

Marzieh Shahrabi

Assistant Professor of Critical Care Medicine
Department of Anesthesiology, School of Medicine
Shahid Modarres Hospital
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Photo

Education

Fellowship: Fellowship in Critical Care Medicine (Board Certified)

Shahid Beheshti University of Medical Sciences, Tehran, Iran

Residency.: Residency in Anesthesiology (Board Certified)

Shahid Beheshti University of Medical Sciences, Tehran, Iran

MD: Doctor of Medicine (M.D.)

Tehran University of Medical Sciences, Tehran, Iran

MSc.:

Faculty Appointments

Assistant Professor

Department of Anesthesiology, School of Medicine

Shahid Beheshti University of Medical Sciences

Shahid Modarres Hospital, Tehran, Iran

International Academic Experiences

Instructor in two Critical Care Medicine training courses for International Medical Students.

Academic and Executive Appointments

- **Resident Education Coordinator**, General Intensive Care Unit (General ICU)
- **Member, Infection Prevention and Control Committee**
- **Head of Intensive Care Units (ICUs)**, Kheyrin Salamat Hospital, Qom, Iran

Membership and Professional Appointments

Member, Iranian Society of Anesthesiology

Member, Iranian Society of Critical Care Medicine

International Cooperation

Teaching Positions

- Resident Education Coordinator, General Intensive Care Unit (General ICU)
- Instructor of Anesthesiology for Medical Clerks (Externship Program)
- CPR Instructor, conducting multiple Basic and Advanced Cardiopulmonary Resuscitation (CPR) training courses for nursing staff at Kheyrin Salamat Hospital, Qom, Iran, and Shahid Modarres Hospital, Tehran, Iran.

Published Books

- **Translator**, *Anesthesia and Coexisting Diseases*.
- **Translator**, *Miller's Anesthesia* – Chapters on **Blood Transfusion**.
- **Author**, Chapter: **Arterial Blood Gas Analysis and Acid–Base Disorders**, in *Fundamentals of Anesthesia, Pain, and Critical Care Medicine*.

Book Chapters

- Author, Critical Care Medicine Perspective section, in A Multidisciplinary Approach to Surgery and Anesthesia in Patients with Advanced Kidney Disease and Kidney Transplant Recipients.

Scholarly Publications

Wire Reinforced Endotracheal Tube Compared with Parker Flex-Tip Tube for Oral Fiberoptic Intubation: A Randomized Clinical Trial.
Minerva Anesthesiologica. 2014.

Is External Ventricular Drain Infection Predictable in Neurosurgery Patients? A Following-up Study in Iran.
Archives of Neuroscience. 2021.

The Magnitude of Anesthesiology Residents Burnout at Shahid Beheshti University of Medical Sciences: A Cross-Sectional Study.
Anesthesiology and Pain Medicine. 2025. □

Artificial Intelligence in Predicting Mortality Risk for Critically Ill Children in Pediatric Intensive Care Units: A Systematic Review.
Health Science Reports. 2026

Recent Research Projects

Under Revision

Dexmedetomidine versus Remifentanyl for Postoperative Recovery after Open Radical Cystectomy (BMC Anesthesiology)
Submitted / Under Review

Laryngeal Mask Airway versus Face Mask Ventilation during Pediatric Flexible Bronchoscopy (Pediatric Anesthesia)

Cerebral Oximetry for Predicting Neurologic and Cognitive Outcomes after Beach-Chair Shoulder Surgery (Canadian Journal of Anesthesia)

MicroRNAs in Sepsis-Associated Encephalopathy... (Clinica Chimica Acta)

A Systematic Review of the Role of miRNAs in Sepsis-Induced Acute Kidney Injury (AKI) (Urology Journal)

Organized Workshops

- **Instructor, Advanced Cardiovascular Life Support (ACLS) Workshop.**

- **Instructor, Mechanical Ventilation Workshop.**

- **Invited Speaker, ACLS Webinar, Tehran Medical Council.**

- **Invited Speaker, Webinar on Sepsis Management, Qom University of Medical Sciences.**
- **Invited Speaker, Lecture on Blood Transfusion, Congress of Laboratory Sciences.**
- **Invited Speaker, Lecture on the Use of Transcranial Direct Current Stimulation (tDCS) and Repetitive Transcranial Magnetic Stimulation (rTMS), Iranian Congress of Anesthesiology.**
- **Invited Speaker, Lecture on Electrolyte Disorders, International Congress of Critical Care Medicine.**