCH EXPERIENCE

- Reversal of Battle-Related Aging (ROBRA) in a Special Operations Forces Cohort - principal investigator, physician-initiated study, NCT05855876, 2023.
- Effects of Stellate Ganglion Block in Post-Traumatic Stress Disorder - co-designer of NYU study, NCT0539197, 2022.
- Efficacy of a New Utilization of Neurostimulators for Persistent Postsurgical Neck Pain - lead investigator in a physician-initiated subcutaneous stimulation study for Medtronic, 2012.

PUBLICATIONS AND SCHOLARLY WORK

2024

- Lipov EG, Rolain H, Lammers L. “Unanticipated Elimination of Bulimia Symptoms Following a Cervical Sympathetic Block for Treating Post-Traumatic Stress Disorder (PTSD): A Case Report.” 2024.

2023

- Lipov E, et al. “Efficacy of Combined Subanesthetic Ketamine Infusion and Cervical Sympathetic Blockade as a Symptomatic Treatment of PTSD/TBI in a Special Forces Patient With a 1-Year Follow-up: A Case Report.” Heliyon. 2023;9(4).
- Lipov E, Faber JA. “Efficacy of Cervical Sympathetic Blockade in the Treatment of Primary and Secondary PTSD Symptoms: A Case Series.” Heliyon. 2023;9(6).
- Lipov E. “Efficacy of Right-Sided Cervical Sympathetic Block in Treating Post-Traumatic Stress Disorder in Australian Cohorts: A Retrospective Analysis.” 2023.
- Lipov E. “Survey Reveals That Renaming Post-Traumatic Stress ‘Disorder’ to ‘Injury’ Would Reduce Stigma.” Cureus. 2023;15(5).

2022

- Lipov E, et al. “Utility of Cervical Sympathetic Block in Treating Post-Traumatic Stress Disorder in Multiple Cohorts: A Retrospective Analysis.” Pain Physician. 2022;25(1):77.

2021

- Lipov E, Candido K. “The Successful Use of Left-Sided Stellate Ganglion Block in Patients Who Fail to Respond to Right-Sided Stellate Ganglion Block for PTSD Symptoms: A Retrospective Analysis of 205 Patients.” Military Medicine. 2021;186(11-12):319-320.

2020

- Lipov E, Gluncic V, Lukić IK, Candido K. “How Does Stellate Ganglion Block Alleviate Immunologically Linked Disorders?” Medical Hypotheses. 2020;144:110000.

2018

- Lipov E, Tukan A, Candido K. “It Is Time to Look for New Treatments for Posttraumatic Stress Disorder: Can Sympathetic System Modulation Be an Answer?” Biological Psychiatry. 2018;84(2):e17-e18.

2017

- Lipov E. “Stellate Ganglion Block for Posttraumatic Stress Disorder: A Call for the Complete Story, and Continued Research.” ASRA Newsletter. 2017.
- Lipov E, Tukan A, Candido K. Letter to the Editor: “It Is Time to Look for New Treatments for Post-Traumatic Stress Disorder: Can Sympathetic System Modulation Be an Answer?” Biological Psychiatry. 2017.
- Lipov E, Candido K. “BDNF Val66Met Polymorphism and Memory Performance in Older Adults: The Met Carrier Effect Is More Complex Than Previously Thought.” Revista Brasileira de Psiquiatria. 2017;39(3):276.
- Lipov E, Candido K, Ritchie EC. “Possible Reversal of PTSD-Related DNA Methylation by Sympathetic Blockade.” Journal of Molecular Neuroscience. 2017.
- Lipov E, Candido K. “Efficacy and Safety of Stellate Ganglion Block in Chronic Ulcerative Colitis.” World Journal of Gastroenterology. 2017;23(17):3193.

2016

- Lipov E. “Role of the Sympathetic Nervous System in Post-Traumatic Stress Disorder-Related Male Sexual Dysfunction.” In: Intimacy Post-Injury: Combat Trauma and Sexual Health. 2016:17.

2015

- Lipov E, Ritchie EC. “A Review of the Use of Stellate Ganglion Block in the Treatment of PTSD.” Current Psychiatry Reports. 2015;17(8):1-5.
- Lipov E. “The Use of Stellate Ganglion Block in the Treatment of Panic/Anxiety Symptoms (Including Suicidal Ideation) With Combat-Related PTSD.” In: Posttraumatic Stress Disorder and Related Diseases in Combat Veterans. Springer; 2015:179-196.
- Lipov E. “With War-Related PTSD Being Resistant to Pharmaceuticals, Is It Time to Give Stellate Ganglion Block a Shot?” Journal of Trauma & Treatment. 2015.

2014

- Mulvaney SW, Lynch JH, Hickey MJ, et al.; Lipov E. “Stellate Ganglion Block Used to Treat Symptoms Associated With Combat-Related PTSD: A Case Series of 166 Patients.” Military Medicine. 2014;179(10):1133-1140.

2013

- Lipov E, et al. “Stellate Ganglion Block Improves Refractory PTSD and Associated Memory Dysfunction: A Case Report and Systematic Literature Review.” Military Medicine. 2013;178(2):e260-e264.
- Lipov E. “Post-Traumatic Stress Disorder as an Overactivation of the Sympathetic Nervous System: An Alternative View.” Journal of Trauma & Treatment. 2013;3:181.
- Lipov E, Slavin KV. “More Evidence Supporting a Unified Theory of Stellate Ganglion Block.” Medical Hypotheses. 2013;81(1):146.
- Hickey AH, Navaie M, Stedje-Larsen ET, Lipov EG, McLay RN. “Stellate Ganglion Block for the Treatment of Posttraumatic Stress Disorder.” Psychiatric Annals. 2013;43(2):87-92.
- Lipov E, et al. “Use of Intra-Articular and Intrabursal Pulsed Radiofrequency for Persistent Arthrogenic Shoulder Pain.” Pain Medicine. 2013;14(4):554-556.

2012

- Lipov E, Kelzenberg B. “Sympathetic System Modulation to Treat PTSD: A Review of Clinical Evidence and Neurobiology.” Journal of Affective Disorders. 2012;142(1):1-5.
- Lipov E, et al. “A Novel Application of Stellate Ganglion Block: Preliminary Observations for the Treatment of PTSD.” Military Medicine. 2012;177(2):125.

- Lipov E, et al. “Modulation of NGF by Cortisol and Stellate Ganglion Block - Is This the Missing Link Between Memory Consolidation and PTSD?” Medical Hypotheses. 2012;79(6):750-753.

2011

- Lipov E. “‘Hybrid Neurostimulator’: Simultaneous Use of Spinal Cord and Peripheral Nerve Field Stimulation to Treat Low-Back and Leg Pain.” Progress in Neurological Surgery. 2011;24:147-155.
- Lipov E, Kelzenberg BM. “Stellate Ganglion Block to Treat Perimenopausal Hot Flashes: Clinical Evidence and Neurobiology.” Maturitas. 2011;69(2):95-96.
- Lipov EG. “‘Hybrid Neurostimulator’: Simultaneous Use of Spinal Cord and Peripheral Nerve Field Stimulation to Treat Low-Back and Leg Pain.” In: Peripheral Nerve Stimulation. Vol 24. Karger; 2011:147-155.

2010

- Lipov E. “Successful Use of Stellate Ganglion Block and Pulsed Radiofrequency in the Treatment of PTSD: A Case Report.” Pain Research and Treatment. 2010.
- Lipov E. “In Search of an Effective Treatment for Combat-Related PTSD: Can Stellate Ganglion Block Be the Answer?” Pain Practice. 2010;10:265-266.
- Lipov E. “Cervical Sympathetic Ganglion Block: New Hope for PTSD Relief.” In: Post-Traumatic Stress Disorder: Causes, Symptoms and Treatment. Nova Publishers; 2010:159-175.

2009

- Lipov E, Joshi JR, Sanders S, Slavin KV. “A Unifying Theory Linking the Prolonged Efficacy of Stellate Ganglion Block for CRPS, Hot Flashes, and PTSD.” Medical Hypotheses. 2009;72:657-661.
- Lipov E, Joshi JR, Sanders S. “A New Mechanism of Action for Tamoxifen.” Lancet Oncology. 2009;10:542.
- Lipov E, et al. “Use of Peripheral Subcutaneous Field Stimulation for the Treatment of Axial Neck Pain: A Case Report.” Neuromodulation. 2009;12(4):292-295.

2008

- Lipov E, Joshi JR, Lipov S, Sanders SE, Siroko MK. “Cervical Sympathetic Blockade in a Patient With PTSD: A Case Report.” Annals of Clinical Psychiatry. 2008;20:227-228.
- Lipov E, Joshi JR, Xie H, Slavin KV. “Updated Findings on the Effects of Stellate Ganglion Block on Hot Flushes and Night Awakenings.” Lancet Oncology. 2008;9(9):819-820.
- Lipov E, Joshi JR, Sanders S, et al. “Effects of Stellate Ganglion Block on Hot Flushes and Night Awakenings in Survivors of Breast Cancer: A Pilot Study.” Lancet Oncology. 2008;9:523-532.
- Lipov EG, Joshi JR. “Long-Duration Pulsed Radiofrequency for the Treatment of Upper-Extremity Complex Regional Pain Syndrome.” European Journal of Anaesthesiology. 2008;25.

2007

- Lipov E, Lipov S, Joshi JR, Santucci VD, Slavin KV, Beck Vigue SG. “Stellate Ganglion Block May Relieve Hot Flashes by Interrupting the Sympathetic Nervous System.” Medical Hypotheses. 2007;69:758-763.

2005

- Lipov E, Lipov S, Stark JT. “Stellate Ganglion Blockade Provides Relief From Menopausal Hot Flashes: A Case Report Series.” Journal of Women’s Health. 2005;14:737-741.

2002

- Lipov E. “Intrathecal Drug Therapy in Chronic Low Back Pain.” In: Low Back Pain: Diagnosis and Treatment. ASIPP Publishing; 2002:93-101.

1995

- Lipov E, McCarthy RJ, Ivankovich AD. “Walk, Don’t Run: Alternative Methods of Changing Needle Direction.” Anesthesia & Analgesia. 1995;80:1067.

1994

- Lipov E, McCarthy RJ, Ivankovich AD. “Severe Kinking of an Epidural Needle.” Anesthesia & Analgesia. 1994;78(3):607-608.
- Lipov E, Sosis MB, McCarthy RJ, Ivankovich AD. “Does the Design of the Sprotte Spinal Needle Reduce the Force Needed to Deform the Tip?” Journal of Clinical Anesthesia. 1994;6(5):411-413.

1993

- Lipov E. “Safe Nasogastric Tube Placement in a Patient With a Basal Skull Fracture.” Anesthesiology. 1993;78(5):989.
- Lipov E, Sosis MB. “Anesthesia for Otic Surgery.” Anesthesiology Clinics. 1993;11(3):547-558.
- Lipov E, Sosis MB, Ivankovich AD. “A Comparison of Epidermal Coring With 22-G Spinal Needles.” Regional Anesthesia and Pain Medicine. 1993;18(2S):91.

1991

- Lipov E. “Emergence Delirium in the PACU.” Critical Care Nursing Clinics of North America. 1991;3(1):145-149.

PROFESSIONAL REFERENCES

Available upon request.