

Curriculum Vitae



Maryam Baniani, MD

Assistant Professor of Cardiac Anesthesia, Department of Anesthesiology, School of Medicine, Imam Hossein A.S. Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Personal Data

Date of Birth

Married; two children

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Qualifications:

Medical Doctor Degree (MD): Shiraz University; 2000-2007

Specialty: Anesthesiology, SBMU; 2011-2015

Fellowship: Cardiac Anesthesiology, SBMU; 2023-2024

Languages:

- 1- Persian
- 2- English (Fluent Reading, Writing and Speaking)
- 3- 3- German (Fluent Reading, Writing and Speaking)

Publications:

- 1- **Baniani M**, Alibeigi P, Dabbagh A, Falah Tafti M, Talebian N, et al. CNS Outcomes in Patients with Frailty Undergoing Coronary Artery Bypass Grafting and Heart Valve Surgical Procedures. J Cell Mol Anesth. 2025;10(4):e168011
- 2- **Baniani M**, Dabbagh A. Primary Report of Anesthesia Methods and Comorbidities in Patients Undergoing Transcatheter Aortic Valve Implementation (TAVI): An Observational Study. Arch Anesth & Crit Care. 2025;11(Supp. 1):621-626.
- 3- Shakeri A, Fathi M, Sezari P, Shahrabi M, Karimian M, Bahramzadehharsini Z, Magsudy A, Ariannik M, **Baniani M**, Sedehi G. A Randomized Double-Blind Study Evaluating Fibrinogen-Tranexamic Acid Preventive Therapy Versus a Combined Low-Dose Regimen on Surgical Bleeding Management and Critical Care Outcomes in Patients Undergoing Radical Cystectomy. Arch Anesth & Crit Care. 2025;11(4):455-461.
- 4- Fathi M, **Baniani M**, Forouzeshfard M, Rajaei S, Ghods K, Dabbagh A. Assessment Effect of N Acetyl Cysteine on Liver Function Test in Patient with Elective Coronary Artery Bypass Grafting with Cardiopulmonary Bypass. J Cell Mol Anesth. 2016;1(3):103-8.

Book Chapters:

Baniani M, Madadi F, Dabbagh A. in: Dabbagh A, Esmailian F. Postoperative Critical Care for Adult Cardiac Surgical Patients; 3rd Edition. 2026. Springer Cham. Hardcover ISBN: 978-3-032-01255-5

Research Projects:

- 1- بررسی ارتباط میان شدت تنگی و تعداد عروق درگیر در بیماران تحت آنژیوگرافی کرونر با تغییرات میزان سربرال اکسیمتری؛ کد پژوهان 5076
- 2- مقایسه یافته های Ultrasound Cardiac Output Monitor قبل و بعد از عمل جراحی با یافته های اکوکاردیوگرافی، Vigilance II monitor، نوار قلب و بروز نارسایی کلیوی در بیماران تحت عمل جراحی قلب باز؛ کد پژوهان: 43013828
- 3- ارزیابی نقش نظارت بر اکسیژن رسانی بافت منطقه ای در کاهش کاهش عصب شناختی پس از توقف گردش خون به واسطه هیپوترمی عمیق؛ کد پژوهان: 43013477
- 4- رجیستری اختصاصی برای اعمال بیهوشی در جراحی های پیوند عروق کرونر؛ کد پژوهان: 43011674

Academic Experiences:

- 1- Faculty member, Department of Anesthesiology, School of Medicine, SBMU; 2024-now
- 2- Cardiac Anesthesiologist, Emam Hossein A.S. Hospital, SBMU; 2024-now

- 3- Member of the Scientific Committee, the 1st International Congress of Translational Anesthesiology; in association with the First Anesthesiology TechMarket
- 4- Member of the “Mentorship Committee”, Department of Anesthesiology, SBMU
- 5- Member of the “microRNA” Committee, Department of Anesthesiology, SBMU
- 6- Member of the “Resident Assessment Committee”, Department of Anesthesiology, SBMU

Workshops:

- 1- Summer School of Artificial Intelligence; 2024, Anesthesiology Research Center, Tehran, Iran
- 2- Brain-Computer Interface (BCI) in Anesthesia workshop, November 2025, Anesthesiology Research Center, 2024, Tehran, Iran