

In The Name God



Curriculum Vitae

Mina Vishteh, MD

Assistant Professor of Anesthesiology

Department of Anesthesiology, School of Medicine

Shahid Beheshti University of Medical Sciences (SBMU)

Tehran, Iran

Contact Information:

- **Affiliation:** Labbafinejad Medical Center, Tehran, Iran.
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Education & Training

- **Board Certified in Anesthesiology & Critical Care** | *Shahid Beheshti University of Medical Sciences (2017).*
 - **Ranked 8th Nationally** in the Iranian National Board Examination.
 - **Specialty Thesis:** “The difference between induction and maintenance dosages of propofol for general anesthesia in patients with and without sleep quality disorder
 - **Doctor of Medicine (MD)** | *Hamadan University of Medical Sciences(2009).*
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Professional Experience

- **Assistant Professor of Anesthesiology** | *Labbafinejad Medical Center, SBMU (2021 – Present).*
 - **Assistant Professor of Anesthesiology** | *Shohadaye Khalij e Fars Bushehr (2017 – 2021).*
 - **General Practitioner (Public Health Service)** | *Masih Daneshvari Hospital, Tehran (2009 – 2011).*
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Academic Honors & Awards

- **Top-Ranked Educational Project Award** | *18th SBMU Medical Education Festival (2024).*
 - **National Board Rank:** Ranked 8th in the National Anesthesiology Board Exam (2016).
 - **Certified Elite Member** for Top Medical Graduates.
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Academic Leadership & Executive Roles

- **General Coordinator for Clinical Clerkship Courses:** Medical Student Coordinator, Labafinejad Hospital. SBMU.
 - **Member of the Curriculum Planning Committee:** Medical Education Development Office (EDO), School of Medicine, SBMU (2025).
 - **Member of Specialized Working Groups at SBMU:**
 - Artificial Intelligence (AI) in Medical Sciences.
 - Virtual Education and Scholarship.
 - Systematic Review and Meta-Analysis Working Group.
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Teaching & Educational Activities

- **Course Instructor:** “Anesthesia Pharmacology ” for clinical staff.
 - **Curriculum Designer:** Developed the specialized course “Principles of Safety in the Operating Room.”
 - **Educational Content Developer:** Designed EPA-based (Entrustable Professional Activities) modules for “Anesthesia in Prone Position.”
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Research Projects (Principal Investigator/Collaborator)

- Comparative Study of the Effect of 0.25% Bupivacaine Combined with Fentanyl Versus 0.25% Bupivacaine Combined with Dexmedetomidine in TAP Block for Post-Cesarean Pain Relief Date: 2024-10-24 Role: Principal Investigator
 - Investigating the Role of Nasopharyngeal and Gut Microbiota in Postoperative Cognitive Dysfunction (POCD) in Elderly Patients After Radical Urological Surgery Date: 2024-08-14 Role: Co-Investigator
 - Application of Artificial Intelligence in Predicting Postoperative Cognitive Impairment in Patients Undergoing Radical Prostatectomy Date: 2024-07-06 Role: Researcher
 - Predicting Hypotension in Patients Undergoing PCNL Under Spinal Anesthesia Using Artificial Intelligence Date: 2024-02-09 Role: Data Analyst
 - Application of Artificial Intelligence in Predicting Urosepsis in Patients Undergoing PCNL Date: 2023-06-18 Role: Project Lead
 - Investigating the Relationship Between Kidney Donor Profile Index (KDPI) and Kidney Transplant Outcomes: A Systematic Review Date: 2024-04-03 Type: Systematic Review
 - Evaluation of the Role of Machine Learning Models in Predicting Outcomes of Radical Cystectomy Surgery: A Systematic Review Date: 2024-03-20 Type: Systematic Review
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Supervision of Research (Thesis Supervisor)

1. **Supervisor (Specialty):** “Predicting Hypotension in Patients Undergoing PCNL Under Spinal Anesthesia Using Artificial Intelligence
 2. **Supervisor (Specialty):** Comparative Study of the Effect of 0.25% Bupivacaine Combined with Fentanyl Versus 0.25% Bupivacaine Combined with Dexmedetomidine in TAP Block for Post-Cesarean Pain Relief
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Publications

Peer-Reviewed Journal Articles

- **Vishteh M,** Roodneshin F, Poorzamany Nejat Kermany M, Samadpour H, et al. “The Epidemiology and Socioeconomic Associates of Pulmonary Aspiration and Foreign Body in the Airway in the Middle East and North Africa Region From 1990 to 2021: A Descriptive Epidemiological Study.” *Health Science Reports*, 9 (5), e72311, **2026**.

- Dadpour M., Sadr J., Montazeri S.M.H., **Vishteh M.**, Poorsalimi S., Samadpour HHuge hematoma following extracorporeal shock wave lithotripsy leading to nephrectomy. **2025**
- Karimian, M., Rahmatizadeh, S., Kohzadi, Z., (...), Tajbakhsh, A., **Vishteh, M.** Analyzing Patterns in Anesthesiology Residents' Exam Performance Using Data Mining Techniques **2024**
- Shahidi, S., **Vishteh, M.**, Komaki, A., Sadeghian, R. The effects of sildenafil on the hippocampal long-term potentiation in male rats **2022**
- Mirkheshti, A., **Vishteh, M.**, Tajbakhsh, A., (...), Falahinejadghajari, R., Memary, E.
- The difference between induction and maintenance dosages of propofol for general anesthesia in patients with and without sleep quality disorder **2020**

Books (Translation)

- Principles of Anesthesia, Pain, and Critical Care•
- (کتاب تالیفی مبانی بیهوشی، درد و مراقبت های ویژه)
 - *Note* : Selected as the National Reference Book for Anesthesiology Clerkship in Iran .
- Anesthesiology Board and Promotion Examination Review Series
- Stoelting's Anesthesia and Co-Existing Disease, 2022 Edition Translation
- *Translator, Persian Edition of Miller Basics of Anesthesia, (8th Edition, 2018)*

Editorial & Review Activities

- **Peer Reviewer:** Reviewed **48 manuscripts** for the *Journal of Cellular and Molecular Anesthesia (JCMA)*.

Certifications & Workshops

- **Clinical Skills:** Pharmacology Of Anesthesia ,Adult CPR (BLS/ACLS).
- **Research & Writing:** Professional Scientific Writing, Common Errors in Manuscript Preparation, Systematic Review Methodology.

- **Academic Development:** Small Group Teaching, PMP Question Design Principles, Pharmacology of Anesthetic Drugs, Artificial Intelligence in Medical Sciences.