

Brent Robert Leland Lee, MD, MPH, FASA
1802 Vernon St, NW PMB 2102
Washington, DC 20009 USA
+1 202 949 2773
Citizenship: American
Security Clearance: TS/SCI w/ FS poly
Brent.Lee@MEDintelSolution.com

I. Education

Graduate Certificate	George Mason University, Fairfax VA. Biodefense. (in progress)
M.P.H.	Harvard School of Public Health. Boston, MA. International Health.
M.D.	Brown University School of Medicine. Providence, RI. Medicine
B.A.	Brown University. Providence, RI. French Studies.

II. Professional Experience

01/01-present **Health Security Consultant, MEDintel Solutions, LLC.** Washington DC.
Independent contractor consulting in medical intelligence, health security,
biodefense, international medical assistance and medical countermeasures.

07/02 - present **Anesthesiologist, North American Partners in Anesthesia- NAPA** (previously
Fair Oaks Anesthesia Associates 2/14). Melville, NY.

- **Staff Anesthesiologist** (INOVA Fair Oaks Hospital 7/02-1/06)- Provided outstanding clinical care for surgical, obstetrics, pediatric, other procedural cases.
- **Chairman** (INOVA Mt. Vernon Hospital 1/06-1/08)- Transformed a dysfunctional anesthesia department into an efficient and high quality team of anesthesia providers.
- **Chairman** (INOVA Alexandria Hospital 1/08 – 9/14, and 6/16 to 1/17) Built a high performance and engaged anesthesia department averting a planned discontinuation of hospital contract. Set up innovative programs that included a cutting-edge regional anesthesia service and a Pre-op Testing Clinic. Both services increased quality of care provided and improved revenue for the hospital as well as the anesthesia department.
- **Regional Clinical Director, Philadelphia Division** (09/14 – 6/16)- Hired and built successful team of anesthesia providers at five hospitals in the Philadelphia area. This included contracting, hiring, and overseeing clinical services of these five hospitals.
- **Chief Medical Officer, Mid-Atlantic Division** (1/12 – 12/17)- Built a single hospital anesthesia practice into a thriving practice with 300 providers and 9 hospital contracts. Sold this practice to a large national anesthesia group in 2014 but continued to direct the clinical operations of the Mid-Atlantic Division including oversight of quality and patient safety.

- **Director of Clinical Excellence and Performance Improvement, NAPA Nationwide** (1/18 – present)- As the patient safety officer for the organization, I collect and analyze adverse event data for the largest national anesthesia practice in the country which provides care for over three million cases annually in 500 hospitals and ambulatory sites. This has included root cause analysis of adverse events utilizing human factors evaluation, medical decision making and cognitive errors as well as implementation of performance improvement activities to mitigate harm and medical error. I led the development of a proprietary adverse event reporting software and a clinical safety app to report near miss safety events. I have researched and developed educational programs and implemented policies and protocols that have reduced risk and improved patient safety and quality. Since March of 2020, I have served as the COVID-19 lead for the organization synthesizing and researching the most up to date literature in order to protect and care for the 5,000 anesthesia providers in the organization and the patients we care for.

07/00-06/02

Epidemic Intelligence Service Officer- LCDR (O4) in US Public Health Service, Centers for Disease Control and Prevention (CDC). Atlanta, GA- Served as a medical epidemiologist in the National Immunization Program, where I investigated and quelled infectious disease outbreaks, researched and published vaccine efficacy studies, and partnered with foreign governments (Haiti, Ethiopia, Morocco) to conduct nationwide vaccination campaigns. In this role, I also reviewed the Vaccine Adverse Events Reporting System (VAERS) reports related to the MMR vaccine and published communications for CDC such as the Morbidity and Mortality Weekly Report (MMWR). In addition, I conducted bioterrorism syndromic surveillance in NYC after 9/11 and was detailed to the State Department Office of Foreign Disaster Assistance where I researched and provided medical expertise to various stakeholders and decision makers within the agency.

12/98 – 6/00

Team Member, Disaster Medical Assistance Team and International Medical/Surgical Team, National Disaster Medical System. Boston, MA- Team member and administrative group leader for rapid response medical team for domestic and international disasters.

07/98 – 6/00

Clinical Instructor/Staff Anesthesiologist, Harvard Medical School/Brigham and Women's Hospital. Boston, MA- Provided clinical anesthetic care to surgical patients, supervised and instructed resident physicians and medical students in the practice of anesthesia.

06-08/99

Medical Coordinator, International Medical Corps (IMC), Kukes, Albania. Los Angeles, CA- Directed a staff of physicians and nurses in the clinical and programmatic activities of the IMC in Kukes, Albania during the Kosovar refugee repatriation. This included proposal writing and coordination with the U.N., NATO, other NGOs and local health authorities.

III. Post-graduate Training

Internship in Internal Medicine, Georgetown University Medical Center. Washington, DC.

Residency in Anesthesiology, Georgetown University Medical Center, Washington, DC.

Fellowship in Trauma Anesthesia, R. Adams Cowley Shock Trauma Center/University of Maryland Medical School. Baltimore, MD.

IV. Certificates and Licensure

Georgia (#05023), inactive status

Maryland (#D0051731), inactive status

Virginia (#0101232682), active status

Pennsylvania (#MD453541), inactive status

West Virginia (#27842), inactive status

Board Certified in Anesthesiology

Fellow of the American Society of Anesthesiologists (FASA), 2019

ACLS, PALS current

Medical Management of Chemical and Biological Casualties Course (USAMRICD 05/21)

Top Secret/SCI w/Full Scope Polygraph (3/14/22) clearance

V. Professional Organizations

World Association of Disaster and Emergency Medicine

American Society of Anesthesiologists

-AQI/Anesthesia Incident Reporting System Committee

-Patient Safety and Education Committee 2020-2022

Virginia Society of Anesthesiologists

NAPA Anesthesia Patient Safety Institute (PSO)

-Medical Director

Anesthesia Business Group

-ABG Qualified Clinical Data Registry

The Doctors Company

-Anesthesia Advisory Board

VI. Publications

Lee, B., Gerasimov, M., “A Case Report from the Anesthesia Incident Reporting System: Knowledge is Power, But How to Keep Up”. ASA Monitor, December 2022.

Cornelissen, C., Lee, B., Rivoli, S., Gold, B., “Hiding in Plain Sight: Compassion as an Antidote to Burnout in the Post-COVID Era”. Anesthesia Patient Safety Foundation Newsletter. Volume 36, No 3. Oct 202. Pages 124-126.

Lee, B., Gerasimov, M. "Learning from Others: A Case Report from the Anesthesia Incident Reporting System; Case 2021-09: If in Doubt". ASA Monitor, September 2021.

Gerasimov, M., Lee, B., Bittner, E. "Postoperative Anterior Neck Hematoma (ANH): Timely Intervention is Vital. Anesthesia Patient Safety Foundation Newsletter." Volume 36, No 01, Feb 2021.

Lee, B. "Learning from Others: A Case Report from the Anesthesia Incident Reporting System; Case 2020-08: Defibrillation Fire". ASA Monitor, August 2020.

Lee, B. "A New Path to Higher Patient Satisfaction Scores: Will Better Education of Obstetric Patients About Pain Expectations Boost Hospital Loyalty and Revenue?" Becker's Hospital Review. January 2019.

Lee, B., Edwards, J., Roberts, B., "Identification of Risk Factors for Sedation-related Adverse Events in Anesthesia Provider-administered Sedation for Endoscopy". Poster presentation. SAMBA 34th Annual Meeting, Austin TX, May 9-11, 2019.

Lee, B., Yang, M., Papania, M., Stevenson, J., Seward, J., Hutchins, S. "Measles Hospitalizations, United States, 1985-2002." Journal of Infectious Diseases, 2004;189 (Supplement 1), S210-14.

Galil, K., Lee, B., Strine, T., Carraher, C., Baughman, A., Eaton, M., Montero, J., Seward, J. "Outbreak of Varicella at a Daycare Center Despite Vaccination." New England Journal of Medicine, 347 (24): Dec 12, 2002, 1909-1915.

Lee, B., Galil, K., Eaton, M., Carraher, C., Greenblatt, J., Seward, J. "Low Varicella Vaccine Effectiveness in a Daycare Center Outbreak, New Hampshire, December 2000-February 2001." Abstract for 41st ICAAC. American Society for Microbiology, Chicago, IL. December 16-19, 2001.

Lee, B., Papania, M., Redd, S., Bellini, W. "Measles- United States, 2000." MMWR 2002; 51(6):120-3.

Lee, B. "Starch Based Oral Rehydration Therapy and Its Application". Rhode Island Medical Journal. Volume 72(6), 203-206, June 1989.

McKendell, G., Lee, B. "Comparison of the Effectiveness of Intravenous Heparin, Intravenous rt-PA, and Intracoronary Urokinase for Treatment of Intracoronary Thrombus." Abstract for American Heart Association 65th Scientific Session, New Orleans, LA. November 16-19, 1992.

VII. Languages

French- fluent

Spanish- conversational

German- good knowledge

Italian- good knowledge

Swedish- good knowledge