

Seyedpouzhia Shojaei, M.D.

Office: Shohadaye Tajrish Hospital, Shahr-dari St, Tehran, IRAN
Phone: +98-21-22718000-9, Email Address: P.shojaei@sbmu.ac.ir

Professional Summary

Dedicated board-certified physician Anesthesiologist with extensive experience in treating patients in Intensive Care Unit (ICU) including patients with COVID-19 induced respiratory distress

Fellowship trained in Critical Care Medicine

Author of over 50 peer-reviewed research publications

Education

1996 - 2003	Doctorate in Medicine, Tabriz University of Medical Science, Tabriz, Iran Thesis: Study of Risk factors of diabetic foot, Sina Hospital, Tabriz
2007 - 2011	Residency in Anesthesiology, Shahid Beheshti University of Medical Sciences, Tehran, Iran Thesis: Comparison of the effects of propofol and isoflurane on intra ocular pressure in patients undergoing lumbar disk surgeries
2013 - 2015	Clinical Fellowship in Critical Care Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran Thesis: Mini surgical versus standard method in percutaneous dilation tracheostomy

Licensure and Certifications:

Sep 2003	Medical Degree (M.D.), Tabriz University of Medical Sciences, Tabriz, Iran
Sep 2005	Permanent License to practice medicine in Iran
Sep 2011	Board certification in Anesthesiology, Iranian Board of Anesthesiology
Mar 2015	Clinical Fellowship certificate in Critical Care Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Professional Society Memberships and Affiliations:

Member of "Medical Council, I.R.Iran" M.C.NO:95714
Member of "Iranian Critical Care Society" Registration No:115

Work Experience

Present position: President and Chief Executive Officer at the Shohadaye Tajrish Hospital from March 2023

Director of ICU (ward 2), Shohadaye Tajrish Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran, from August 2022

Chief, Artificial Intelligence in Health Research Center, Shahid Beheshti University, from January 2025

Intensivist, Associate Professor, Shohadaye Tajrish Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran, from 2022

Previous positions:

2003 - 2007	General Practitioner, Gorgan, Iran
2007 - 2011	Physician Member of Transplant Team Unit, Masih Hospital, Tehran, Iran
2011- 2013	Anesthesiologist, Imam Khomeini Hospital, Gorgan, Iran, part-time
2012- 2013	Anesthesiologist, Rasool Akram Hospital, Gorgan, Iran, part-time Anesthesiologist, ICU Unit, Shahid Sayyad Shirazi Hospital, Gorgan, Iran, part-time
2015- 2016	Head of ICU, Payambaran Hospital, Tehran, Iran
2016- 2017	Intensivist, Loghman Hakim Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran, part-time
2016- 2018	Intensivist, Farmanieh Hospital, Tehran, Iran, part-time Intensivist, Sassan Hospital, Tehran, Iran, part-time
July 2017-2022	Intensivist, Assistant Professor, Imam Hossein Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran
2022-present	Intensivist, Associate Professor, Shohadaye Tajrish Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Teaching Activities:

2017 – Present	Multiple lectures in the fields of “critical care medicine” and “general anesthesiology” to residents and fellows and anesthesiology technicians, Shahid Beheshti University of Medical Sciences, Tehran, Iran
----------------	--

Awards and Honors:

- Chief Resident, Department of Anesthesiology, 2008-2011
- Multiple Certificates of Appreciation for outstanding care of patients in critical care unit (as intensivist) and operation rooms (as anesthesiologist), 2008 - present
- Top Ranked Academic Certification (received the highest pre-boards exam score) in Medical Board of Anesthesiology, Shahid Beheshti University of Medical Sciences, 2011
- Outstanding Teaching Assistant Award, Shahid Beheshti University of Medical Science, 2012
- Honored and awarded by “ Medical Board of Education in Iran” for service to medical students and residents, 2013
- Awarded for Exemplary Mentoring, Encouragement, and Inspiration for residents and medical students, 2014
- Outstanding Faculty Teaching Award for leadership in teaching and commitment to student success, Shahid Beheshti University of Medical science, 2015 and 2018
- Elected Member, University Faculty Advisory council and Student Development Committee, Shahid Beheshti University of Medical Sciences (2018- present)

- Elected member, Critical Care Committee, Iranian Medical Council- Tehran Branch (2021)

Hospital and University Committees and Services:

Blood Donation Committee, Imam Hossein Hospital, 2021-ongoing
 Infection Control Committee, Imam Hossein Hospital, 2021-ongoing
 Cost Efficiency in Medical Equipment and Drug Usage, Imam Hossein Hospital, 2021-ongoing

Conferences and Seminars

Invited speaker:

- | | |
|------|--|
| 2015 | The 2 nd International Congress of Critical Care Medicine, Tehran, Iran |
| 2015 | CPR seminar, Anesthesiology and Intensive Care Community |
| 2016 | The 3 rd International Congress of Critical Care Medicine, Tehran, Iran |
| 2017 | The 4 th International Congress of Critical Care Medicine, Tehran, Iran |
| 2018 | The 5 th International Congress of Critical Care Medicine, Tehran, Iran |
| 2019 | The 2 nd International Congress of Cardiac Anesthesiology, Tehran, Iran |
| 2019 | The 5 th Annual Conference of Medical Science, Semnan, Iran |
| 2019 | The 6 th International Congress of Critical Care Medicine, Tehran, Iran |
| 2020 | The 7 th International Congress of Critical Care Medicine, Tehran, Iran |
| 2021 | The 1 st Comprehensive National Congress on COVID-19, Non-invasive ventilation in COVID 19, Iranian Medical Council, Tehran, Iran |
| 2023 | The 8 th International Congress of Critical Care Medicine, Tehran, Iran |
| 2024 | The 9 th International Congress of Critical Care Medicine, Tehran, Iran |
| 2024 | The 21 st Iranian Congress on Epilepsy, Tehran, Iran |
| 2024 | The 10 th International congress on Pulmonary Diseases Intensive care and Tuberculosis ,Tehran, Iran |
| 2024 | The 16 th International Congress of Anesthesiology Critical Care and Pain Management , Tehran, Iran |
| 2025 | The 17 th International Congress of Anesthesiology, Critical Care and Pain Management , Tehran, Iran |
| 2025 | The 10 th International Congress of Critical Care Medicine, Tehran, Iran |
| 2025 | The 1 st International Symposium on Artificial Intelligence in Education, Research, Diagnosis and Treatment,Health Products, and Business, Tehran, Iran |

Attended Courses:

- | | |
|------|--|
| 2014 | Symposium of Respiratory Tract Infections, Shahid Beheshti University of Medical Science, Tehran, Iran |
| 2015 | International Congress of Anesthesiology, Intensive Care, and Pain, Tehran, Iran |

- 2015 Symposium for Nutrition, Intensive Care Association, Tehran, Iran
- 2015 Thoracic Anesthesia Conference, Anesthesiology and Intensive Care Community, Tehran, Iran
- 2016 Case-based Mechanical Ventilator Seminar, Tehran University of medical science, Tehran, Iran
- 2016 Congress of Anesthesia, Tabriz University, Tabriz, Iran
- 2016 Sepsis, Iranian Society of Critical Care, Tehran, Iran
- 2016 Conference of Sepsis Management, Intensive Care Community, Tehran, Iran
- 2016 Research Methods, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 2019 "Advances in Assessing and managing Tissue Perfusion and Oxygenation in Critical Care" course, Tehran, Iran
- 2019 2nd Acute Care Experts Symposium, Warsaw, Poland
- 2025 Acute respiratory infections and new treatment methods in critically ill patients, Tehran, Iran
- 2025 the principles of nutrition in Critical care, Tehran, Iran

Professional Development Workshops:

- 2013 Fundamentals of Critical Care Support (FCCS) Course, American Society of Critical Care Medicine (certificate of completion)
- 2013 Dilatation tracheostomy, National Research Institute of Tuberculosis and lung diseases, Iran
- 2013 CPR and ACLS Result, Masih Hospital, Tehran, Iran
- 2016 Ownership of Medical Research Data and Intellectual Property, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2016 Scientific Collaboration in Medical Research – Basics and Rules, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2016 Academic and Professional Ethics, Levels 1& 2, Masih Hospital, Tehran, Iran
- 2016 Intense PUBMED and Internet Search for Medical Literature, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- 2016 Search Strategies in Databases, Shahid Beheshti University of Medical Science, Tehran, Iran
- 2017 Adult Critical Care Ultrasound Course, National Research Institute of Tuberculosis and Lung Disease, Society of Critical Care Medicine (certificate of completion)
- 2017 Management of Conflict of Interest in Medical Universities, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2017 Basics of Curriculum Planning and Mapping, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2017 Modern Teaching Techniques in Medical Sciences, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran

- 2017 Intense PUBMED and Internet Search for Medical Literature, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2017 Scientific Mentoring and Mentorship – Basics, Rules and Policies, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2017 Scientific Writing, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2017 How to write a scientific letter, Clinical Research Development Center, Loghman Hakim Hospital, Tehran, Iran
- 2017 Completed 300 hours of computer skills training “Seven Skills Computer Training –ICDL”, Pars Institute, Tehran, Iran

Research Grants:

- 2021-2022 (00-29397) Research and Technology Center, Shahid Beheshti University of Medical Sciences: A review of the role of SNHG16 lncRNA in the carcinogenic processes - 180,000,000 Rials (~ 650.00 dollars)

Editorial Services:

- | | |
|--|--------------|
| Journal of Medical Council of Iran | 2020-present |
| Iranian Journal of Pharmaceutical Research | 2017-present |
| Journal of Cellular and Molecular Anesthesia | 2018-present |

Publication

1. Mirzaei M, Aryani MR, Barabadi A, **Shojaei SP**, Kish F, Gachkar L, Rabie M, MirKheshti A. " Comparison of the effects of propofol and isoflurane on intra ocular pressure in patients undergoing lumbar disk surgeries. " Iranian Journal of Anesthesiology and Critical Care , no. 73-74 (2011): 72-65
2. Mirkheshti A, Aryani MR, **Shojaei SP**, Dabbagh A. "The Effect of Adding Magnesium Sulfate to Lidocaine Compared with Paracetamol in Prevention of Acute Pain in Hand Surgery Patients under Intravenous Regional Anesthesia (Ivra)." International journal of preventive medicine 3, no. 9 (2012).
3. Mirkheshti A, **Shojaei SP**, Mohammad Rabei H, Mirzaei M, Jabbary Moghaddam M. "Comparison of Propofol and Isoflurane Effects on Intraocular Pressure in Patients Undergoing Lumbar Disc Surgery," poster presented, abstract published in British Journal of Anesthesia, 2012
4. Najafizadeh K, Ghobadi O, Ghorbani F, Shafaghi S, Badiozzaman R, **Shojaei SP**, Khoddami Vishteh HR. "Transfer Protocol of Brain-Dead Patients to Specialized Donor Management Unit." Transplantation 94, no. 1 (2012): e6-e8.
5. Kamani F, Najafi A, Mohammadi SS, Tavassoli S, **SP Shojaei**. "Correlation of Biochemical Markers of Primary Hyperparathyroidism with Single Adenoma Weight and Volume." Indian Journal of Surgery 75, no. 2 (2013): 102-05.
6. Hashemian R, Ghahramani M, Kalantar S, Mirhoseini O, **Shojaei SP**, Movaffaghi M, Mohajerani SA, Jamaati HR. "Mini Surgical Versus Standard Method in Percutaneous Dilation Tracheostomy." In critical care medicine congress, abstracts, A1623: Wolters Kluwer, (2014).
7. Bashar FB, Vahedian-Azimi A, Hajiesmaeili MR, Salesi M, Farzanegan B, **Shojaei SP**, Goharani R, Madani SJ, Moghaddam KG, Hatamian S, Moghaddam SJ, Mosavinasab S, Elamin EM, Mille AC." Post-ICU psychological morbidity in very long ICU stay patients with ARDS and delirium".Journal of Critical Care,volume43,(2018),88-94

8. Bashar FR, Vahedian-Azimi A, Salesi M, Hajiesmaeili MR, **Shojaei SP**, Farzanegan B, Goharani R, Madani SJ, Moghaddam KG, Hatamian S, Moghaddam SJ, Arrascaeta-Llanes A, Miller AC." Spiritual health and outcomes in Muslim ICU patients: A nationwide cross-sectional study".Journal of Religion and Health,volume57,(2018),2241-2257
9. Haji Aghajani M, Kobarfard F, **Shojaei SP**, Ahmadpour F, Safi O, Kazemina N, Zarepishe N, Sistanizad M." The Impact of Clopidogrel Resistance on Clinical Outcome of Iranian Patients Undergoing Percutaneous Coronary Intervention". Iranian journal of pharmaceutical research: IJPR,volume17(2018),page:1099
10. Hajiesmaeili MR, choudhari A, Shokouhi S, Rahimi Bashar F, Vahedian Azimi A, **shojaei SP**, Fathi M, Goharani R, Sahraei Z." Is Low Incidence Rate of Ventilation Associated Pneumonia Associated with Lower Mortality? A Descriptive Longitudinal Study in Iran". Tanaffos,volume17(2018),110-116
11. Mosaed R, Haghighi M, Kouchak M, Miri MM, Salarian S, **Shojaei SP**, Javadi A, Taheri S, Nazirzadeh P, Foroumand M, Sistanizad M." Interim study: comparison of safety and efficacy of Levofloxacin plus colistin regimen with Levofloxacin plus high dose ampicillin/sulbactam infusion in treatment of ventilator".Iranian journal of pharmaceutical research: IJPR,volume17(2018),206
12. Tomdio A, Miller AC, Bashar FR, Vahedian-Azimi A, Farzanegan B, Goharani R, **Shojaei SP**, Hatamian S, Mosavinasab SM, Khoshfetrat M, Khatir MA." Comparison of non-invasive to invasive oxygenation ratios for diagnosing acute respiratory distress syndrome following coronary artery bypass graft surgery: a prospective study" Journal of Cardiothoracic Surgery,volume13(2018)
13. Rahimi Bashar F, Doosti Z, Choudhari A, Shokouhi Sh, Torabian S, Sahraei Z, **Shojaei SP**, Fathi M, Goharani R, Hajiesmaeil MR." Bacteriologic evaluation of ventilator-associated pneumonia according to stress related mucosal disease prophylaxis in the intensive care unit".Archives of Clinical Infectious Diseases,volume13(2018)
14. Goharani R, Vahedian-Azimi A, Farzanegan B, Bashar FR, Hajiesmaeili MR, **Shojaei SP**, Madani SJ, Gohari-Moghaddam K, Hatamian S, Mosavinasab SM, Khoshfetrat M, Khabiri Khatir MA, Miller AC." Real-time compression feedback for patients with in-hospital cardiac arrest: a multi-center randomized controlled clinical trial." journal of intensive care,volume7(2019)
15. Sistanizad M, Saffaei A, **Shojaei SP**. Comment on "The Effect of Nitroglycerine Infusion on Postoperative Pain in Lower Limb Surgery: A Clinical Double-Blind Study". Anesthesiology and Pain Medicine, volume 9(2019), e98592
16. Pourheidar E, Haghighi M, Kouчек M, Miri MM, **Shojaei SP**, Salarian S, Hassanpour R, Sistanizad M." Comparison of Intravenous Ampicillin–sulbactam Plus Nebulized Colistin with Intravenous Colistin Plus Nebulized Colistin in Treatment of Ventilator Associated Pneumonia" Iranian Journal of Pharmaceutical Research: IJPR,volume18(2019),269
17. Goharani R, Vahedian-Azimi A, Galal IH, Cordeiro de Souza L, Farzanegan B, Bashar FR, Vitacca M, **Shojaei SP**, Mosavinasab SM, Takaki S, Miller AC. "A rapid shallow breathing index threshold of 85 best predicts extubation success in chronic obstructive pulmonary disease patients with hypercapnic respiratory failure".Journal of thoracic disease,volume11(2019),1223
18. Farzanegan B, Elkhatib HM, Elgazzar AE, Moghaddam KG, Torkaman M, Zarkesh MR, Goharani R, Bashar FR, Hajiesmaeili MR, **Shojaei SP**, Madani SJ, Vahedian-Azimi A, Hatamian S, Mosavinasab SM, Khoshfetrat M, Khatir AK, Miller AC." Impact of religiosity on delirium severity among critically ill Shi'a muslims: a prospective multi-center observational study".Journal of Religion and Health(2019),page:1-25
19. **Shojaei SP**, Kouчек M, Miri MM, Salarian S, Sistanizad M, Ariana S, Hosseini MS, Shoaee S, Haghighi M, Nabavi M, Farahbakhsh M, Ansar P, Mirhadi MS, Hadavand F." Twin pregnant woman with COVID-19: a case report." Journal of Cellular & Molecular Anesthesia,volume 5(2020),43-46

20. Ziaie S, Koucheck M, Miri MM, Salarian S, **Shojaei SP**, Haghighi M, Sistanizad M." Review of therapeutic agents for the treatment of COVID-19." *Journal of Cellular & Molecular Anesthesia*, volume 5(2020),32-36
21. Ahmadpour F, Kouchak M, Miri MM, Salarian S, **Shojaei SP**, Ramezanzadeh K, Rezapour P, Sistanizad M." Impact of a High-protein Nutritional Intake on the Clinical Outcome of the Neurocritical Patients".*Iranian Journal of Pharmaceutical Research: IJPR*, volume 19(2020),264
22. Mohammadi Tofigh A, **Shojaei SP**, Zebarjadi Bagherpour J, Mirkheshti A, Tahmasebi H." Pneumothorax as an Ominous Side Effect in COVID-19 Patients under Mechanical Ventilation: Report of Seven Patients".*Journal of Cellular and Molecular Anesthesia*(2020),202-205
23. Ziaee AM, Dabbagh A, Elyassi H, Sabouri S, Vahidshah K Abtahi D, Aghamohammadi H, Sadat Ahmadizadeh N, Ardehali SH, Arefian NM, Azizi-Farsani H, Behnaz F, Dabir S, Dadkhah P, Dahi M, Ebrahimi Dehkordy M, Eghbali A, Fadaizadeh L, Fani K, Fathi M, Farzanegan B, Ghahremani M, Gharaei B, Ghasemi M, Goharani R, Hashemi SM, Hashemian SM, Jaffari A, Jahangiri Fard A, Jelveh-Moghadam HA, Hajiesmaeili MR, Hoseini B, Kamranmanesh MR, Khorasanizadeh S, Kouчек M, Kouzekanani H, Massoudi N, Mahdavi A, Memary E, Mirkheshti A, Miri MM, Mohseni G, Momenzadeh S, Mosaffa F, Moshari MR, Mottaghi K, Nashibi M, Nooraei N, Nouri H, Parsa T, Poor Zamany M, Kermany N, Radpay B, Razavi SJ, Roodneshin F, Sadeghi A, Safari F, Salarian S, Salimi A, Salimi S, Sayyadi S, Sezari P, **Shojaei SP**, Tabashi S, Taheri M, Tajbakhsh A, Teymourian H, Vosoghian M. "The Role of Integrative Educational Intervention Package (Monthly ITE, Mentoring, Mocked OSCE) in Improving Successfulness for Anesthesiology Residents in the National Board Exam". *Anesthesiology and Pain Medicine*, volume 10(2020)
24. Dabbagh A, Sezari P, Tabashi S, Tajbakhsh A, Massoudi N, Vosoghian M, Moshari MR, Jaffari A, Nooraei N, Sabouri AS, **Shojaei SP**, Salarian S ." Attitudes of Anesthesiology Residents Toward a Small Group Blended Learning Class".*Anesthesiology and Pain Medicine*, volume 10(2020)
25. Hantoushzadeh S, Shamshirsaz AA, Aleyasin A, Seferovic MD, Kazemi Aski S, Arian SE, Pooransari P, Ghotbizadeh F, Aalipour S, Soleimani Z, Naemi M, Molaei B, Ahangari R, Salehi MR, Dabiri Oskoei A, Pirozan P, Faraji Darkhaneh R, Gharib Laki M, Karimi Farani A, Atrak S, Miri MM, Kouчек M, **Shojaei SP**, Hadavand F, Keikha F, Sadat Hosseini M, Borna S, Ariana S, Shariat M, Fatemi A, Nouri B, Nekooghadam, Kjersti Agaard SM. "Maternal death due to COVID-19." *American journal of obstetrics and gynecology*, volume 223(2020): 109. e1-109. e16
26. Moradi O, **Shojaei SP**, Kouчек M, Miri MM, Salarian S, Sistanizad M." Interleukin-1 receptor antagonist in the treatment of COVID-19 induced cytokine storm". *Journal of Cellular & Molecular Anesthesia*, volume 5(2020)
27. Pourheidar E, Hassanpour R, Haghighi M, **Shojaei SP**, Kouchak M, Miri MM, Salarian S, Sistanizad M." Description of an effective treatment regimen for ventilator-associated pneumonia due to pandrug-resistant *Providencia*: a case report". *Pneumologia*, volume 69(2020),53-56
28. Jamaati HR, Fadaizadeh L, Khoundabi B, Hashemian SM, Monjazabi F, Jahangirifard A, Beigmohammadi MT, Farzanegan B, **Shojaei SP**, Tabarsi P, Dastan F, Nadji AR, Pourabdollah Toutkaboni M, Malekmohammad M, Mohamadnia A, Mortaz E, Mirenayat M, Yassari F, Heshmatnia J, Eslaminejad A, Velayat AA." COVID-19-Related severe heterogeneous acute respiratory distress syndrome: A therapeutic challenge". *Biomedical and Biotechnology Research Journal (BBRJ)*, volume 4(2020),75
29. Dabbagh A, Abtahi D, Aghamohammadi H, Ahmadizadeh SN, Ardehali SH, Abtahi D, Aghamohammadi H, Sadat Ahmadizadeh N, Ardehali SH, Arefian NM, Azizi-Farsani H, Behnaz F, Dabir S, Dadkhah P, Dahi M, Ebrahimi Dehkordy M, Eghbali A, Fadaizadeh L, Fani K, Fathi M, Farzanegan B, Ghahremani M, Gharaei B, Ghasemi M, Goharani R, Hashemi SM, Hashemian SM, Jaffari A, Jahangiri Fard A, Jelveh-Moghadam HA, Hajiesmaeili MR, Hoseini B, Kamranmanesh MR, Khorasanizadeh S, Kouчек M, Kouzekanani H, Massoudi N, Mahdavi A, Memary E, Mirkheshti A,

- Miri MM, Mohseni G, Momenzadeh S, Mosaffa F, Moshari MR, Mottaghi K, Nashibi M, Nooraei N, Nouri H, Parsa T, Poor Zamany M, Kermany N, Radpay B, Razavi SJ, Roodneshin F, Sadeghi A, Safari F, Salarian S, Salimi A, Salimi S, Sayyadi S, Sezari P, **Shojaei SP**, Tabashi S, Taheri M, Tajbakhsh A, Teymourian H, Vosoghian M. Relationship Between "Simulated Patient Scenarios and Role-Playing" Method and OSCE Performance in Senior Anesthesiology Residents: A Correlation Assessment Study". *Anesthesiology and Pain Medicine*, volume 10(2020)
30. Sistanizad M, Kouчек M, Miri MM, Salarian S, **Shojaei SP**, Moeini Vasegh F, Seifi Kafshgari H, Qobadighadikolaei H." High dose vitamin D improves total serum antioxidant capacity and ICU outcome in critically ill patients-A randomized, double-blind clinical trial". *European Journal of Integrative Medicine*, volume 42(2021),101271
 31. Ghafouri-Fard S, Khoshbakht T, Taheri M, **Shojaei SP**. "A review on the role of SNHG16 lncRNA in the carcinogenic processes ".*Frontiers in Cell and Developmental Biology*, volume 9(2021):2720
 32. Hassanpour R, Ziaie S, Kobarfard F, Kouчек M, Miri MM, Ahmadi Koomleh A, **Shojaei SP**, Salarian S, Pourheidar E, Nezarat F, Sistanizad M. "Evaluation of pharmacokinetic and pharmacodynamic parameters of meropenem in critically ill patients with acute kidney disease".*European Journal of Clinical Pharmacology*. volume 77(2021),831-840
 33. Goharani R, Ghasemi A, Hajiesmaeili MR, Banar S, Alibabaei A, **Shojaei SP**, Dosara M, Shafigh N, Nateghinia S. "Determining the Factors Leading to Reoperations in the (Trauma) Intensive Care Unit of Neurosurgery of Loghman Hakim Hospital to Improve the Quality".*Journal of Safety Promotion and Injury Prevention*, volume 9(2021)
 34. Ghafouri-Fard S, Khoshbakht T, Taheri M, **Shojaei SP**. "A review on the role of SPRY4-IT1 in the carcinogenesis ".*Frontiers in Oncology*, volume 11(2022)
 35. Amir Behnam Kharazmi, Omid Moradi, Mehrdad Haghighi, Mehran Kouчек, Alireza Manafi-Rasi, Masoomeh Raoufi, Simin Dokht Shoaee, Fahimeh Hadavand, Mahmood Nabavi, Mir Mohammad Miri, Sara Salarian, **Shojaei SP**, Shayesteh Khalili, Mohammad Sistanizad, Setayesh Sadeghi, Amirhossein Karagah, Saemeh Asgari, Morteza Jaffaraghaei, Shahram Araghi." A randomized controlled clinical trial on efficacy and safety of anakinra in patients with severe COVID-19". *Immunity, Inflammation and Disease*(2022)
 36. Soudeh Ghafouri-Fard, Tayyebeh Khoshbakht, Bashdar Mahmud Hussen, Mohammad Taheri, **Seyedpouzhia Shojaei**." A review on the role of MEG8 lncRNA in human disorders". *Cancer Cell International*(2022)
 37. Ramin Tolouian, Rezvan Hassanpour, Mohammad Sistanizad, Mehran Kouчек, Mir Mohammad Miri, Sara Salarian, **Seyedpouzhia Shojaei**, Elham Pourheidar ." Using Two Predictor Scoring Systems Together to Increase the Chance of Identifying the Augmented Renal Clearance Phenomenon: A Cross-sectional Study". *Iranian Journal of Kidney Diseases*(2022)
 38. Zahra Shahmoradi, Majid Malekmohammad, Ghazal Najafi, Jalal Heshmatnia, Habib Emami, Seyed Hossein Ardehali, **Seyedpouzhia Shojaei**, Seyed MohammadReza Hashemian." Prognostic value of platelet to lymphocyte ratio (PLR) and neutrophil to lymphocyte ratio (NLR) in patients with pulmonary hypertension". *Tanaffos*(2022)
 39. Maryamsadat Hosseini, Farah Farzaneh, Mahsa Mirhadi, Seyed Ali Akbar Mahdavi Anari, Ladan Ajori, Saghar Salehpour, Tayebah Jahed Bozorgan, Parichehr Pooransari, Shideh Ariana, Minoo Yaghmaei, Behnaz Nouri, Shahrzad Zadehmodarres, Sedighe Hosseini, Mehrdad Haghighi, Mir Mohammad Miri, **Seyedpouzhia Shojaei**, Ali Reza Mirkheshti, Dariush Abtahi, Tannaz Valadbeigi." COVID-19 infection in Iranian pregnant women: a case series of 25 patients". *Journal of Obstetrics, Gynecology and Cancer Research*(2022)
 40. Mehran Kouчек, Niloufar Taherpour, Mirmohammad Miri, Roja Asadpour, Fatemeh Ilbeygi, **Seyed Pouzhia Shojaei**, Mohammad Sistanizad." The evaluation of the awareness level of patients with

hemorrhagic stroke about their hypertension possibility and use of antihypertensive drugs". Tehran University of Medical Sciences Journal(2022)

41. Mohammad Taheri, Bashdar Mahmud Hussien, Snur Rasool Abdullah, Soudeh Ghafouri-Fard, Elena Jamali, **Seyedpouzhia Shojaei**. "Dysregulation of non-coding RNAs in Wilms tumor". Pathology-Research and Practice(2023)
42. Mohammad Sistanizad, Tahereh Sabaghian, Hossein Amini, Fahimeh Hadavand, Mahmood Nabavi, Mehran Kouчек, Mir Mohammad Miri, Sara Salarian, **Seyedpouzhia Shojaei**, Omid Moradi." Sinopharm (HB02)-associated vaccine-induced immune thrombotic thrombocytopenia: a case report". Journal of Medical Case Reports(2023)
43. Mehran Kouчек, **Seyedpouzhia Shojaei**, Saied Amniati, Mehran Ghaffari, Sara Salarian, Mir Mohammad Miri, Niloufar Taherpour, Farnoosh Masbough, Mohammad Sistanizad." Effect of High-dose Vitamin D on IL-1 β Blood Level in Patients with Moderate Stroke: A Randomized Clinical Trial". Anesthesiology and Pain Medicine(2023)
44. **Seyedpouzhia Shojaei**, Mohammad Torabi, Mohammad Sistanizad, Mehran Kouчек, Mir Mohammad Miri, Sara Salarian, Padideh Ansar." Oral Melatonin for Colistin-induced Nephrotoxicity Reduction in Intensive Care Unit: A Randomized Placebo Controlled Clinical Trial". Nephro-Urology Monthly(2023)
45. Arman Hasanzade, Ehsan Alibeigi, Fariba Ghorbani, Ali Khalili, **Seyed Pouzhia Shojaei**, Masoud Jamali, Masoud Zangi, Mahdi Amirdosara, Mojtaba Mohber Dezfouli." Toxicity and Poisoning-Related Brain Death: A Critical Risk Factor for Pre-Recovery Cardiac Death in Donors". International Journal of Organ Transplantation Medicine(2023)
46. Mohammad Sistanizad, Sara Salarian, Mehran Kouчек, **Seyedpouzhia Shojaei**, MirMohammad Miri, Farnoosh Masbough." Effect of calcitriol supplementation on infectious biomarkers in patients with positive systemic inflammatory response: A Randomized Controlled Trial". Annals of Medicine and Surgery(2024)
47. Amirhossein Nafari, **Seyedpouzhia Shojaei**, Reza Jalili Khoshnood, Mahsa Ghajarzadeh, Arash Tafreshinejad, Saeid Safari, Omid Mirmosayyeb." Myasthenia Gravis and COVID-19: A Systematic Review and Meta-analysis". Basic and Clinical Neuroscience(2024)
48. Morteza Foroumandi, **Seyedpouzhia Shojaei**, Batoul Khoundabi, Farin Rashid Farokhi, Mehrdad Bakhshayesh Karam, Ahsina Jahan Lopa, Hasan Safdari, Ranajit Chatterjee, Seyed Mohammad Reza Hashemian." Sonography Guided Evaluation of Hemodynamic Indices in Critically Ill Patients Suffering from AKI during CRRT". Tanaffos(2024)
49. Mehran Kouчек, Niloufar Taherpour, Mahya Farasat, Mirmohammad Miri, Sara Salarian, **Seyedpouzhia Shojaei**, Rezvan Hassanpour, Hossein Amini, Mohammad Sistanizad." The Effect of Vitamin D3 on Serum Creatine Phosphokinase Level in Patients with Multiple Trauma: A Pilot Randomized Clinical Trial". Iranian Journal of Medical Sciences(2025)
50. Mohammad Sistanizad, Sara Salarian, Samin Salehijazi, Niloufar Taherpour, Mehran Kouчек, Mir Mohammad Miri, **Seyed Pouzhia Shojaei**, Saeed Mohammad Soleymani." Evaluating the Effect of Hypertonic Saline in Critically Ill Patients with Generalized Edema: A Randomized, Open-Label, Blinded Outcome Clinical Trial". Journal of Reports in Pharmaceutical Sciences(2025)
51. Padideh Ansar, Gholamreza Mohseni, Faranak Behnaz, Malihe Abniki, **Seyed Pouzhia Shojaei**, Hamideh Ariannia, Houman Teymourian, Hamidreza Azizi Faresani." Jugular Venous Oxygen

Saturation (SjvO₂) vs. Cerebral Pulse Oximetry in Traumatic Brain Injury (TBI): A Systematic Review". Journal of Cellular & Molecular Anesthesia(2025)

52. Saraa Salarian, **Seyed Pouzhia Shojaei**, Mehran Kouчек, Mir Mohammad Miri, Mohammad Sistanizad, Amin Sahranavard, Tahere Sorbi." Correlation of High Dose of Vitamin D₃ with Increased Hemoglobin in Patients under Mechanical Ventilation in Medical ICU". Journal of Chemical Health Risks(2025)
53. Padideh Ansar, Neda Tadjeddin, Hamideh Ariannia, Faranak Behnaz, **Seyedpouzhia Shojaei**." Accidental Intrathecal Injection of Atracurium During Spinal Anesthesia: A Case Report". Archives of Anesthesiology and Critical Care(2025)
54. Mir Mohammad Miri, Mehran Kouчек, Sara Salarian, Mohammad Sistanizad, Tahereh Sorbi, Reza Eslamian, **Seyed Pouzhia Shojaei**." Impact of High-Protein Enteral Feeding on Skeletal Muscle Mass Changes in Critically Ill Patients: A Randomized Controlled Trial". Medical Journal of the Islamic Republic of Iran(2025)

Book Chapters and Translation:

Translated "chapters 48,49,51,54 and 55" in: Textbook of Critical Care, 7th edition, Rumi Publishing, 2017(English

to Persian).

Handbook of "Resuscitation with fluids, blood, and blood products in obstetrics hemorrhage, Member of expert panel selected by Iranian Ministry of Health, 2018

Question and answer series for anesthesiology and critical care board preparation, Artin Teb, 2015-2019

Skills

Language skills

- English: Fluent
- Persian: Native

Computer skills: Word, excel, powerpoint, access

Research interest

- Critical care
- Regional Anesthesia
- Neurosurgery Critical Care
- Anesthesiology
- Pain management

Hobbies, Interests, and Activities

Basketball, football, music