

CURRICULUM VITAE



Date of Revision: 06/15/2026

Name: Ardeshtir Tajbakhsh

Education:

2007-2014 Doctor of Medicine (M.D), Shahid Beheshti Medical University of Medical Sciences, Tehran, Iran
2014-2018 Anesthesiology Residency Program, Shahid Beheshti University of Medical Sciences, Tehran, Iran
2020-2024 Master of E-learning, Shahid Beheshti University of Medical Sciences, Tehran, Iran
2024-2025 Fellowship of Palliative Medicine

Career/Academic Appointments:

2018-2024 Assistant Professor of Anesthesiology, Shahid Beheshti Medical University of Medical Sciences, Tehran, Iran
2024-Present Associate Professor of Anesthesiology, Shahid Beheshti Medical University of Medical Sciences, Tehran, Iran

Administrative Positions:

2020-2021 Head of Research Deputy, Anesthesia Department, Shahid Beheshti Medical University of Medical Sciences, Tehran, Iran
2021-2023 Head of Executive Deputy, Anesthesia Department, Shahid Beheshti Medical University of Medical Sciences, Tehran, Iran
2021-2024 Head of Research Deputy, Anesthesia Research Center, Shahid Beheshti Medical University of Medical Sciences, Tehran, Iran
2021-2024 Head of CPR Committee, Imam Hossein General Hospital, Tehran, Iran
2022-Present Substitute of Hemovigilance Chief Physician, Imam Hossein General Hospital, Tehran, Iran
2023- Present Member of the Board of Directors, Iranian Society of Anesthesia and Critical Care, Tehran, Iran
2024- 2025 Head of Research Deputy, Anesthesia Department, Shahid Beheshti Medical University of Medical Sciences, Tehran, Iran

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Professional Honors & Recognition:

2018, Rank #1, Anesthesiology board examination, Iran

Lectures, Courses, Web-based Education:

2025: Psilocybin and Anesthesia- Iranian Society of Anesthesia and Critical Care

2024: Palliative Care for anesthesiology residents

2023: Dual Anticoagulant Therapy- Iranian Society of Cardiac Anesthesiology

2022: Artificial Intelligence and Anesthesia- Iranian Society of Anesthesia and Critical Care

2021: Fast-track Extubation- Iranian Society of Pulmonology

PROFESSIONAL SERVICE

Peer Review Groups/Grant Study Sections :

2024: Member of Research Committee of Imam Hossein General Hospital

2023: Member of Research Committee of Anesthesia Research Center

Professional Organizations:

2024: Member of Society of Anesthesiology and Critical Care

Committee Memberships:

2024: Member of Hemovigilance Committee

2023: Member of CPR Committee

2022: Member of Ethics Committee

Bibliography:

Peer-Reviewed Original Research:

1.Abtahi, D., et al. (2023). "Evaluation of Oxygen Saturation as an Indicator for Tracheal Intubation in Patients With COVID-19: A Prospective Cohort Study." Вестник анестезиологии и реаниматологии 20(2): 66-72.

2.Abtahi, D., et al. (2022). "The ED90 of Prophylactic Oxytocin Administration in Low vs. High-Risk Parturients in Terms of Post-Parturition Uterine Tonicity; An Up-Down Sequential Allocation Dose-Response Study." Journal of Obstetrics, Gynecology and Cancer Research 7(4): 314-322.

3. **Abtahi, D., et al. (2022). "Comparison of Intravenous Dexamethasone and Dexmedetomidine for Spinal Anesthesia Quality in Opium-Addicted Patients: A Parallel Double-Blind Randomized Clinical Trial." *International Journal of High Risk Behaviors and Addiction* 11(3).**
4. **Bhattacharjee, N. V., et al. (2024). "Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021." *The Lancet*.**
5. **Dabbagh, A., et al. (2020). "Relationship between “simulated patient scenarios and role-playing” method and OSCE performance in senior anesthesiology residents: a correlation assessment study." *Anesthesiology and Pain Medicine* 10(5).**
6. **Dabbagh, A., et al. (2020). "Attitudes of the third-year clinical anesthesiology residents toward an independent clinical practice rotation in COVID-19 pandemic in Iran." *Anesthesiology and Pain Medicine* 10(6).**
7. **Dabbagh, A., et al. (2020). "The role of integrative educational intervention package (monthly ITE, mentoring, mocked OSCE) in improving success for anesthesiology residents in the national board exam." *Anesthesiology and Pain Medicine* 10(2).**
8. **Dabbagh, A., et al. (2021). "Residency education reform program in department of anesthesiology and critical care: an academic reform model." *Anesthesiology and Pain Medicine* 11(3).**
9. **Dabbagh, A., et al. (2019). "Improving the training process of anesthesiology residents through the mentorship-based approach." *Anesthesiology and Pain Medicine* 9(1).**
10. **Dabbagh, A., et al. (2020). "Attitudes of anesthesiology residents toward a small group blended learning class." *Anesthesiology and Pain Medicine* 10(3).**
11. **Ejmalian, A., et al. (2022). "Prediction of acute kidney injury after cardiac surgery using interpretable machine learning." *Anesthesiology and Pain Medicine* 12(4).**
12. **Hosseini, M. S., et al. (2023). "Evaluation of the Differences in Plasma Fibrinogen Levels Before and After Cesarean Section and its Association with Intra-and Postoperative Bleeding." *Journal of Obstetrics, Gynecology and Cancer Research* 8(2): 157-166.**
13. **Jaimie D, S., et al. (2024). "Global, regional, and national burden of disorders affecting the nervous system, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021."**

14. Mahdavi, A., et al. (2023). *"Prognostic Value of Clinical and Computed Tomography Score in Predicting Outcome of Patients with COVID-19: A prospective study in Iran."*
15. Mirkheshti, A., et al. (2020). *"Maternal sciatic nerve administered bupivacaine induces hippocampal cell apoptosis in offspring." BMC anesthesiology 20: 1-6.*
16. Mirkheshti, A., et al. (2020). *"The difference between induction and maintenance dosages of propofol for general anesthesia in patients with and without sleep quality disorder." Perioperative Care and Operating Room Management 21: 100125.*
17. Omidi, F., et al. (2021). *"COVID-19 and cardiomyopathy: a systematic review." Frontiers in cardiovascular medicine 8: 695206.*
18. Sabaghian, T., et al. (2022). *"COVID-19 and acute kidney injury: a systematic review." Frontiers in medicine 9: 705908.*
19. Sadeghi, A., et al. (2017). *"Comparison of Anesthetic Techniques on Outcomes of Pediatric Rigid Bronchoscopy for Foreign Body Removal." International Journal of Pediatrics 5(12): 6321-6327.*
20. Sadeghi, J., et al. (2023). *"Impact of analgesics on the risk of ovarian cancer; a systematic review and meta-analysis of cohort and case-control studies."*
21. Salimi, S., et al. (2022). *"Comparison of optic nerve sheath diameter (ONSD) in low-pressure versus normal pressure pneumoperitoneum in laparoscopic cholecystectomy: A randomized clinical study." Medical Journal of the Islamic Republic of Iran 36.*
22. Schumacher, A. E., et al. (2024). *"Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021." The Lancet.*
23. Sezari, P., et al. (2020). *"Evaluation of one-day multiple-choice question workshop for anesthesiology faculty members." Anesthesiology and Pain Medicine 10(6).*
24. Solhpour, A., et al. (2022). *"Intravenous Adrenocorticotrophic Hormone in the Treatment of Post-Dural Puncture Headache: A Case of Refractory to Multiple Epidural Patch." Interventional Pain Medicine and Neuromodulation 2(1).*

25. Steinmetz, J. D., et al. (2024). "Global, regional, and national burden of disorders affecting the nervous system, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021." *The Lancet Neurology* 23(4): 344-381.
26. Tabashi, S., et al. (2020). "Supplemental oxygen therapy and non-invasive ventilation in corona virus disease (COVID-19)." *Journal of Cellular & Molecular Anesthesia* 5(1): 27-31.
27. Tajbakhsh, A., et al. (2022). "Comparative evaluation of intra-cuff ropivacaine, bupivacaine, and lidocaine on emergence reactions after general anesthesia." *Novelty in Biomedicine* 10(4): 232-240.
28. Tajbakhsh, A., et al. (2023). "Investigating the effect of Quran recitation during orthognathic surgery under general anesthesia on the amount of pain reported by the patient during recovery after surgery." *Qur'ān va ṭib (Quran and Medicine)* 8(2): 25-28.
29. Tajbakhsh, A., et al. (2023). "Effect of music during general anesthesia on anesthetic consumption during vitrectomy surgery." *Advanced biomedical research* 12(1): 59.
30. Tajbakhsh, A., et al. (2023). "Cardiac effects of parathyroid hormone excess; an updated mini-review." *Journal of Parathyroid Disease* 11(1).
31. Vosoughian, M., et al (2023). "The Mortality Rate in COVID-19 Patients Undergoing Anesthesia for Surgical Procedures." *Journal of Cellular & Molecular Anesthesia* 8(3): 187-192.

Chapters, Book:

1. Tajbakhsh, A., et al. (2021). "Personalized Anesthesia for Renal and Genitourinary System." *Personalized Medicine in Anesthesia, Pain and Perioperative Medicine*: 183-196.
2. Dabbagh, A., et al. (2018). "Cardiovascular pharmacology in adult patients undergoing cardiac surgery." *Postoperative Critical Care for Adult Cardiac Surgical Patients*: 75-142.

Invited Editorials, Commentaries, Reports and Case Studies:

1. Abtahi, D., et al. (2022). "Anesthetic Management in Tibial Fracture of a Known Case of Wolfram Syndrome." *Journal of Cellular & Molecular Anesthesia* 7(4): 248-250.
2. Abtahi, D., et al. (2023). "Facing PHACES Syndrome; Anesthesiologist's Point of View." *Anesthesiology and Pain Medicine* 13(6).

3. **Tajbakhsh, A. and S. Tabashi (2021). "Apoptosis, Autophagy, and Anesthesia; Correlation of the Three "A" s." *Journal of Cellular & Molecular Anesthesia* 6(1): 1-2.**
4. **Tabashi, S., et al. (2022). "Regenerative Medicine and Perioperative Hypoxic Organ Damage: Targeting Hypoxia-Inducible Factors." *Journal of Cellular & Molecular Anesthesia* 7(1): 58-65.**
5. **Solhpour, A., et al. (2022). "Inadvertent severe hypercapnia during general anesthesia: drop-in oxygen saturation or electrocardiography changes; which one warns us earlier?" *Ain-Shams Journal of Anesthesiology* 14(1): 9.**
6. **Sayyadi, S., et al. (2018). "Treacher Collins Syndrome; Anesthetic considerations and Molecular Findings." *Journal of Cellular and Molecular Anesthesia* 3(1): 31-34.**
7. **Parsa, T., et al. (2015). "Management of Alveolar Proteinosis by Bronchopulmonary lavage under Extra Corporeal Membrane Oxygenation (ECMO)." *Journal of Cellular & Molecular Anesthesia* 1(1): 40-42.**
8. **Nashibi, M., et al. (2018). "Anesthetic management of T12 Schwannoma in a patient with Churg-Strauss syndrome: A case report." *Archives of Neuroscience* 5(4).**
9. **Nashibi, M., et al. (2016). "Anesthetic consideration of Niemann-Pick disease type C." *Journal of Cellular & Molecular Anesthesia* 1(2): 73-77.**
10. **Nashibi, M., et al. (2016). "DIDMOAD (Wolfram) syndrome." *Journal of Cellular & Molecular Anesthesia* 1(3): 126-128.**
11. **Massoudi, N., et al. (2019). "Full recovery after cardiopulmonary resuscitation in lateral position necessitated by hemorrhagic shock." *Journal of Cellular and Molecular Anesthesia* 4(1): 20-23.**
12. **Mirkheshti, A., et al. (2016). "Spinal Anesthesia in a 21-Year-Old Woman With Osteogenesis Imperfecta: A Case Report." *Thrita* 5(2).**
13. **Alam, M., et al. (2023). "Facilitating the removal of a foreign body in the tongue by intraoperative ultrasound guidance: A case report." *Journal of Medicine and Life* 16(7): 1153.**