

Dr. Silvana LEKA

WORK EXPERIENCE

2015 – Present

Consultant Anesthesiologist – Intensivist
University Hospital of Trauma, Tirana

2020 – Present (Part-time)

Assistant Professor of Anesthesiology & Intensive Care
University of Medicine, Tirana

2012 – 2014

Anesthesiologist – Salus Hospital, Tirana

2012 – 2013 (Part-time)

Intensivist – Hygeia Hospital, Tirana

2008 – 2013

Lecturer in Normal Anatomy – University of Shkodra

2006 – 2008

General Practitioner – Shkodra, Albania

EDUCATION AND TRAINING

2024 – Present

PhD Candidate – University of Medicine, Tirana

2008 – 2012

Residency in Anesthesiology & Intensive Care – University of Tirana

1999 – 2005

MD – Faculty of Medicine, University of Tirana

PERSONAL SKILLS

Languages:

- Albanian (Native)
- English (Fluent)
- Italian (Fluent)
- French (Intermediate)

Professional Skills:

- Advanced airway management
- Critical care and hemodynamic monitoring
- ICU protocols and infection control
- Clinical research methodology

ADDITIONAL INFORMATION

Reviewed Publications

- **Anesthesia Management for a Pediatric Trauma Patient with Coloboma Following a Dog Bite**

Albanian Journal of Trauma and Emergency Surgery, 2025. DOI: 10.32391/ajtes.v9i2.476

- **Investigating AKI in ICU Trauma Patients: Incidence, Risk Profiles, and Outcome Implications**

Nephrology Dialysis Transplantation, 2025 (Suppl. 3)

- **Early Hemodynamics and Treatment Exposures Predict AKI, Which Drives Mortality After Trauma ICU Admission**

Kidney International Reports, 2026

International Research & Clinical Studies

- **COMBACTE-HONEST PREP Study** – Multicenter observational study under COMBACTE Consortium

Role: Local Investigator (Albania)

- **POS-VAP Study (Ventilator-Associated Pneumonia)**

European Clinical Research Alliance for Infectious Diseases

ClinicalTrials.gov: NCT05719259

Indexed Abstracts & Proceedings

- **From Tubular Stress to Recovery in the Trauma ICU**

World Congress of Nephrology (WCN 2026)

- **Low-Dose Furosemide Reduces AKI in Hip Fracture Patients**

BANTAO Journal, 2025

Selected Conference Presentations

- Permissive Hypotension in Trauma Patients – Tirana, 2017
- C-MAC Videolaryngoscope for Intubation – Tetovo, 2018
- Postoperative Delirium Following Hip Surgery – ACTES, 2020
- Bone Cement Implantation Syndrome – ACTES, 2021
- Pediatric Orthopedic Anesthesia – Tirana, 2023
- Fever in TBI Patients: Neurogenic vs Septic – ASAI, 2024
- Jehovah's Witness Trauma Patient: Medical & Legal Implications – Published Abstract
- Frailty & Fragility Fracture in Anesthesia Care – 2025

Academic Contributions

- Contributor (Translation & Editing): *Damage Control Management in Polytrauma Patients* (2018), ISBN: 978-9928-4436-4-9

Early Academic Work

- Incidence of Headache after Spinal Anesthesia – 2009 (Co-author)

Personal Skills: Team work aptitude and collaboration skill.