

Curriculum Vitae

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MSc of Surgical technology



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Educational Record

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BSc in Surgical technology, Department of Operating room, School of
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MSc Thesis: Explaining and designing the self-care pattern of heart valve
replacement patients and its Effectiveness on PT and INR

Publication (Journal Paper)

1. Zandi S, Khazaei S, Bashirian S, Mohammadi R, Karbin F, Jenabi E. Exploring Mothers' Challenges in Living with Children with Autism Spectrum Disorders: A Content Analysis Study. *Current Psychiatry Research and Reviews*. 2025 Aug;21(3):371-80.
2. Zandi S, Jenabi E, Bashirian S, Mohammadi R, Karbin F, Khazaei S. The Experience of Parents When they Find Out that their Child has Autism: A Phenomenological Study. *Current Psychiatry Research and Reviews*. 2025 May;21(2):162-71.
3. Hajilo P, Imani B, Zandi S, Mehrafshan A. A comparative study of lumbar spine stabilization with 2-stage surgery and cement augmentation in osteoporosis patients: a randomized clinical trial. *Scientific Reports*. 2025 Feb 12;15(1):5226.
4. Imani B, Zandi S, Safarpour G. Developing a Self-Care Pattern of Heart Valve Replacement Patients: A Grounded Theory Study. *Pakistan Heart Journal*. 2025 Mar 30;58(1):44-50.
5. Abdi A, Imani B, Zandi S, Zamani M. Explaining the Stress Factors in Patients Undergoing Brain Tumor Surgery: A Conventional Content Analysis Study. *Iranian Journal of Psychiatric Nursing (IJPN) Original Article*. 2025 Feb;12(6).
6. Salehi M, Imani B, Zandi S, Haghiabi H, Souri S. Effect of tranexamic acid dissolved in warm, cold, and room-temperature irrigation fluid on complications during and after TURP surgery: a double-blind, randomized clinical trial. *African Journal of Urology*. 2025 Jan 18;31(1):4.
7. Hajilo P, Imani B, Zandi S, Mehrafshan A. Risk factors analysis and risk prediction model for failed back surgery syndrome: A prospective cohort study. *Heliyon*. 2025 Jan 15;11(1).
8. Salehi M, Imani B, Zandi S. Elucidating the Lived Experiences of Operating Room Nurses Regarding Moral Intelligence: A Hermeneutic Phenomenological Study. *Iranian Journal of Medical Ethics and History of Medicine*. 2024 Dec 10;17:1-2.
9. Hajilo P, Imani B, Zandi S, Mehrafshan A, Khazaei S. The comparison study of laminectomy with unilateral and bilateral pedicle screws fixation and laminectomy alone without fusion interbody in young patients with lumbar spinal stenosis: A randomized clinical trial. *Heliyon*. 2024 Aug 15;10(15).
10. Imani B, Mostafayi M, Zandi S. The lived experiences of operating room nurses from the surgery on COVID-19 patients: a phenomenological study.

Perioperative Medicine. 2024 Apr 24;13(1):30.

11. Ghasemi S, Imani B, Rahmani R, Zandi S. Prevalence of Musculoskeletal Disorders and its Association with the Work Ability Index among Staff Working in the Operating Room of Governmental Hospitals in Hamedan, Iran. *Iranian Journal of Ergonomics*. 2024 Jan 10;11(4):251-60.
12. Khani H, Ahmady S, Sabet B, Namaki A, Zandi S, Niakan S. Teaching-learning in clinical education based on epistemological orientations: A multi-method study. *Plos one*. 2023 Nov 30;18(11):e0289150.
13. Moradzadeh M, Imani B, Zandi S, Zolhavarieh SM. Explaining the Experiences of Operating Room Nurses From Surgery of Patients With Blood-Borne Diseases: A Phenomenological Study. *Avicenna journal of Care and Health in Operating Room*. 2024 Feb 20;2(1):1-8.
14. Moradzadeh M, Imani B, Zandi S, Zolhavarieh SM. Explaining the Experiences of Operating Room Nurses From Surgery of Patients With Blood-Borne Diseases: A Phenomenological Study. *Avicenna journal of Care and Health in Operating Room*. 2024 Feb 20;2(1):1-8.
15. Hajilo P, Imani B, Zandi S, Mehrafshan A. Comparing the intraoperative and postoperative complications of the scalpel and electrocautery techniques for severing the inner layers of the lumbar disc during discectomy surgery. *Frontiers in Surgery*. 2023 Sep 28;10:1264519.
16. Imani B, Banoueizadeh S, Zandi S, Khazaei S. Comparison of Two Methods of Simple and Continuous Plastic Subcutaneous Suture in Appendectomy Wound Healing. *Avicenna Journal of Clinical Medicine*. 2023 Sep 15;30(2):114-20.
17. Mahmoudi H, Faizi F, Rahimi A, Zandi S. An exploration into the challenges of managing the COVID-19 pandemic in mass education centers in Iran: A qualitative content analysis. *Health Promotion Perspectives*. 2023 Apr 30;13(1):61.
18. Imani B, Zandi S, Mohseni M, Eskandari Z. Effectiveness of Gender Matching of the Urological Patients with the Surgical Team: A Quasi-experimental Study.
19. Imani B, Zandi S, Mostafayi M, Zandi F. Presentation of a model of the work engagement in surgical technologists: a qualitative study. *Perioperative care and operating room management*. 2022 Mar 1;26:100235.
20. Imani B, Zandi S, Khazaei S, Mirzaei M. The lived experience of HIV-infected

patients in the face of a positive diagnosis of the disease: a phenomenological study. *AIDS research and therapy*. 2021 Dec;18:1-8.

21. Mostafayi M, Imani B, Zandi S, Jongi F. The effect of familiarization with preoperative care on anxiety and vital signs in the patient's cesarean section: A randomized controlled trial. *European Journal of Midwifery*. 2021 Jun 25;5:21.
22. Zandi S, Imani B, Gholamreza S. Self-care training and informational support of patients with a mechanical heart valve on the international normalized ratio and bleeding complications. *Kardiochirurgia i Torakochirurgia Polska/Polish Journal of Thoracic and Cardiovascular Surgery*. 2021 Jun 1;18(2):80-6.
23. Impact of Maternal Anxiety and Hemodynamic Parameters during a Cesarean Section on the Neonatal Apgar Score
24. Zandi S, Imani B, Safarpor G, Khazaei S. Self-management of patients with heart valve replacement and its clinical outcomes: a systematic review. *Kardiochirurgia i Torakochirurgia Polska/Polish Journal of Thoracic and Cardiovascular Surgery*. 2021 Mar 1;18(1):40-9.
25. Mostafaei M, Imani B, Zandi S, Rabiei S. Early maternal complications of cesarean section in two technique of closure and non-closure of parietal peritoneum: a double blind randomized clinical trial.
26. Rahmani R, Ebrazeh A, Zandi F, Rouhi R, Zandi S. Comparison of job satisfaction and job stress among nurses, operating room and anesthesia staff. *Iranian Journal of Ergonomics*. 2021 Jan 10;8(4):103-14.
27. Shirdel Z, Behzad I, Manafi B, Saheb M. The interactive effect of preoperative consultation and operating room admission by a counselor on anxiety level and vital signs in patients undergoing Coronary Artery Bypass Grafting surgery. A clinical trial study. *Investigación y educación en enfermería*. 2020 Aug;38(2).
28. Mostafayi M, Imani B, Zandi S, Rabie S. Comparing Early Postoperative Maternal Complications in Elective and Emergency Cesarean Sections. *Journal of Midwifery & Reproductive Health*. 2020 Jul 1;8(3).
29. Zandi S, Imani B, Mostafayi M, Rabie S. Prevalence of early maternal complications of cesarean section and its relationship with body mass index in Fatemeh Hospital of Hamadan. *Pajouhan Scientific Journal*. 2020 Jan 10;18(2):52-7.
30. Shirdel Z, Behzad I, Manafi B, Sahebi M. The effect of home care training on anxiety and vital signs levels in coronary artery bypass grafting patients: a

randomized clinical trial. Journal of perianesthesia nursing. 2021 Aug
1;36(4):393-7.