

## *Curriculum Vitae*

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### *Professor Alireza Zali*



#### PERSONAL INFORMATION

- ❖ **Birth date:** 25 March 1964
- ❖ **Gender:** Male
- ❖ **Nationality:** Iranian
- ❖ **Phone:** +9821-2272-4214
- ❖ **Email:** [dr\\_alirezazali@yahoo.com](mailto:dr_alirezazali@yahoo.com)
- ❖ **ORCID:** <https://orcid.org/0000-0002-2298-2290>
- ❖ **Scopus Author ID:** [23011000500](https://orcid.org/0000-0002-2298-2290)
- ❖ **LinkedIn:** [Alireza Zali | LinkedIn](#)
- ❖ **H-Index:** 26

#### EDUCATION:

✓ Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran (2005)  
(2<sup>nd</sup> rank of Medical School in Iran)

- *Fellowship of Stereotaxic*

✓ Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran (1989-1994)  
(2<sup>nd</sup> rank of Medical School in Iran)

- *Neurosurgery Specialty and Board Certified*
- **Thesis Title:** Microvascular decompression in patients with trigeminal neuralgia and hemifacial spasm  
(Thesis mark = 20 out of 20)
- **Supervisor:** Professor Seyed Mahmoud Tabatabaei Far

The 3<sup>rd</sup> place at Examination of promotion from 1 to 2 (1990).  
 The 1<sup>st</sup> place at Examination of promotion from 2 to 3 (1991)  
 The 1<sup>st</sup> place at Examination of promotion from 3 to 4 (1992).  
 The 1<sup>st</sup> place at Examination of promotion from 4 to 5 (1993).  
 The 1<sup>st</sup> place and the highest grade at **National** Board certificate examination (1994).

✓ Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran (1982-1988)  
**(2<sup>nd</sup> rank of Medical School in Iran)**

- **Medical Doctor**, Doctorate certificate in Medicine
- **Thesis Title:** Chronic Pain  
 (GPA: 17.64, Thesis mark = 19 out of 20)
- **Supervisor:** Dr. Farzin Borzouyeh

#### **AWARDS AND HONORS:**

1. Being listed among the top 2% of scientists worldwide in 2022 by Stanford University based on six indicators of the Scopus database (2022)
2. Ranked 3<sup>rd</sup> among more than 500,000 participants in Iranian universities entrance exam in natural sciences field). Iranian universities entrance exam known as Concours are held every year to seek qualified student for government funded higher education) (1982)
3. Ranked 1<sup>st</sup> in the country in the Neurosurgery promotion and board exam (1994)
4. Top Faculty Member with highest achieved score of promotion in Shahid Beheshti University of Medical Sciences (2012)
5. Top Organization in the Management of the Fight against Coronavirus Disease at 22<sup>nd</sup> Shahid Rajaee Festival of Tehran Province (September 2020)
6. Excellent Badge and Statue of Top Chosen Persons in Medical Society of the Iran Medical Council (March 15, 2021). This award is the highest award of the Iranian Medical System Organization.
7. Excellent Award and Ambassador Badge of Social Responsibility (1st Festival of Public Relations and Social Responsibility- October 18, 2021)
8. Sultanate of Oman Excellent Award for Health Services During Crisis at International Hospital Federation Awards (IHF), Barcelona, Spain (2021)

## WORK EXPERIENCE:

### - INDUSTRY EXPERIENCE:

❖ **Jan 2020- Present**

❖ **Position: Head of Coronavirus Combat Task Force at the Tehran Province**

❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran

❖ **2019- 2025**

❖ **Position: Chancellor of Shahid Beheshti University of Medical Sciences (SBMU)**

❖ **Employer:** Iranian Health Minister, Tehran, Iran

❖ **2018- Present**

❖ **Position: Secretary of the National Neurosurgery Board**

❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran

❖ **2017 and 2018**

❖ **Position: Chairman of the Specialized Committee of Clinical Sciences of Razi Medical Sciences Research Festival**

❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran

❖ **2013- 2017**

❖ **Position: President of Iran Medical Council**

❖ **Employer:** President of Iran and Ministry of Health and Medical Education, Tehran, Iran

❖ **2009- Present**

❖ **Position: Vice President of the National Medical Law Association**

❖ **2009- Present**

❖ **Position: Advisor to the Health and Medicare Committee of the Iranian Parliament**

❖ **Employer:** Health and Medicare Committee of Iranian Parliament, Tehran, Iran

❖ **2008- 2011**

❖ **Position: Deputy Head of the Iran Medical Council**

❖ **Employer:** Iran Medical Council, Tehran, Iran

❖ **2005- 2012**

❖ **Position: Chairman of the Commission for Tariff and Economics of Treatment of the Iran Medical Council**

❖ **Employer:** Iran Medical Council, Tehran, Iran

- ❖ **2005- 2008**
- ❖ **Position: Chancellor of Shahid Beheshti University of Medical Sciences (SBMU)**
- ❖ **Employer: Iranian Health Minister, Tehran, Iran**

- ❖ **2003- 2007**
- ❖ **Position: Secretary of the Neurosurgery Commission of the Forensic Medicine Organization**
- ❖ **Employer: Iranian legal medicine organization, Tehran, Iran**

- ❖ **2003- 2004**
- ❖ **Position: Advisor to the Chief Forensic Medicine of Iran**
- ❖ **Employer: Iranian legal Medicine organization, Tehran, Iran**

- ❖ **1997- 1998**
- ❖ **Position: Advisor to the President of the Iran Medical Council**
- ❖ **Employer: Iran Medical Council, Tehran, Iran**

- ❖ **1996-Present**
- ❖ **Position: Neurosurgeon /Member of Directors Board**
- ❖ **Employer: Iranmehr Hospital, Tehran, Iran**

- ❖ **1994- Present**
- ❖ **Position: Private Neurosurgery Office**
- ❖ **Employer: *by my own*, Tehran, Iran**

- ❖ **1993- 1994**
- ❖ **Position: Vice Chancellor for Culture**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

- ❖ **1992- 1993**
- ❖ **Position: Advisor to the Chancellor**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

#### **- ACADEMIC EXPERIENCE:**

- ❖ **Jul 2024- Present**
- ❖ **Position: Founder and President of Research Institute of Functional Neurosurgery (RIFN)**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**
- ❖ **Jul 2023- Present**

- ❖ **Position: Founder and President of Network of Neurosurgery and Artificial Intelligence (NONAI) Interest Group**
- ❖ **Employer:** Universal Scientific Education and Research Network (USERN)
  
- ❖ **2016- Present**
- ❖ **Position: Founder and President of Shohada Tajrish Comprehensive Neurosurgical Center of Excellence (STNCE)**
- ❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran
  
- ❖ **2008- Present**
- ❖ **Position: Founder and President of Functional Neurosurgery Research Center (FNRC)**
- ❖ **Employer:** Shahid Beheshti University of Medical Sciences, Tehran, Iran
  
- ❖ **2006- Present**
- ❖ **Position: Chief of Iranian Medical Proteomics Association**
- ❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran
  
- ❖ **2005- Present**
- ❖ **Position: Professor of the Department of Neurosurgery**
- ❖ **Employer:** Shahid Beheshti University of Medical Sciences, Tehran, Iran
  
- ❖ **2001- 2005**
- ❖ **Position: Assosiated Professor of the Department of Neurosurgery**
- ❖ **Employer:** Shahid Beheshti University of Medical Sciences, Tehran, Iran
  
- ❖ **2000-Present**
- ❖ **Position: Head of Neurosurgery Ward**
- ❖ **Employer:** *Shohada Tajrish Hospital*, Tehran, Iran
  
- ❖ **1994- 2001**
- ❖ **Position: Assistant Professor of the Department of Neurosurgery**
- ❖ **Employer:** Shahid Beheshti University of Medical Sciences, Tehran, Iran
  
- ❖ **1994-2001**
- ❖ **Position: Head of Neurosurgery Ward**
- ❖ **Employer:** *Mofid Children's Hospital*, Tehran, Iran

#### **PATENTS:**

1. Anti-coronavirus intranasal mask, [WO2022070217A2](#). Issued Apr 7, 2022
2. Dually-oriented highly porous nanofibrous nerve guide conduits, [WO2021250440A1](#). Issued Dec 16, 2021
3. Clamped Oropharyngeal Airway, IR103704. Issued Feb 11, 2021

4. **Intranasal mask for COVID-19**, IR103293. Issued Dec 27, 2020
5. **Guide of Spinal Screw**, IR93230. Issued Aug 16, 2017
6. **Disposable cold light retractor to detect adequate vision of out-of-reach points in surgery**, IR84607. Issued Dec 24, 2014
7. **Diaphragmatic Collimator of Stereotactic Radiosurgery (DCSR)**, IR45822. Issued Jan 29, 2008

## PUBLICATIONS

### - BOOKS:

1. **Alireza Zali**, Afsoun Seddighi, Amir Saied Seddighi, Mahsa Ghadirian, Davood Ommi, Erfan Ghadirian. *Basic Neurosurgery Techniques: Especially for Assistants*. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2024.
2. **Alireza Zali**, Amir Saied Seddighi, Davood Ommi, Afsoun Seddighi, Mozghan Ghadirian, Mahsa Ghadirian, Seyed Mahmoud Tabatabaei. *History of Women in Neurosurgery*. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2024.
3. **Alireza Zali**, Afsoun Seddighi, Amir Saied Seddighi, Mahsa Ghadirian, Davood Ommi, Mozghan Ghadirian, Seyed Mahmoud Tabatabaei. *History of Origin and Development of Surgical Treatments in Central Nervous System Diseases*. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2024.
4. **Zali Alireza**, Ghomian, Zohreh, Karampourian, Arezou, Dehghani, Arezou, Pirani, Davoud, Eskandari, Zahra. *Public Health for Mass Gatherings: Key Considerations*. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023.
5. **Zali Alireza**, Abbasi Mahmoud, Petoft Arian. *Neurological Criminal Law (Criminal Jurisdiction)*. Sina Publishing, 2023. ISBN: 978-622-7932-26-3.
6. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Somayeh Niknazar, Safari Saeid, Akbari Setareh. *Drugs, Treatment and Introduction of COVID-19 Vaccines*. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-54-5.
7. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Safari Saeid, Akbari Setareh. *Home Care, Vitamins, Smoking, Pets, Rules for Reopening Schools and Universities During the Coronavirus Epidemic*. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-50-7.
8. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Safari Saeid, Akbari Setareh, Niknazar Somayeh. *Researches Conducted on COVID-19 Vaccines and Researches on*

the Effects of Corona Vaccines on Children, Teenagers and Pregnant Women. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-52-1.

9. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Safari Saeid, Akbari Setareh, Niknazar Somayeh. COVID-19 in Men, Women, Children and During Pregnancy. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-51-4.
10. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Rahmati Roodsari Sara, Akbari Setareh. Genetics and the Effect of Covid-19 on Different Organs (Smell and Taste, Skin, Overweight and Obesity, Eyes, Blood and Vessels). Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-33-0.
11. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Rahmati Roodsari Sara, Akbari Setareh. Complications of covid-19, Its Effect on Nerves, Brain, Heart and Underlying Diseases. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-32-3.
12. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Covid-19 and Immune System .Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 9786225946040.
13. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Recognition and Understanding Covid-19, Symptoms and Long Covid. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-02-6.
14. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Transmission Modes of Coronavirus, Prevention Methods and Using Mask .Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-03-3.
15. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Introduction to Coronavirus, Origin, Mutations, Variants and Evolution. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-94571-6-0.
16. **Zali Alireza**, Afshar, Leila, Anjo, Seyed Ali, Bazmi, Shabnam, Fadavi, Mohsen, Kiani, Mehrzad. Resolving Ethical Dilemmas: A Guide for Clinicians, Sixth Edition. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-5946-26-2.
17. **Zali Alireza**, Seddighi Afsoun, Nikouei Amir, Seddighi Amir Saied, Ommi Davood, Arjmand Yasaman. Spinal Column and Spinal Cord Emergencies. Shahid Beheshti

University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-56-7.

18. Seddighi Afsoun, Seddighi Amir Saied, **Zali Alireza**, Ghadirian Mahsa, Ommi Davood, Hosseini Morteza. Role of Endovision System in Neurosurgery. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-7595-63-5.
19. **Zali Alireza**, Farahbakhsh Mohammad, Emami Hasan, Piri Hassan. Development of a 5-Year Strategic Plan (Document) (1400-1404) of Shahid Beheshti University of Medical Sciences. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021.
20. Seddighi Afsoun, Seddighi Amir Saied, **Zali Alireza**, Ghadirian Mahsa, Ommi Davood, Ghorbani Jahangir, Nilipour Yalda, Masoudian Nooshin. Surgical and Nonsurgical Treatments for Clival Chordoma. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-67-3.
21. Oraee Yazdani Saeed, Bastar Javad, Pazoki Abdolreza, Hosseini Saeed, Hosseini Shirin, **Zali Alireza**. Enhanced Recovery After Surgery (ERAS). Anateb Publications, 2021. ISBN: 978-622-7877-07-6.
22. Akbari Setareh, **Zali Alireza**, Oraee Yazdani Saeed, Shahmohammadi Mohammadreza, Moafi Fahimeh, Jalili Khoshnoud Reza, Safari Saeid, Rahimzadegan Milad. Spinal Tumors: A Treatment Guide for Patients and Family. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-48-2.
23. **Zali Alireza**, Afsoun Seddighi, Seddighi Amir Saied, Ommi Davood, Jamshidi Shiva, Rahimi Baqdashti Hesam. The Effects of Aviation on the Central Nervous System. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-50-5.
24. **Zali Alireza**, Bahadori Ayad, Zarghi Afshin, Maher Ali, Sharif kashani Babak. Post-Corona Empiricism. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-60-4.
25. **Zali Alireza**, Piri Hasan, Mohammadi Gohar, Faraji Masoumeh, Niyati Atefeh. Analytical Report of Health Justice Indicators in Tehran Province. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-9455-55-5.
26. Khalili Ahmad, Azimi Behzad, Meydani Nikjeh Sepideh, **Zali Alireza**, Jalili Khoshnood Reza, Fatemi Alireza, Ashrafi Farzad, Bozorgmehr Rama, Jebrael Mousavi Mir Jafar, Pishgahi Mehdi, Ommi Davood. White Commanders-19. Dr Khalili Publishing, 2020. ISBN: 978-600-4225-66-3.



27. **Zali Alireza**, Tarjoman Termeh, Akhlaghdoust Meisam, Mousavi Fatemeh, Sharifi Negin, Aminifard Parsa, Pirestani Nima, Baghani Matin. The Time Management Guide: A Practical Handbook for Physicians by Physicians. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-7595-24-6.
28. Akbari Setareh, **Zali Alireza**, Ahmadpour Shahriar, Moafi Fahimeh, Jalili Khoshnoud Reza, Rahimzadegan Milad. The Subthalamic Nucleus Part1: Development, Cytology, Topography and Connections. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-6121-95-8.
29. **Zali Alireza**, Akhlaghdoust Meisam, Fahim Farshid, Erfanian Asl Shadi, Baghani Matin, Fathalizade Farzan, Tajabadi Sadaf. Advanced trauma life support Student Course Manual, 10th. ed, 2018. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-6121-75-0.
30. **Zali Alireza**, J. Karimi Mojgan, Shakeri Mehdi, Pirani Davod. All About Korea`s Responses to Covid-19. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-6121-91-0.
31. **Zali Alireza**, Joghtaei Mohamad Taghi, Majidpoor Jamal, Keywan Mortezaee, Bana Derakhshan Homayoon, Valaei Parsa, Shoorei Hamed, Akhavan Tavakoli Matak Maryam, Abbasi Mohammad. Gray's Clinical photographic dissector of the human body, 2 th.ed. 2020. Jame-e-Negar Publishing, 2020. ISBN: 978-600-1019-00-5.
32. **Zali Alireza**, Joghtaei Mohamad Taghi, Majidpoor Jamal, Keywan Mortezaee, Bana Derakhshan Homayoon, Valaei Parsa. Spine and Orthopedic Surgical Approaches from an Anatomical Perspective, 2nd.ed, [2015]. Jame-e-Negar Publishing, 2020. ISBN: 978-600-1018-97-8.
33. Nikouei Amir, Seddighi Afsoun, Seddighi Amir Saied, Arjmand Yasaman, **Zali Alireza**. Neurosurgery and neuroradiology emergencies: Brain. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-6121-71-2.
34. **Zali Alireza**, Maher Ali, Ghanaati Hossein. Evaluation of Covid-19 Crisis in Iran Rest of the Word. Teymoozadeh Publishing, 2020. ISBN: 978-600-2388-95-7.
35. Soori Hamid, **Zali Alireza**. Good Economics for Hard Times, 2019. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-6121-73-6.
36. Vine Richard, **Zali Alireza**, Saeedi Boroujeni Hamidreza, Moradian Kokhdan karim. Neurosurgery: chapters (383 to 415), vascular section 2 (volume 11), Parsian Teb Publishing, 2019. ISBN: 978-622-2220-39-6.

37. Vine Richard, Samadian Mohammad, **Zali Alireza**, Moradian Kokhdan karim. Neurosurgery: chapters (359 to 382) vascular section 1 (volume 10), Parsian Teb Publishing, 2019. ISBN: 978-622-2220-38-9.
38. Samadian Mohammad, Zali Alireza, Moradian Kokhdan karim. Neurosurgery: Chapters (302 to 335) Spine Section (Volume 7), Parsian Teb Publishing, 2019. ISBN: 978-622-2220-25-8.
39. Samadian Mohammad, **Zali Alireza**, Hamidreza Saeedi Boroujeni, Moradian Kokhdan karim. Neurosurgery: Chapters (273 to 301) Spine Section (Volume 6), Parsian Teb Publishing, 2019. ISBN: 978-622-2220-26-6.
40. Samadian Mohammad, **Zali Alireza**, Moradian Kokhdan karim, Moradian Kokhdan Farid. Neurosurgery: Chapters (140 to 165) Oncology Section 2 (Volume 9), Parsian Teb Publishing, 2019. ISBN: 978-622-2220-37-2.
41. Samadian Mohammad, **Zali Alireza**, Moradian Kokhdan karim. Neurosurgery: Chapters (110 to 139) Oncology Section 1 (Volume 8), Parsian Teb Publishing, 2019. ISBN: 978-622-2220-36-5.
42. Samadian Mohammad, **Zali Alireza**, Moradian Kokhdan karim. Neurosurgery: Chapters (16 to 43) General Section (Volume 5), Parsian Teb Publishing, 2019, ISBN: 978-622-2220-25-9.
43. Sadati Leila, Majidpoor Jamal, **Zali Alireza**, Bana Derakhshan Homayoon, Khorasani Seyed Mohammad. Comprehensive Textbook of Medical, Surgical and Hospital Equipment. Artin Teb Publishing, 2019. ISBN: 978-600-4247-06-1.
44. Ashrafi Farzad, Arab Ahmadi Mehran, Behnam Behdad, Vahidi Mohammad, Shahbazzadeh Amir, **Zali Alireza**, Semnani Farbod, Sadat Mousavi Hura. Neurological Diseases in Simple Language. Shahid Beheshti University of Medical Sciences Publishing, 2019. ISBN: 978-622-6121-56-9.
45. Hatami Hosein, **Zali Alireza**. Comprehensive General Health Book: Chapter 14/ Special topics in public health: Health Perspectives of Iran's 20-years Vision Plan. Arjmand Publishing, 2019. ISBN: 978-600-2008-94-7.
46. Parsa Nasser, **Zali Alireza**, Moghadamnia Seyed Hassan, Hossieni Zohreh Sadat. Metal-based Neurodegeneration from Molecular Mechanisms to Therapeutic Strategies. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2017. ISBN: 978-600-8493-74-7.
47. Mohammadali Fazeli, Masoud Salehi, Amir Rezaei, **Zali Alireza**, Farzad Ashrafi. Diagnosis and Treatment of Common Emergencies in Neurosurgery and Neurosurgery. Teimourzadeh Novin Publishing, 2017. ISBN: 978-600-8010-36-4.

48. Ashrafi Farzad, Behnam Behdad, Arab Ahmadi Mehran, Amini Harandi Ali, **Zali Alireza**, Pakdaman Hossein. Alzheimer's in Simple Language. Rasaneh Takhasosi Publishing, 2015. ISBN: 978-600-2931-76-4.
49. Assdi Sina, **Zali Alireza**, Omidbeigi Mohamoud, Kafi Farnaz. Brain Tumors in Simple words. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2015. ISBN: 978-600-5907-73-5.
50. Ashrafi Farzad, Asaadi Sina, Pakdaman Hossien, **Zali Alireza**, Ommi Davood, Zarghi Afsaneh. Parkinson's Disease in Simple Word. Farhang Farda Publishing, 2014. ISBN: 978-964-5231-74-1.
51. Seddighi Amir Saied, **Zali Alireza**, Seddighi Afsoun, Rahimi Hesam, Shalchizadeh Makan, Amiri Mehrdad, Esfandi Amir. Neurovascular Surgery: A Modern Approach. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2012. ISBN: 978-964-7447-46-8.
52. Seyed Mostafavi Tahameh Sadat, Dolati Sepideh, Kimiagar Masoud, **Zali Alireza**. Nutrition and MS. Avayezohoor Publishing, 2012. ISBN: 978-600-5896-60-2.
53. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Auditory System. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-87-9.
54. Zarghi Afsaneh, **Zali Alireza**, Seddighi Amir Saied, Ashrafi Farzad. Cognitive Neurosciences. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-86-2.
55. **Zali Alireza**, Zarghi Afsaneh, Ramezankhani Ali, Moazezi Mehdi. Health Management Policies. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-89-3.
56. Zarghi Afsaneh, Ramezankhani Ali, **Zali Alireza**, Moazezi Mehdi. Writing Principles of Proposal, Project & Thesis. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-88-6.
57. **Zali Alireza**, Fahimeh Moafi. Back Pain and Neck Pain. Gisa Publishing, 2011. ISBN: 978-600-9229-54-3.
58. **Zali Alireza**, Hamideh Ariannia, Abbas Sadathosseini. Clinical Ethics: A Practical Approach to Ethical Decisions in Clinical Medicine, 7th ed, c2010. Sina Publishing, 2010. ISBN: 978-964-7277-89-1.
59. Rezaei Tavirani Mustafa, **Zali Alireza**, Moghadamnia Seyed Hassan, Heidari Mohammad Hossein, Hosseinzadeh Salavati Behrouz, Daneshvar Mehr Fatemeh. Artificial Neural Networks. Andisheye Zohoor Publishing, 2010. ISBN: 978-964-6131-09-5.
60. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Brain & Cognition. Nazari Publishing, 2009. ISBN: 978-964-2897-43-8.

61. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Pain. Abgin Rayan Publishing, 2009. ISBN: 978-600-5170-81-8.
62. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Memory. Nazari Publishing, 2009. ISBN: 978-964-2897-34-6.
63. **Zali Alireza**, Abbasi Mahmoud, Abbasian Ladan. International guidelines on HIV/AIDS and human rights 2006 consolidated version, 2006. Sina Publishing, 2009. ISBN: 978-964-7277-68-6.
64. **Zali Alireza**, Abbasi Mahmoud. The Law and Ethics of Medical Research: International Bioethics and Human Rights. Sina Publishing, 2008. ISBN: 978-964-7277-69-3.
65. **Zali Alireza**, Tavakol Mohammad. An Outline of Sociology as Applied to Medicine, 2nd ed, 1983. Sina Publishing, 2008. ISBN: 978-964-7277-60-0.
66. **Zali Alireza**, Emami Hasan. Process and Method Modification, (Second Volume). Vazhe negar Publishing, 2008. ISBN: 978-964-8858-55-6.
67. Rezaee Tavirani Mostafa, **Zali Alireza**, Rostami Amir, Moghadamnia Sayed Hasan Ranjbar Bijan, Rouhande Majid, Hesami Takloo Saeed, Mahdavi Somayeh, Sayeh Mehri Kourosh, Shahani Minoo, Mostafavi Mehrnaz. Biophysics. Andisheye Zohour Publishing, 2008. ISBN: 978-964-6131-02-6.
68. **Zali Alireza**. Strategic Document of Shahid Beheshti University of Medical Sciences. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2008. ISBN: 978-964-8858-59-4.
69. **Zali Alireza**, Emami Hasan. Strategic Development Program of Shahid Beheshti University of Medical Sciences & Health Services (Scientific MAP of the University with a View to the Twenty-Year Plan). Tous Publishing, 2008.
70. Hatami Hossein, **Zali Alireza**. Reform of the General Medicine Training Program (Basic Science Phase): Theoretical and Review Experience (first edition). 2007. ISBN: 978-964-8858-55-6.
71. Rahmdar Saeedreza, **Zali Alireza**, Tavakoli Javad, Eslami Fardad, Fallah Tafti Mohamad, Taghavi Seyed Mohammad, Mehdi Shadnoosh. Quality Management in Medical Equipment. Ansariyan publishing, 2006. ISBN:978-964-4388-07-1.
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#### **- BOOK CHAPTERS:**

1. **Book:** *Advances in artificial intelligence, robotics, augmented and virtual reality in neurosurgery*, **Edited by** Mohammad Mofatteh, Mohamad Bydon and Mohammed Ali Alvi  
○ **Chapter's Title:** Advances in artificial intelligence, robotics, augmented and virtual reality in neurosurgery  
○ **Publication:** Frontiers in Surgery, March 2024  
○ DOI: [doi.org/10.3389/fsurg.2023.1241923](https://doi.org/10.3389/fsurg.2023.1241923)
2. **Book:** *Interdisciplinary Cancer Research*, **Edited by** Nima Rezaei  
○ **Chapter's Title:** Precision Medicine in Brain Tumors: New Approaches  
○ **Publication:** Springer, Cham, June 2024  
○ DOI: [10.1007/16833\\_2024\\_274](https://doi.org/10.1007/16833_2024_274)
3. **Book:** *Anti-SARS-CoV-2 Activity of Flavonoids*, **Edited by** Jen-Tsung Chen  
○ **Chapter's Title:** Anti-SARS-CoV-2 Activity of Flavonols and Their Glycosylated Derivatives  
○ **Publication:** Taylor & Francis Group, July 2024  
○ DOI: [10.1201/978-1-003-43320-0](https://doi.org/10.1201/978-1-003-43320-0)  
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4. **Book:** *Multidisciplinarity and Interdisciplinarity in Health*, **Edited by** Nima Rezaei  
○ **Chapter's Title:** Integrated, Multidisciplinary, and Interdisciplinary Medical Education  
○ **Publication:** Springer, Cham, August 2022  
○ DOI: [10.1007/978-3-030-96814-4\\_27](https://doi.org/10.1007/978-3-030-96814-4_27)  
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5. **Book:** *Multidisciplinarity and Interdisciplinarity in Health*, **Edited by** Nima Rezaei  
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○ Online ISBN978-3-030-96814-4
6. **E-Book:** *Health Technologies and Innovations to Effectively Respond to the COVID-19 Pandemic*, **edited by** Björn Wolfgang Schuller, Phuong N. Pham, Synho Do, Constantinos S. Pattichis and Pradeep Nair  
○ **Chapter's Title:** Using Machine Learning to Predict Mortality for COVID-19 Patients on Day 0 in the ICU

- **Publication:** Frontiers in Digital Health, February 2022
- DOI: [10.3389/fdgth.2021.681608](https://doi.org/10.3389/fdgth.2021.681608)
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7. **Book: *Interdisciplinary Cancer Research*, Edited by** Professor Nima Rezaei

- **Chapter's Title:** Signalling Pathways in Neurological Cancers
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#### **APPROVED PROJECTS AND PROPOSALS:**

1. The role of MS4A gene in Alzheimer's disease: a systematic review and meta-analysis and system biology study. Somayeh Niknazar, Narges Bazgir, **Alireza Zali**.1403-1405.
2. Effects of Prophylactic Use of Intraventricular Antibiotics in Reducing the Rate of External Ventricular Drainage-Related Infection. Saeed Oraee Yazdani, ruzbeh Tavana, **Alireza Zali**. 1403-1404.
3. Safety of Intranasal Spray Containing the Conditioned Medium of Mesenchymal Stem Cells Derived from Umbilical Cord Wharton's jelly in Alzheimer's Disease (Mild to Moderate) in phase 1 of the clinical trial. Naser Amini, Setareh Akbari, **Alireza Zali**, Mostafa Almasi, Marjan Mirsalehi Mohammad Taghi Joghataei, Saeed Oraee Yazdani, Soraya Mehrabi.1403-1404.
4. Impacts of SARS-CoV-2 on brain renin-angiotensin system signaling and its subsequent effects on the brain: as a theoretical perspective: A narrative review. Milad.Rahimzadegan, **Alireza Zali**, Setareh Akbari, Meisam Akhlaghdoust, Sara Rahmati Roodsari. 1403-1404.
5. Comparison of the therapeutic effect of Iranian and foreign astaxanthin (Vitapharma) on the recovery of patients with complete spinal cord injury. **Alireza Zali**, Masoumeh Jorjani, Somayeh Niknazar, Saeed Oraee Yazdani, Fatemeh Abbaszadehm. 1402-1404.
6. Reconstruction of the Wnt signaling pathway in Glioma using systems biology approaches and experimental investigation of the most important candidate genes. **Alireza Zali**, Fariba Dehghanian, Sara Tavallaei, Saeid Safari, Mahsa motavaf, Giv Sharifi, Sara Rahmati Roodsari.1402-1404.
7. The relationship between infertility and psychological disorders: a systematic review and meta-analysis. Somayeh Niknazar, **Alireza Zali**, Sara Rahmati Roodsari, Narges Bazgir.1402-1404.
8. Systematic review and meta-analysis of cerebrovascular complications after spinal cord surgery. Mohammadreza Shahmohammadi, Somayeh Niknazar, **Alireza Zali**, Setareh Akbari, Narges Bazgir.1402-1404.
9. Evaluation of alpha-synuclein protein interaction in both wild and mutant forms with the altered mitochondrial membrane in Parkinson's disease by molecular dynamics

- simulation. **Alireza Zali**, Mozghan Alipour, Saeid Safari, Saeed Oraee Yazdani, Farzad Ashrafi, Meisam Akhlaghdoust, Behnam Hajipour. 1402-1403.
10. Systematic Review of emerging approaches to deep brain stimulation. Sara Rahmati Roodsari, Mozghan Alipour, **Alireza Zali**, Behnam Hajipour. 1402-1403.
  11. Study of therapeutic effect of mesenchymal stem cells and their exosomes in multiple sclerosis disease. Sara Rahmati Roodsari, Somayeh Niknazar, **Alireza Zali**, Milad Rahimzadegan. 1401-1403.
  12. Study of therapeutic effect of Exosomes from Coenzyme Q10 pretreated adipose-derived mesenchymal stem cells on Spinal Cord Injury model in rats. somayeh niknazar, Ali Asghar peyvandi, **Alireza Zali**, Saeid Safari, Hojjat-Allah Abbaszadeh. 1401-1403.
  13. Evaluation of diagnostic value of rapid Ag kit in diagnostic covid-19 patients in Masandaran province. Hassan Roudgari, **Alireza Zali**, Pegah Larki. 1401-1403.
  14. A systematic review and meta-analysis of efficiency of Botulinum Toxin A in treatment of chronic migraine. Seyed Pouzhia Shojaee, **Alireza Zali**, Saeid Safari, Mahsa Ghajarzadeh, Arash Tafreshinejad. 1401-1401.
  15. A systematic review and meta-analysis of prevalence of COVID-19 Infection in myasthenia gravis patients. Saeid Safari, **Alireza Zali**, Mahsa Ghajarzadeh. 1401-1401.
  16. Evaluation of clinical outcomes of patients under Percutaneous Transforaminal endoscopic discectomy with S1 epidural block for lumbar disc herniation: A Retrospective case series. Seyyed Masoud Hashemi, Sogol Asgari, **Alireza Zali**, Shima sadat Rajaei. 1401-1401.
  17. Efficacy and safety of administration of BCc1 nanochelator in patients with glioblastoma multiform. Saeed Oraee Yazdani, **Alireza Zali**, ruzbeh Tavana. 1400-1403.
  18. Study the mechanism of Tau protein aggregation in neurons and incidence of Alzheimer's disease via molecular dynamics simulation. Saeid Safari, Mozghan Alipour, **Alireza Zali**, Behnam Hajipour, Mahsa motavaf, Farzad Ashrafi. 1400-1401.
  19. Impact of Stem Cell-Mediated Suicidal Gene Therapy on Local Control and Patient Survival of Secondary Glioblastoma: A Case Report. Saeed Oraee Yazdani, **Alireza Zali**, Mohammadhosein Akhlaghpasand. 1400-1401.
  20. Evaluation of the potential of Rapid-Ab diagnostic test in patients with Covid 19 and asymptomatic individuals. Hassan Roudgari, **Alireza Zali**, mohammad farahbakhsh, Mohammadmehdi Nasehi, Pegah Larki. 1400-1401.
  21. Detecting coronavirus with cough sound using artificial intelligence. **Alireza Zali**, Meisam akhlaghdoust, Jamal mirzaei, Kazem Asgarynasab, Sarfenaz Gholizadeh. 1400-1401.
  22. The prevalence of COVID-19 Infection in Parkinson`s patients: A systematic review and meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa Ghajarzadeh. 1400-1401.
  23. Prevalence of neuropathic pain in patients with spinal cord injury: a systematic review and meta-analysis. **Alireza Zali**, Saeid Safari, Mahsa Ghajarzadeh. 1400-1401.
  24. Investigating the prevalence of olfactory dysfunction in patients with Parkinson's disease: A Systematic Review and Meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa

Ghajarzadeh. 1400-1401.

25. A systematic review and meta-analysis of the prevalence of COVID-19 in Alzheimers dementia patients. **Alireza Zali**, Saeid Safari, Mahsa Ghajarzadeh. 1400-1401.
26. A systematic review and meta-analysis of prevalence of Guillain-Barré syndrome in COVID-19 patients. Pouzhia Shojai, **Alireza Zali**, Saeid Safari. 1400-1401.
27. The prevalence of epilepsy in COVID-19 patients: systematic review and meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa Ghajarzadeh. 1400-1401.
28. Evaluation of therapeutic effect of deep brain stimulation on tremor in patients with multiple sclerosis: a meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa motavaf. 1400-1400.
29. Evaluation of covid-19 prevalence in Parkinson's disease: evidence from movements disorder clinic of shohadaye-tajrish hospital. Mehri Salari, **Alireza Zali**. 1399-1401.
30. Safety and efficacy of acellular cartilage combined with mesenchymal stem cells and its derived exosomes in adults with intervertebral disc degeneration. Saeed Oraee Yazdani, **Alireza Zali**, Roozbeh Tavanaei, Afsane Soleimani. 1399-1400.
31. Outcomes and infection status of patients undergoing elective neurosurgical procedures in the middle of the Covid-19 pandemic at a neurosurgical center. Saeed Oraee Yazdani, **Alireza Zali**, ruzbeh Tavana. 1399-1400.
32. Designing an artificial intelligence model for the prediction of severity of the disease and drug recommendation in patients with COVID-19 in different hospital units. Saeed Safari, **Alireza Zali**, Elham Jamshidi. 1399-1400.
33. Comparing the Effectiveness of Cognitive-Behavioral Therapy and Motivational Interviewing-Based Therapy on the Pre- and Post-Operative Perceived Stress in Patients undergoing Neurological Surgeries. **Alireza Zali**, Hasan Ahadi, Ali Solgi. 1399-1400.
34. The efficacy of acceptance and commitment therapy, and transcranial Direct-Current Stimulation (tDCS) on depression and anxiety and physical symptoms patients with chronic pain: a comparative study. **Alireza Zali**, Minoo Geserse. 1399-1400.
35. Investigation of stroke cases in COVID-19 patients in Shohada-e-Tajrish hospital in January and February of 2020. Farzad Ashrafi, **Alireza Zali**. 1399-1400.
36. Legal consideration in COVID-19 in the Shohadaye Tajrish & Shahid Modarres hospital. Fares Najari, **Alireza Zali**. 1399-1400.
37. Investigating the effect of corticosteroid-impregnated gelfoam in extradural space as a means of reducing post-op pain in PSF patients. Saeed Oraee Yazdani, **Alireza Zali**, Pouria Ahmadi. 1399-1400.
38. Level of tyrosine hydroxylase gene expression in the animal model of Parkinson's disease. Mansoureh Hashemi, **Alireza Zali**. 1399-1399.
39. Effect of MK801 on beta-amyloid induced apoptosis in cultured rat hippocampal neurons. Mansoureh Hashemi, **Alireza Zali**. 1399-1399.
40. Isolation, culture and differentiation of human glioblastoma multiforme stem cells. Mansoureh Hashemi, **Alireza Zali**. 1399-1399.



41. Studying the effect of Iranian native multi-strain supplements on controlling the MS disease symptoms. **Alireza Zali**, Amir Mohammad Mortazavian Farsani, Maryam Tajabadi ebrahimi. 1399-1400
42. Evaluating the safety and efficacy of selective dorsal rhizotomy in patients with spinal cord injury-induced spasticity. **Alireza Zali**, Saeed Oraee Yazdani, Roozbeh Tavanaei. 1399-1400.
43. Survey of the Anxiety Caused by the COVID-19 Pandemic on Multiple Sclerosis Patients of Iran. Mehri Salari, Masoud Etemadifar, Ali Solgi, **Alireza Zali**. 1399-1399.
44. The effect of protein supplement on paraspinal muscles in patients undergoing lumbar posterior spine fusion surgery. Saeed Oraee Yazdani, **Alireza Zali**, Razieh Khalooei Fard. 1399-1399.
45. Prevalence of neurologic manifestations in COVID-19 patients. Farzad Ashrafi, Mehri Salari, **Alireza Zali**. 1399-1399.
46. Study protocol: rational and design of discharged COVID-19 patients telephone follow up cohort by volunteer medical students in Shohadaye-Tajrish hospital. Alireza Fatemi, **Alireza Zali**. 1399-1399.
47. Study of the effect of Nebulizing Pepper mint vs Rose oil on SP0<sub>2</sub> in patients under Ministry of Health and Medical Education Standard Corona treatment protocol. Houman Teymourian, **Alireza Zali**, Nima Saeedi. 1399-1399.
48. Analgesic effects of preoperative combined administration of intravenous magnesium sulfate and oral Pregabalin on postoperative pain in patients undergoing posterior spinal fusion surgery. Saeed Oraee Yazdani, **Alireza Zali**, ruzbeh Tavana. 1399-1399.
49. Evaluation of safety and efficacy of using bone marrow mesenchymal stem cells containing lentivirus carrying thymidine kinase gene for the treatment of patients with glioblastoma multiforme by stereotactic injection. **Alireza Zali**, Masoud Soleimani, Maryam Hafizi, Saeed Oraee Yazdani, Amir Atashi. 1399-1400.
50. Parkinson's Disease Registry in Patients Referred to Neurology Clinics of Shahid Beheshti University of Medical Sciences in Tehran (SBMU-PDR). Mehri Salari, **Alireza Zali**, Farzad Ashrafi. 1398-1400.
51. Evaluation of safety and efficacy of using bone marrow mesenchymal stem cells in the treatment of patients with ischemic and hemorrhagic stroke in patients in the subacute phase by stereotactic method. **Alireza Zali**, Masoud Soleimani, Maryam Hafizi, Saeed Oraee Yazdani, Amir Atashi. 1398-1400.
52. Safety and feasibility of Intraventricular cell injection of mesenchymal stem cell in patients with ALS. **Alireza Zali**, Saeed Oraee Yazdani. 1396-1399.
53. Inducing apoptosis in astrocyte cells isolated from glioblastoma multiform using olfactory ensheathing cells containing thymidine kinase gene. Mansoureh Hashemi, **Alireza Zali**. 1396-1396.
54. Evaluation of 14-3-3 zeta expression in malignant and benign of brain tumors. Mansoureh Hashemi, **Alireza Zali**, Setareh Akbari. 1396-1396.
55. Extracting the mechanical properties of circle of Willis artery wall. **Alireza Zali**, Amir Saied Seddighi, Naser Faturaie. 1396-1396.

56. The role of stenosis ratio and Zung depression scale to predict satisfaction with Posterior Spinal Fusion surgery in patients with lumbar disc herniation and lumbar spinal canal stenosis. **Alireza Zali**, Mahsa Babaei. 1396-1396.
57. The effect of radio guided surgery in resection of cerebral glioma. Afsoun Seddighi, Amir Saied Seddighi, **Alireza Zali**. 1395-1396.
58. Use of artificial neural networks and logistic regression to predict posterior spinal fusion (PSF)surgery outcomes in patients with Spinal disorders. **Alireza Zali**, Mahsa Babaei. 1394-1395.
59. Assessment of visual memory with age, sex and education among healthy adults. Afsane Zarghi, **Alireza Zali**. 1394-1394.
60. Assessment of cognitive Function in patients with Parkinson after memory rehabilitation. Afsane Zarghi, **Alireza Zali**. 1394-1394.
61. The relationship between cognitive disorders and the volume of microvascular lesions in individuals with cardiovascular risk factors. Farzad Ashrafi, **Alireza Zali**, Davood Ommi, Hamidreza Haghighatkah, Mohammadreza Sohrabi, Mehran Arabahmadi, Behdad Behnam. 1393-1394.
62. Genetic screening of non-syndromic congenital blindness for aplasia and bilateral optic nerve hypoplasia. **Alireza Zali**, Noor Mohammad Ghiasvand, Ali Solgi, Fatemeh Rashidi, Ehsan Samarbafzadeh, Nader Maghsoudi, Mostafa Soltan Sanjari. 1392-1398.
63. The Correlation between Frontal Assessment Battery and Unified Parkinson's Disease Rating Scale in the Early Stages of Parkinson's Disease. Farzad Ashrafi, **Alireza Zali**. 1392-1393.
64. Volumetric plaque measurement of multiple sclerosis in FLAIR MRI sequence of patients without spinal cord involvement and finding the relationship between plaque volume in MRI with cognitive disorders. Farzad Ashrafi, **Alireza Zali**. 1392-1393.
65. Evaluation of biomechanical stability in the intervertebral space of the cervix in patients with disc degeneration and its comparison with a healthy person. Amir Hossein Saveh, **Alireza Zali**. 1392-1393.
66. Use of artificial neural networks in predicting the success of treatment with endoscopic third ventricular ventriculostomy in patients with pediatric hydrocephalus and production of relevant software based on multicenter studies. Parisa Azimi, **Alireza Zali**, Hassan Reza Mohammadi. 1392-1393.
67. Comparison of proteomycosis of malignant glial tumors in different areas of the brain (supraclavicular) in patients. **Alireza Zali**, Amin Rostami, Minoos Shahani. 1391-1393.
68. Role of Long-term treatment by vitamin B1 in pro- inflammatory cytokines and hyperalgesia variation during different stages of Complete Freund's Adjuvant-induced arthritis in male Wistar rats. **Alireza Zali**, Setareh Akbari, Jalal Zaringhalam Moghadam. 1391-1392.
69. Evaluation of the effect of recurrent magnetic stimulation of the skull (rTMS) on the primary motor cortex on the lesion side and with high frequency (5 Hz) on improving the mobility of patients with subcortical stroke in the area of the cerebral artery. Farzad Ashrafi, **Alireza Zali**. 1391-1392.

70. Investigation of brain function in art therapy. Afsane Zarghi, **Alireza Zali**. 1391-1391.
71. Examining brain function in emotion (romantic love). Alireza Zali, Afsane Zarghi. 1391-1391.
72. Evaluation of brain function in music therapy. **Alireza Zali**, Afsane Zarghi. 1391-1391.
73. Evaluation of transplantation complications of bone marrow-derived CD133 cells in patients with cerebral palsy. **Alireza Zali**, Naser Aghdam. 1390-1394.

#### THESIS:

1. Advisor: **Dr. Alireza Zali**. Investigating the effectiveness of improving spinopelvic parameters in patients with degenerative lumbar spinal disease undergoing lumbar spine surgery compared with non degenerative lumbar spinal disease in Shahada Tajrish Hospital, Tehran, from 1400 to 1403.
2. Advisor: **Dr. Alireza Zali**. Efficacy of combinatorial intrathecal cell therapy using autologous bone marrow-derived mesenchymal stem cells and autologous Schwann cells in sensorimotor function improvement and functional status of patients with chronic or subacute traumatic spinal cord injury.
3. Advisor: **Dr. Alireza Zali**. Evaluating and comparing the effects of preoperative fresh frozen plasma administration on reducing bleeding risk and severity in spine surgery.
4. Supervisor: **Dr. Alireza Zali**. Investigating the signaling pathway of some proteins in glioblastoma patients.
5. Supervisor: **Dr. Alireza Zali**. Investigating the Safety and Potential Efficacy of Selective Dorsal Rhizotomy in Adults with Spinal Cord Injury-Induced Spasticity: An Open-Label, Non-Randomized, Single-Arm Trial
6. Supervisor: **Dr. Alireza Zali**. Investigating complications caused by deep brain stimulation (DBS) in patients referred to Shahada Tajrish Hospital.
7. Advisor: **Dr. Alireza Zali**. Investigating the effect of high-protein diet in improving the outcomes of patients after posterior lumbar fusion surgery: A case-control study.
8. Supervisor: **Dr. Alireza Zali**. Effects of using povidone-iodine dressing before surgery on reducing surgical wound infection in patients undergoing lumbar laminectomy surgery in patients referred to Shahada Tajrish Hospital between 1400 and 1401.
9. Advisor: **Dr. Alireza Zali**. Investigating the status of compliance with health guidelines in the prevention of SARS-CoV-2 infection and its influencing factors among students of Shahid Beheshti University of Medical Sciences, Iran, academic year 1400-1401.
10. Supervisor: **Dr. Alireza Zali**. The effect of parenteral erythropoietin on improvement of cerebral auto-regulation mechanism in severe traumatic brain injury patients: A Clinical Trial.
11. Supervisor: **Dr. Alireza Zali**. Investigating the association between vasospasm risk factors after aneurysmal subarachnoid hemorrhage and velocity changes of blood

circulation in middle cerebral artery based on transcranial doppler ultrasonography in patients referring to Shohada-e-Tajrish Hospital in 1388.

12. Supervisor: **Dr. Alireza Zali**. Investigating the origin of metastatic brain tumors with the help of MRA diffusion imaging findings in patients operated on in Shahada Tajrish Hospital from 1393 to 1397.
13. Supervisor: **Dr. Alireza Zali**. Investigation of the effect of radioactive phosphorus on craniopharyngeal tumor cysts in patients referring to Shohada-e-Tajrish Hospital in 1377-1387.
14. Supervisor: **Dr. Alireza Zali**. Five-year investigation of operated cerebral vasculature aneurysms in 1369-1373 in Shohada-e-Tajrish Hospital.
15. Supervisor: **Dr. Alireza Zali**. Investigation of the abundance of clinical and radiologic findings in patients with primary cerebral lymphoma in 1369-1393 in Shohada-e-Tajrish Hospital.
16. Supervisor: **Dr. Alireza Zali**. Investigation of the outcomes of cerebral abscesses surgery in last 10 years in Shohada-e-Tajrish Hospital.
17. Supervisor: **Dr. Alireza Zali**. Investigation of operated hydrocephaly through 3 years (73-75) in Mofid Childrens's Hospital relying on etiology and complications of operation.
18. Supervisor: **Dr. Alireza Zali**. The effect of prophylactic prescription of Tranexamic Acid in reducing the hemorrhage in patients undergone major spinal surgery.
19. Supervisor: **Dr. Alireza Zali**. Investigation of etiologies of intracranial hemorrhages in children in Mofid Hospital in 1372-1374.
20. Supervisor: **Dr. Alireza Zali**. Investigation of the effect of continuous epidural anesthesia in treatment of Phantom Limb Pain after limb amputation in 20 patients from hospitals affiliated with Shahid Beheshti University of Medical Sciences in 1375-1376.
21. Supervisor: **Dr. Alireza Zali**. Investigation of clinical and radiologic outcomes of Anterior cervical discectomy and fusion (ACDF) in 86-89.
22. Supervisor: **Dr. Alireza Zali**. Investigation of suboccipital retrosigmoid craniotomy surgical approach outcomes in patients with acoustic neuroma referring to Shohada-e-Tajrish Hospital in 1378-1384.
23. Supervisor: **Dr. Alireza Zali**. Investigation of prevalence of de novo cerebral aneurysm in long-term follow-up of patients after treating cerebral aneurysm with clips.
24. Supervisor: **Dr. Alireza Zali**. Investigation of intervention outcomes in cerebral arteriovenous malformations in patients admitted and treated in Shohada-e-Tajrish Hospital in 1389-1393.
25. Supervisor: **Dr. Alireza Zali**. Investigation of performance of cerebral stereotactic biopsy unit in Shohada-e-Tajrish Hospital in 88-98.
26. Supervisor: **Dr. Alireza Zali**. Investigation of efficacy of intramuscular vitamin D injection on post-operational clinical, surgical, and radiologic outcomes in patients undergone posterior lumbar spinal fusion surgery.

27. Supervisor: **Dr. Alireza Zali**. Comparison of changes during excitatory motor action potentials and their prognostic value among patients undergone cervical decompression surgery with laminectomy or laminoplasty method.
28. Supervisor: **Dr. Alireza Zali**. Investigation of expression of predicted non-coding RNAs resulted from dataset examination with target genes involved in RTK/Ras/PI3K signaling pathway as potential diagnostic biomarkers in Iranian patients with multiform glioblastoma.
29. Supervisor: **Dr. Alireza Zali**. Evaluation of the origin of metastatic brain tumor with MRI diffusion parameter in patient surgieried at shohada tajrish hospital during 93-97.
30. Supervisor: **Dr. Alireza Zali**. Presurgical determination of intra axial Brain tumors consistency using MATLAB software by the analysis of T2 relaxation time and Apparent Diffusion Coefficient of tumoral tissues.
31. Supervisor: **Dr. Alireza Zali**. Exploring key drivers of physician's choice of prescription drugs and simulating pre-launch market evaluation model for new pharmaceutical products.
32. Supervisor: **Dr. Alireza Zali**. Assessment of stem cell therapy in treatment of ALS.
33. Supervisor: **Dr. Alireza Zali**. Assessment of stem cell therapy in treatment of CP.
34. Supervisor: **Dr. Alireza Zali**. Assessment of stem cell therapy in treatment of SCI.
35. Supervisor: **Dr. Alireza Zali**. Neuroregenerative effects of myelinating cells cultured on nanofibrous conduit in peripheral nerve repair in rats.
36. Supervisor: **Dr. Alireza Zali**. Assessment of cases reported of hydatid cyst CNS, In Recent five years.
37. Supervisor: **Dr. Alireza Zali**. Assesement of operated aneurysms brain vessles in the years 1369-1373.
38. Supervisor: **Dr. Alireza Zali**. Assessment of the surgical technique for treatment of chronic pain.
39. Supervisor: **Dr. Alireza Zali**. primary brain lymphoma and review of its cases During the past 10 years in Shohada-e-Tajrish Hospital
40. Supervisor: **Dr. Alireza Zali**. Assessment of history of head trauma in hospitalized patients with bacterial in Mofid Hospital in age from 2 months to 14 years during 1374-1375 years
41. Supervisor: **Dr. Alireza Zali**. Assessment of posterior cavity brain tumors in children in recent five years in Mofid Hospital.
42. Supervisor: **Dr. Alireza Zali**. Assessment of brain tumors in children from 1372 to 1378 in Mofid hospital.
43. Supervisor: **Dr. Alireza Zali**. Assesement of cases of brain tumor in Shohada Hospital in the years 1379-1381.
44. Supervisor: **Dr. Alireza Zali**. Assessment of neurological issues in eye examinations.
45. Supervisor: **Dr. Alireza Zali**. Study of clinical and radiological outcomes after Anterior Cervical discectomy in 2007-2010 years.

46. Supervisor: **Dr. Alireza Zali**. The correlation with risk factors of Vasospasm after aneurysmal subarachnoid hemorrhage with changes in velocity of middle cerebral artery demonstrated with trans cranial doppler ultrasonography.
47. Supervisor: **Dr Alireza Zali**. Investigation of the results of stereotactic biopsy and open surgery results in patients with metastatic brain tumors admitted to hospital in Tehran's Shohada-e-Tajrish Hospital in Between 1376-1390.
48. Supervisor: **Dr Alireza Zali**. Preoperative Grading of Astrocytic Supratentorial Brain Tumors with Diffusion-weighted MR Imaging and Apparent Diffusion Coefficient.
49. Supervisor: **Dr. Alireza Zali**. Presurgical determination of intra axial Brain tumors consistency using MATLAB software by the analysis of T2 relaxation time and Apparent Diffusion Coefficient of tumoral tissues.
50. Advisor: **Dr. Alireza Zali**. Safety of Intranasal Spray Containing the Conditioned Medium of Mesenchymal Stem Cells Derived from Umbilical Cord Wharton's jelly in Alzheimer's Disease (Mild to Moderate) in phase 1 of the clinical trial.
51. Advisor: **Dr. Alireza Zali**. Investigating the effect of combined intraspinal cell therapy with Schwann cells and bone marrow-derived stem cells on neurogenic bladder disorder in complete spinal cord injury: an open-label phase 1 clinical trial.
52. Advisor: **Dr. Alireza Zali**. Examining the status of compliance with health guidelines in the prevention of SARS-CoV-2 virus infection and its influencing factors among students of Shahid Beheshti University of Medical Sciences, Iran, academic year 1400-1401.
53. Advisor: **Dr. Alireza Zali**. Examining the influencing factors in the choice of prescription drugs by the doctor and designing and explaining the market evaluation model before the introduction of a new drug product.
54. Advisor: **Dr. Alireza Zali**. Study of the epidemiology of medulloblastoma in Iran between 1388-1393.
55. Advisor: **Dr. Alireza Zali**. In Partial Fulfillment of the Requirements for the Degreespecialist in Field of Study Neurosurgery.
56. Advisor: **Dr. Alireza Zali**. Evaluation of clinical prognostic value of pre-operative modic change in patients with low back pain following posterior spinal fusion or laminectomy.
57. Advisor: **Dr. Alireza Zali**. Evaluation of the incidence of anxiety in patients with Parkinson's disease during the epidemic of Covid-19.
58. Advisor: **Dr. Alireza Zali**. Investigation of the frequency of increased idiopathic intracerebral pressure (IIH) in morbidly obese patients undergoing sleeve gastrectomy (bariatric surgery) in Luqman Hakim Hospital during 1398-1400.
59. Advisor: **Dr. Alireza Zali**. Comparing Prediction Models for Stroke Based on Neural Network and Decision Tree.
60. Advisor: **Dr. Alireza Zali**. The survey on defensive medicine behaviours in surgeons who participated in the 41st Congress of Iranian Association of Surgeons.
61. Advisor: **Dr. Alireza Zali**. Evaluation of the result of interventional and non-interventional management of cerebral Avm and determination of the factors associated with outcome in Shohada Tajrish hospital (1389-1393).

62. Advisor: **Dr. Alireza Zali**. Studying the frequency of clinical and radiological findings in patients with primary brain lymphoma 1369-1393, Shahada Tajrish Hospital.
63. Advisor: **Dr. Alireza Zali**. The effect of prophylactic administration of tranexamic acid in reducing bleeding in patients undergoing major spine surgery.
64. Advisor: **Dr. Alireza Zali**. Comparison of efficiency between two models, Multilayer Perceptron Neural Network and Multivariate Logistic Regression, in the diagnosis of Multiple Sclerosis disease.
65. Advisor: **Dr. Alireza Zali**. An electrophysiological study of the neuroprotective effect of melatonin on 3Acetylpyridine induced ataxia in rat: Whole cell patch clamp recording of Purkinje neurons.

#### INVITED CONGRESS AND ORAL PRESENTATION

NO	Congress Title	Year
1.	12th International Congress of Infection Control & Sterilization of Material & Medical Devices Tehran, Iran, Invited speaker	2024
2.	Update on Huntington's Disease	2024
3.	21st Iranian Congress on Epilepsy	2024
4.	International and Interim Congress of Iranian Neurosurgeons and Spine Surgeons	2024
5.	9th Specialized Congress and 6th International Congress for Hospital Bulid & Facility Management, Tehran, Iran, Oral presentation	2024
6.	Covid: Lesson Learned & Achevment Congress (CAC2024)	2024
7.	4th International Congress of Parkinson's Disease and Movement Disorders, Tehran, Iran, Invited speaker	2024
8.	45th Iranian Association of Surgeons Congress, Tehran, Iran, Oral presentation	2024
9.	The First International Congress PHC for UHC through Family Health Program, Tehran, Iran, Invited speaker	2024
10.	The 4th International & 16th Iranian Nutrition Congress, Tehran, Iran, <i>Oral presentation</i>	2024
11.	The 5th Congress of Skull Base and Pituitary Surgery, Tehran, Iran, <i>Oral presentation</i>	2024
12.	5th Nursing Ethics Congress, Tehran, Iran, <i>Oral presentation</i>	2024
13.	11th International Congress of Infection Control & Sterilization of Material & Medical Devices, Tehran, Iran, <i>Invited speaker</i>	2023
14.	1 <sup>st</sup> Iranian National Confrence on Advanced Technologies of Medical Sciences Education	2023

15.	8th Specialized Congress and 5th International Congress for Hospital Build & Facility Management, Tehran, Iran, <i>Invited speaker</i>	2023
16.	Congress of Neuromodulation in Movement Disorders (Parkinson's Disease- Dystonia-Tremor), Tehran, Iran, <i>Oral presentation</i>	2023
17.	One-day Scientific Conference on Movement Disorders, Tehran, Iran, <i>Oral presentation</i>	2023
18.	One-day Scientific Conference on Clinical Ethics and Patients' Rights, Tehran, Iran, <i>Oral presentation</i>	2022
19.	4th International Congress for Hospital Build & Facility Management, Tehran, Iran, <i>Invited speaker</i>	2022
20.	The Role of UNESCO in the Field of Health, Treatment and Medical Education, Online presentation, Tehran, Iran, <i>Online, keynote speaker</i>	2022
21.	Asian Productivity Organization, Tokyo, Japan, <i>Online, keynote speaker</i>	2022
22.	One-day Scientific Conference on the Role of Endovision Systems in Neurosurgery, Tehran, Iran, <i>Oral presentation</i> One-day Scientific Conference on Surgical and Non-surgical Treatment of Clivus Chordoma, Tehran, Iran, <i>Oral presentation</i> 2021	2021
23.	International Hospital Federation (IHF), Barcelona, Spain, <i>Online, keynote speaker</i>	2021
24.	The Functional differentiation of the female brain, Tehran, Iran, <i>Online, keynote speaker</i>	2021
25.	The Association of Neurosurgeons, Tehran, Iran, <i>keynote speaker</i>	2021
26.	The 27th Annual Congress of Iranian Society of Iranian Surgeons, Tehran, Iran, <i>keynote speaker</i>	2021
27.	Joint Session of International Neuro-Urology Society (INUS)/ IUA, Tehran, Iran, <i>keynote speaker</i>	2021
28.	The 1 <sup>st</sup> Digital Congress of management and treatment of COVID-19, Tehran, Iran, <i>keynote speaker</i>	2021
29.	The conference of National plan on the determination of the place of NIPT testing in the screening of chromosomal abnormalities in the first trimester of pregnancy, Tehran, Iran, <i>keynote speaker</i>	2020
30.	The 28th Iranian Congress on Infectious Diseases and Tropical Medicine, Tehran, Iran, <i>keynote speaker</i>	2020
31.	The 3 <sup>rd</sup> Euro-Asian Pharmacoepidemiology Congress, Isfahan, Iran, <i>keynote speaker</i>	2020
32.	The 43 <sup>rd</sup> Iran's Surgeons Society Congress, Tehran, Iran, <i>keynote speaker</i>	2019



33.	Seminar of Updates on Traumatic Head Injuries in Brain Mapping, Tehran, Iran, <i>keynote speaker</i>	2018
34.	The 18th Annual Congress of Iranian Children, Tehran, Iran, <i>Invited speaker</i>	2018
35.	The 6th International Congress on Intolerance of Pain and the 8th Annual Congress of the Iranian Association of Anaesthesiology and Pain, Tehran, Iran, <i>Invited speaker</i>	2018
36.	The 42 <sup>nd</sup> Annual Iran's Surgeons Society Congress, Tehran, Iran, <i>Invited speaker</i>	2018
37.	The 41 <sup>st</sup> Annual Iran's Surgeons Society Congress, Tehran, Iran, <i>Invited speaker</i>	2017
38.	Scientific Conference on Medical Errors, Tehran, Iran, <i>Invited speaker</i>	2016
39.	Scientific Conference on Ethics and Professional Commitment of the Medical Community, Tehran, Iran, <i>Invited speaker</i>	2016
40.	One-day Scientific Conference on Neurosurgery Emergencies, Tehran, Iran, <i>Invited speaker</i>	2016
41.	Medical Professional Ethics Seminar, Tehran, Iran, <i>Invited speaker</i>	2016
42.	11 <sup>th</sup> International Congress of Breast Cancer, Tehran, Iran, <i>Invited speaker</i>	2016
43.	The 1 <sup>st</sup> Symposium on Stem Cell Therapy in Neurological Disorders, Tehran, Iran, <i>keynote speaker</i>	2018
44.	16th Seminar on Physiotherapy Specialty Spine, Tehran, Iran, <i>Invited speaker</i>	2015
45.	The 40 <sup>th</sup> Annual Iran's Surgeons Society Congress, Tehran, Iran, <i>Invited speaker</i>	2016
46.	International Family Physician Seminar, Tehran, Iran, <i>keynote speaker</i>	2015
47.	The 3 <sup>rd</sup> International Congress of Transfusion Medicine, Tehran, Iran, <i>Invited speaker</i>	2015
48.	The 12th International Congress of Anaesthesiology, Critical Care and Pain Management, Tehran, Iran, <i>keynote speaker</i>	2015
49.	Annual Conference of the Paediatric Infectious Diseases Association and the Memorial of Professor Dr. Seyed Ahmad Siadati, Tehran, Iran, <i>Invited speaker</i>	2014
50.	The 4th International Congress of Interventional Pain Medicine, Tehran, Iran, <i>Invited speaker</i>	2014
51.	One-day symposium on relaxation and sedation in children, Tehran, Iran, <i>Invited speaker</i>	2014
52.	One-day scientific conference on medical disciplinary law, Tehran, Iran,	2014

	<i>Invited speaker</i>	
53.	Medical professional ethics with the approach of examining the jurisprudential, ethical and legal aspects in end-of-life care of deceased patients, Tehran, Iran, <i>Invited speaker</i>	2014
54.	One-day scientific conference on mental health and media, Tehran, Iran, <i>keynote speaker</i>	2013
55.	One-day scientific conference on new pain management technology, Tehran, Iran, <i>keynote speaker</i>	2013
56.	One-day scientific conference on new plastic surgery, Tehran, Iran, <i>Invited speaker</i>	2013
57.	One-day scientific conference on cardiac resuscitation and pulmonary CPR Tehran, Iran, <i>Invited speaker</i>	2013
58.	One-day Neurological Rehabilitation Symposium, Tehran, Iran, <i>Invited speaker</i>	2013
59.	Iranian Interim Course of Neurosurgeons, Tehran, Iran, <i>keynote speaker</i>	2013
60.	Congress of Neurological Rehabilitation in Diseases, Tehran, Iran, <i>keynote speaker</i>	2012
61.	Conference on Law, Ethics and Medical Jurisprudence, Tehran, Iran, <i>Invited speaker</i>	2012
62.	Annual Intensive Care Seminar: Past, Present and Future of Intensive Care in Iran, Tehran, Iran, <i>keynote speaker</i>	2012
63.	Thirty-sixth Annual Scientific Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2012
64.	One-day conference on health and social vitality, Tehran, Iran, <i>Invited speaker</i>	2012
65.	Clinical Neuroscience Seminar, Tehran, Iran, <i>Invited speaker</i>	2011
66.	One-day scientific conference on social factors affecting health, Tehran, Iran, <i>Invited speaker</i>	2011
67.	Symposium on the use of stem cells in neuromuscular diseases in memory of the late scientist Dr. Saeed Kazemi Ashtiani, Tehran, Iran, <i>Invited speaker</i>	2011
68.	Pain seminar, Tehran, Iran, <i>Invited speaker</i>	2011
69.	One-day scientific conference on disease prevention and its role in promoting community health, Tehran, Iran, <i>Invited speaker</i>	2011
70.	Cognitive Neuroscience Seminar, Tehran, Iran, <i>Invited speaker</i>	2011
71.	Evidence-based neurosurgery seminar, Tehran, Iran, <i>Invited speaker</i>	2010
72.	Seminar on the role of basic sciences in health promotion, Tehran, Iran,	2010

	<i>keynote speaker</i>	
73.	The Second Annual International Congress of Forensic Medicine of Iran, Tehran, Iran, <i>Invited speaker</i>	2010
74.	Cognitive Neuroscience Seminar, Tehran, Iran, <i>keynote speaker</i>	2010
75.	Family Physician Conference and Referral System, Prospects and Challenges, Tehran, Iran, <i>keynote speaker</i>	2010
76.	Stem cell use workshop in the treatment of epilepsy, Parkinson's, cerebral palsy and spinal cord injuries, Tehran, Iran, <i>keynote speaker</i>	2010
77.	Brain tumor seminar in children, Tehran, Iran, <i>keynote speaker</i>	2010
78.	Clinical Neuroscience Seminar, Tehran, Iran, <i>keynote speaker</i>	2010
79.	Seminar on the use of stem cells in the treatment of epilepsy, Parkinson's, cerebral palsy and spinal cord injuries, Tehran, Iran, <i>keynote speaker</i>	2010
80.	Twelfth Annual Conference of Iranian Pathology and Sixth Annual Conference of the Iranian Cancer Society, Tehran, Iran, <i>keynote speaker</i>	2010
81.	The 16 <sup>th</sup> Iben Sina Institute National Seminar on Genetics, Law, Ethics, Psychology, Tehran, Iran, <i>keynote speaker</i>	2010
82.	Second International Congress on Headaches, Tehran, Iran, <i>keynote speaker</i>	2010
83.	Infection and Surgery Seminar, Tehran, Iran, Tehran, Iran, <i>Invited speaker</i>	2009
84.	Joint Congress of Neonates and Perinatology, Tehran, Iran, <i>Invited speaker</i>	2009
85.	New conference on pediatrics and the 30th commemoration of Dr. Mohammad Gharib, Tehran, Iran, <i>Invited speaker</i>	2009
86.	Clinical Conference on Oncology entitled Brain Tumors, Morocco, <i>Invited speaker</i>	2009
87.	Seminar on Challenges in Infertility Reproductive Therapies and Insurance, Tehran, Iran, <i>Invited speaker</i>	2008
88.	Emergency Scientific Conference, Tehran, Iran, <i>Invited speaker</i>	2008
89.	8th Iranian Pediatric Nervous Congress Nursing Conference, Tehran, Iran, <i>Invited speaker</i>	2008
90.	Seminar of medicine and jurisprudence, Tehran, Iran, <i>Invited speaker</i>	2008
91.	Specialized Symposium on Ethics and Law in Pharmaceutical Sciences, Tehran, Iran, <i>Invited speaker</i>	2008
92.	One-day symposium on donation coordination and transplantation of brain death donors, Tehran, Iran, <i>Invited speaker</i>	2008

93.	The Second International Congress of Iranian Medical Ethics, Tehran, Iran, <i>Invited speaker</i>	2008
94.	First Congress on Supportive and Palliative Care in Cancer, Tehran, Iran, <i>Invited speaker</i>	2008
95.	Epilepsy Conference, Tehran, Iran, <i>Invited speaker</i>	2007
96.	Interventional methods of physical medicine and rehabilitation in the treatment of pain, Tehran, Iran, <i>Invited speaker</i>	2007
97.	The First Iranian Medical Proteomics Congress, Tehran, Iran, <i>Invited speaker</i>	2007
98.	7th Applied Scientific Conference of General Practitioners Nationwide, Tehran, Iran, <i>Invited speaker</i>	2007
99.	International Congress of Medical Law, Tehran, Iran, <i>Invited speaker</i>	2007
100.	National Emergency Medicine Seminar, Tehran, Iran, <i>Invited speaker</i>	2007
101.	31 <sup>st</sup> Annual Scientific Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2007
102.	Sixth International Congress of Traditional and Complementary Medicine, Tehran, Iran, <i>Invited speaker</i>	2007
103.	Congress of Vascular Trauma, Cognition and Treatment, Tehran, Iran, <i>Invited speaker</i>	2006
104.	Congress of Women's Cancers, Tehran, Iran, <i>Invited speaker</i>	2006
105.	Seminar on facial plastic surgery and its complications, Tehran, Iran, <i>Invited speaker</i>	2006
106.	Physician seminar and legal teachings in the field of neurosurgery, Tehran, Iran, <i>Invited speaker</i>	2006
107.	Congress of Central Nervous System Cancers, Italy, <i>Invited speaker</i>	2006
108.	Sixth Applied Scientific Conference of General Practitioners Nationwide, Tehran, Iran, <i>Keynote speaker</i>	2006
109.	First Congress of Electrodiagnosis Medicine in Peripheral Nerve Lesions, Tehran, Iran, <i>Keynote speaker</i>	2006
110.	The first international conference on telemedicine and health, Tehran, Iran, <i>Keynote speaker</i>	2006
111.	Physician seminar and legal teachings in the field of neurosurgery, Tehran, Iran, <i>Keynote speaker</i>	2006
112.	7th General Practitioners Conference, Tehran, Iran, <i>Keynote speaker</i>	2006
113.	Conference on paediatrics and the 27 <sup>th</sup> commemoration of Dr. Gharib, Tehran, Iran, <i>Keynote speaker</i>	2006

114.	30th Annual Scientific Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2006
115.	Symposium The first regional specialized meeting on ethics education in science and technology, Tehran, Iran, <i>Invited speaker</i>	2006
116.	Conference on an one-day continuing education program for orthopaedic specialists, Tehran, Iran, <i>Invited speaker</i>	2005
117.	The fifth applied scientific conference of general practitioners in Iran, Tehran, Iran, <i>Invited speaker</i>	2005
118.	Twenty-ninth Annual Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2005
119.	The fourth conference of Iranian children's nerves, Tehran, Iran, <i>Invited speaker</i>	2004
120.	Conference of Iranian Society of Anaesthesiology and Intensive Care, Tehran, Iran, <i>Invited speaker</i>	2004
121.	Twenty-eighth annual congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2004
122.	The third scientific conference on paediatrics' nerves in Iran, Tehran, Iran, <i>Oral presentation</i>	2003
123.	Sixth Iranian Congress of Physical Medicine, Rehabilitation and Electrodiagnosis, Tehran, Iran, <i>Oral presentation</i>	2003
124.	15th International Conference on Paediatrics, Tehran, Iran, <i>Oral presentation</i>	2003
125.	Conference of Iranian Association of Neurosurgeons, Iran, <i>Oral presentation</i>	2003
126.	Monthly meetings of the Iranian Society of Neurosurgeons, Iran, <i>Oral presentation</i>	2003
127.	Twenty-seventh Annual Scientific Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2003
128.	The second applied scientific conference of general practitioners across Iran, <i>Oral presentation</i>	2002
129.	Seminar on Common Nervous Diseases in Children, Iran, <i>Oral presentation</i>	2002
130.	Twenty-sixth Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2002
131.	National Conference on Low Back Pain, Iran, <i>Oral presentation</i>	2001
132.	Conference of the program of one hundred courses written in the special education program, Iran, <i>Oral presentation</i>	2001
133.	Codified training program for general practitioners of Shahid Beheshti	2001

	University of Medical Sciences, Iran, <i>Oral presentation</i>	
134.	Twenty-fourth Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2001
135.	Twelfth International Conference on Paediatrics' diseases, Iran, <i>Oral presentation</i>	2000
136.	Twenty-second Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2000
137.	Congress of Surgical Emergencies in Neonates, Iran, <i>Oral presentation</i>	1999
138.	Twentieth Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	1999

#### EDITORIAL BOARD AND REVIEWER

- ❖ **Chairman and Editor in chief of *International Clinical Neuroscience journal***, Official journal of Functional Neurosurgery Research Centre, Shahid Beheshti University of Medical Sciences (August 2014)
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## MEMBERSHIP

1. Member of **the Supreme Council of Scientific Centers of Medical Sciences**, the Ministry of Health and Medical Education (2022 to present)
2. Member of **Universal Scientific Research and Education Network (USERN)**, a scientific network with Nobel winners and researchers in all over the world (2020 to present)
3. Full Member of **Iranian Neuroscience Society** (2017 to present)
4. Founding member of **Shohada Tajrish Comprehensive Neurosurgical Center of Excellence (STNCE)** (2016 to present)
5. Associate member of **Iranian Academy of Medical Sciences** (2012 to present)
6. Member of the **University Development Council** at Minister of Health (2012- 2016)
7. Elected member of the Minister of Health in the **High Planning Council** (2011- 2016)
8. Member of Tehran **Municipality Health Strategic Council** (2009 to present)
9. Member of the **board of directors of Iranmehr Hospital** (2009 to present)
10. Member of the **Research Council of the National Health Research Centre** (2009 to present)
11. Member of the **Association of Neurosurgeons** (2008 to present)
12. Member of the **Medical Ethics Committee** of the Iranian Academy of Medical Sciences (2008 to present)
13. Member of the **Federation of World University Deans** (2007- 2008)
14. Member of the **Board of Trustees of Ilam University of Medical Sciences** (2007- 2010)
15. Member of the **Board of Trustees of Qom University of Medical Sciences** (2007- 2008)
16. Founding member of **Medical Proteomics Research Centre** (2006 to present)
17. Founding member of **Functional Neurosurgery Research Center** (2007 to present)
18. Member of **Research Council of Cancer Research Centre** (2006 to present)
19. Member of the **Board of Examiners of the Neurosurgery Board** (2005 to present)
20. Founding Member of the board of the **Research Center, Arts and Health Association** (2008 to present)
21. Member of the Specialized Committee of Surgical Clinical Sciences of **Razi Medical Sciences Research Festival** (2007 to present)
22. Member of the **7-member Commission for Special Cases** of the Ministry of Health (2005-2008)
23. Member of the **Supreme Council** of the Iran Medical Council (2005-2008)
24. Member of the **Board of Directors** of Tehran Medical Council (2004 to present)

25. Member of the Research Council of the **Iranian Medical council** (2002 to present)
26. Member of **Iranian Paediatric Neurology Association** (2002 to present)
27. Member of **Iran Neurosurgery Board** (2000 to present)
28. Member of the **Commission of Scientific Associations of the Ministry of Health** (1998- 2012)
29. Member of the **Board of Examiners**, Certificate in Neurosurgery (1996- 1999)
30. Member of the **Board of Trustees** of Shahid Beheshti University of Medical Sciences (1994-1998)
31. Member of the **National Board of Assistant Examiners** (1994-1997)
32. Member of the **Treatment Council of the Iran Ministry of Health** (1994-1996)
33. Member of the **Medical Services Development Council** of the Iran Medical Council (1994-1997)
34. Faculty Member of **Shahid Beheshti University of Medical Sciences**, Tehran, Iran (1994 to present)
35. Member of the **Cultural Council** of Shahid Beheshti University of Medical Sciences (1991-1994)
36. Member of **Iranian Medical Council (IRIMC)**, Medical Council number: 27836 (1990 to present)