

Curriculum Vitae (CV)

Dr. Seyed Sammehdi Hosseininasab

MD, Anesthesiologist & Neuroanesthesia Fellowship

Assistant Professor, Shahid Beheshti University of Medical Sciences

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Professional Title

Assistant Professor of Anesthesiology | Neuroanesthesia Fellowship | Board-Certified Anesthesiologist

PROFESSIONAL PROFILE

Board-Certified Anesthesiologist and Neuroanesthesia in clinical anesthesia, neuroanesthesia, medical education, and academic research. Currently serving as Assistant Professor of Anesthesiology at Shahid Beheshti University of Medical Sciences, with active involvement in clinical practice. fellowship , resident and international students education , and academic research.

EDUCATION

Neuroanesthesia Fellowship

Shahid Beheshti University of Medical Sciences, Tehran, Iran
2024

Board-Certified Specialist in Anesthesiology

Shahid Beheshti University of Medical Sciences, Tehran, Iran
2020

General Practitioner (MD)

shahid sadoghi of Medical Sciences, yazd, Iran
2010

ACADEMIC APPOINTMENTS**Assistant Professor of Anesthesiology**

Shahid Beheshti University of Medical Sciences, Tehran, Iran
2024–Present

CLINICAL APPOINTMENTS**Attending Anesthesiologist**

Loghman Hakim Hospital, Tehran, Iran
2024–Present

LEADERSHIP AND ADMINISTRATIVE POSITIONS**Coordinator. Neuroscience working group**

Department of Anesthesiology, shahid Beheshti university, Tehran, Iran 2025 -present

Secretary of the Hemovigilance Committee

Loghman Hakim Hospital, Tehran, Iran 2024_ present

Researcher, Skull Base Research Center

Loghman Hakim Hospital, Tehran, Iran 2024_present

Member of the anesthesia team at Imam Khomeini Firouzkouh Hospital

2020 -2022

Fields of Interest

Neuroanesthesia

Airway

Regional anesthesia

Pain control

Teaching Positions

Active member of the teaching faculty, Department of Anesthesia, Shahid Beheshti University of Medical Sciences

Participation in the training of fellowship residents in neurosurgery,

academic training of residents of anesthesia

training of medical students,

training international students at the postgraduate level

training undergraduate anesthesia and nursing students

PUBLICATIONS

Alzheimer's disease and infectious agents: a comprehensive review of pathogenic mechanisms and microRNA roles
2025

A Comparison of Dexmedetomidine and Magnesium Sulfate as an Anesthetic Adjuvant in Trans Sphenoidal Pituitary Surgery
2024

Role of Inflammation in Secondary Injury Progression after Traumatic Brain Injury and Spinal Cord Injury
2026

Complications of Nausea, Vomiting, and Headache after Epidural Steroid Injection in Two Elderly Patients after Multilevel Lumbar Surgery: A Case Series
, 2026

Jervell-Lange Nielsen Syndrome: A Case Report
, 2025

Mentoring Program in Academic Medicine: A Systematic Review Study
2025

A Prospective Randomized Trial Comparing Effectiveness of Parasagittal and Midline Epidural Steroid Injection in Patients with Lumbar Canal Stenosis Pain
, 2025

Assessing the Effect of Intrathecal Dexmedetomidine on Cerebrospinal Fluid Levels of Apoptotic Factors: A Clinical Trial Study in Lumbar Disc Surgery
2021

The Need to Establish an Obstetrics Anesthesia Fellowship; a Practical Solution to Promote the Health of Mothers in Iran
, 2020

اقترا یارب یلمع یراکهار، بیامام یشو هیب پیشولف داجیا ترورض ء ناردام تملاس نیمز ناریا
2020

Current Research Activities

Thesis advisor

Comparison of the effect of erector spinae block injected immediately before surgery and half an hour before surgery under ultrasound guidance in spinal anesthesia

Comparison of erector spinae block with ropivacaine and erector spinae block with ropivacaine and epinephrine on intraoperative bleeding and duration of analgesia in posterior lumbar spine fusion surgery

Thesis advisor in Master of Anesthesiology for International Students

Comparison of Autonomic (Sympathetic and Vagus) and Hemodynamic Responses to Ketamine vs. Fentanyl During Laryngoscopy and Intubation in ASA I–II Adults: A Randomized Controlled Trial

Investigating the Effect of Low-Dose Ketamine Infusion in the Operating Room on Hemodynamic Stability and Opioid Consumption in Elective Orthopedic Surgeries: A Randomized Controlled Trial

Organized Workshops

CPR Workshop

Airway Workshop

Blood transfusion workshop

Neuromonitoring Workshop

Membership of Professional Associations

Member of Iranian Society of Anesthesiologist

Member of Iranian Medical Council

lectures

Neuroanesthesia Panel at the 16th International Congress of Anesthesia and Critical Care

Lecture at the 17th International Congress of Anesthesia and Critical Care

Lecture at the 14th International Congress of Neuroscience

Lecture at the 1st Neuroanesthesia Congress