

Amirreza Nasirzadeh,
Master of Nursing (Medical-Surgical Nursing)

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Summary

- ✓ A highly motivated Nursing graduate (Bachelor and Master) with a strong aspiration for research in neurology, particularly in interdisciplinary studies such as Artificial Intelligence (AI) and deep learning, with a focus on innovation and entrepreneurship. Passionate about being a knowledgeable and skillful researcher with a focus on neuroscience and AI.
- ✓ My career focus has centered around neurological research, driven by a passion to enhance the quality of life for patients suffering from neurological disorders. Throughout my academic journey, I completed a Bachelor of Nursing Sciences and engaged in formal training through various research programs. Throughout my six-year academic pursuit (four years for the bachelor's degree and two years for the master's), I actively participated in numerous scientific congresses as both a reviewer for nursing and neurology panels and as a speaker or poster presenter. Notably, the experience of publishing a book and registering a patent served as significant milestones, reinforcing my dedication to the research path.
- ✓ My research endeavors have equipped me with valuable skills in study design, systematic literature review, data analysis, and dissemination. Additionally, I have contributed as a peer-reviewer for reputable journals. Reflecting on these achievements solidifies my commitment to neurological research as an integral component of my professional journey, enhancing my clinical acumen, fostering my research expertise, and facilitating the expansion of my international network within the field of neurological research.

Education and Academic Background

Mashhad University of Medical Sciences

Mashhad, Iran

2021 – 2022: MSN (Internship); Nurse,

Affiliated Hospitals of Mashhad University of Medical Sciences, Mashhad, Iran.

2020– 2022: MSN; Master of Medical-Surgical Nursing,

School of Nursing, Mashhad University of Medical Sciences, Mashhad, Iran.

Gonabad University of Medical Sciences

Gonabad, Iran

2019 – 2020: BSN (Internship); Nurse,

Affiliated Hospitals of Gonabad University of Medical Sciences, Gonabad, Iran.
2016– 2020: BSN; Bachelor of Nursing Sciences,
School of Nursing, Gonabad University of Medical Sciences, Gonabad, Iran.

Work Experience

Associate Dean for Research

School of Nursing, Gonabad University of Medical Sciences, Gonabad, Iran.

2025 – Present

Director of Education Development Office (EDO)

School of Medicine, Gonabad University of Medical Sciences, Gonabad, Iran.

2024-2025

Faculty

2022 – Present

Faculty member of Nursing School at Gonabad University of Medical Sciences,
Gonabad, Iran.

Instructor of Nursing and Nurse practitioner

Bohloul Hospital, Affiliated to Gonabad University of Medical Sciences,
Gonabad, Iran

2022 – Present

Analytical Skills

Methodology: Study design for a phase-3 clinical trial, observational studies (cross-sectional and case-controls), systematic review, and meta-analysis.

Biostatistics: Data analysis with R program, SPSS, and Excel at the professional level, STATA at the intermediate level, Python at the basic level, and data visualization at an advanced level.

Directorship role: Team-building, Team leadership, problem identification, definition, and solving.

Honors & Awards

- Establishing “**NeuroPodcast**” medium, Gonabad, Iran, 2023. (*A medium for translation of knowledge and improving health literacy of the general public*)
- **Top Student Researcher**, Mashhad University of Medical Sciences, 2022.
- **6th rank** in National Examination for Entrance to Master of Nursing, 2020-2021.
- Winner of “**Best Book Authorship award**” for publication of the book entitled “**EKG Interpretation with the Guidance of Augmented Reality**”, Gonabad University of Medical Sciences, 2019.
- **Member of Exceptional Talents Office** for 4 consecutive years, Gonabad University of Medical Sciences, 2016-2020.
- **Top Student** in academic years 2017-2018 and 2018-2019 with highest GPA.
- To be among the **Top 10% Graduates** of Nursing School, Gonabad University of Medical Sciences, 2020.

Publications

Published Book:

1. EKG Interpretation with the Guidance of Augmented Reality. **Amirreza Nasirzadeh**, Seyed Farzin Mircheraghi, Mahdi Basiri Moghadam, 2019.
 - a. Developed the idea, designed the content, and illustrated the cover.
 - b. Gathered data, translated textbooks, and interpreted EKG traces.
 - c. Applied comments, revised and finalized the manuscript.
 - d. Mount videos and sync the objects with the Augmented Reality App.

Published Papers:

2. The Validation of the Persian Version of the ID-Migraine Questionnaire. **Amirreza Nasirzadeh**, et al. Medical Sciences. 2025.
 - a. Developed the idea, designed the method and data analysis plan
 - b. Analysis and interpretation of data
 - c. Drafted the outline, drafted the manuscript
 - d. Critical revision of the manuscript for important intellectual content
3. A Systematic Review and Meta-Analysis of International Validations for the Minimal Assessment of Cognitive Function in MS (MACFIMS). **Amirreza Nasirzadeh**, et al. BMC neurology. 2024.
 - a. Developed the idea and the theoretical requirement of the idea
 - b. Drafted and finalized the proposal
 - c. Designed search strategy and searched databases
 - d. Screened records and extracted data
 - e. Data analysis
 - f. Drafted the outline, drafted the manuscript, revised and finalized the manuscript
4. Comparison of glucose and immunoglobulin a levels in serum and saliva of patients with type 1 and type 2 diabetes. **Amirreza Nasirzadeh**, et al. Journal of Shahid Sadoughi University of Medical Sciences. 2024.

- a. Developed the idea, designed the method and data analysis plan
 - b. Data collection and sampling
 - c. Drafted the outline, drafted the manuscript
5. The Prevalence of Cancer in Patients with Multiple Sclerosis (MS) who were under Treatment with Natalizumab (Tysabri): A Systematic Review and Meta-Analysis. **Amirreza Nasirzadeh**, Reza Jahanshahi, et al. International Journal of Preventive Medicine. 2023.
 - a. Developed the idea, designed the method and data analysis plan
 - b. Designed search strategy and searched databases
 - c. Screened records and extracted data
 - d. Data analysis
 - e. Drafted outline, applied comments, revised and finalized the manuscript
6. Relationship between the anxiety of labor companion and labor satisfaction among laboring women. **Amirreza Nasirzadeh**, et al. Scientific Reports. 2025.
 - a. Developed the idea, designed the method and data analysis plan
 - b. Analysis and interpretation of data
 - c. Drafted the outline, drafted the manuscript
 - d. Critical revision of the manuscript for important intellectual content
7. Comparison of the effects of burn assessment mission game with feedback lecture on nursing students' knowledge and skills in the burn patients' assessment: a randomized clinical trial. **Amirreza Nasirzadeh**, et al. BMC medical informatics and decision making. 2024.
 - a. Developed the idea, designed the method and data analysis plan
 - b. Analysis and interpretation of data
 - c. Drafted the outline, drafted the manuscript
 - d. Critical revision of the manuscript for important intellectual content
8. The Prevalence of Inflammatory Bowel Disease (IBD) in Patients with Multiple Sclerosis (MS): A Systematic Review and Meta-Analysis. **Amirreza Nasirzadeh**, Reza Jahanshahi, et al. International Journal of Preventive Medicine. 2023.
 - a. Developed the idea, designed the method and data analysis plan
 - b. Designed search strategy and searched databases
 - c. Screened records and extracted data
 - d. Data analysis
 - e. Drafted outline, applied comments, revised and finalized the manuscript
9. Amlodipine Therapy in β -Thalassemia Patients: A Systematic Review and Meta-Analysis on Ferritin Levels and Liver MRI T2. Aily Aliasgharian, Hossein Karami, Mohammad Zahedi, Reza Jahanshahi, Hossein Bakhtiari-Dovvombaygi, **Amirreza Nasirzadeh**, et al. Thalassemia Reports. 2023.
 - a. Developed the idea, designed the method and data analysis plan
 - b. Designed search strategy and searched databases
 - c. Screened records and extracted data
 - d. Data analysis
 - e. Drafted outline, applied comments, revised and finalized the manuscript
10. Comorbidities and Mortality Risk in COVID-19 Infected Patients: A Cross-Sectional Study in

North-Eastern Iran. Mohammadtaghi Shakeri, Parham Ahmadi, Ghazaleh Ghorbannezhad, **Amirreza Nasirzadeh**, et al. Türkiye Klinikleri Tıp Bilimleri Dergisi. 2023.

- a. Collaborated in developing the main idea and analysis method, drafting the outline and a part of the manuscript
- b. Reviewed and provided critical comments on the final manuscript

11. Risk of stroke in multiple sclerosis (MS): a systematic review and meta-analysis. Mahsa Ghajarzadeh, **Amirreza Nasirzadeh**, et al. Multiple Sclerosis Journal, 2022. (Volume 28, Issue 3_suppl:ECTRIMS 2022)

- a. Developed the idea, designed the method and data analysis plan
- b. Designed search strategy and searched databases
- c. Screened records and extracted data
- d. Data analysis
- e. Drafted outline, applied comments, revised and finalized the manuscript

12. Iranian Future Healthcare Professionals' knowledge and opinions about rare diseases: cross-sectional study. Reza Jahanshahi, **Amirreza Nasirzadeh**, et al. Orphanet journal of rare diseases. 2022.

- a. Developed the idea and the theoretical requirement of the idea
- b. Drafted and finalized the proposal
- c. Designed the method and data analysis plan
- d. Sampling and data collection
- e. Data analysis
- f. Drafted the outline, drafted the manuscript, revised and finalized the manuscript

13. The Interrelationship between Liver Function Test and the Coronavirus Disease 2019: A Systematic Review and Meta-Analysis. Mohammad Zahedi, Mohammad Yousefi, Mahdi Abounoori, Mohammad Malekan, Fatemeh Tajik, Keyvan Heydari, Parham Mortazavi, Sulmaz Ghahramani, Monireh Ghazaeian, Fateme Sheydaee, **Amirreza Nasirzadeh**, et al. Iranian Journal of Medical Sciences. 2021.

- a. Collaborated in developing the main idea
- b. Designed search strategy and searched databases
- c. Screening the records and data extraction
- d. drafting the outline and a part of the manuscript
- e. Reviewed and provided critical comments on the final manuscript

14. A double-blind, controlled, crossover trial of amlodipine on iron overload status in transfusion-dependent β -thalassemia patients. Hossein Karami, Hadiseh Khalilzadeh Arjmandi, Ebrahim Salehifar, Hadi Darvishi-Khezri, Mojdeh Dabirian, Mehrnoush Kosaryan, Aily Aliasgharian, Rosetta Akbarzadeh, Raheleh Naeimayi Aali, **Amirreza Nasirzadeh**. International Journal of Clinical Practice. 2021.

- a. Collaborated in developing the main idea and analysis method, drafting the outline and a part of the manuscript
- b. Reviewed and provided critical comments on the final manuscript

15. Coadministration of silymarin with iron chelators in transfusion-dependent β -thalassemia patients: a systematic review and meta-analysis for effect on iron overload. Hadi Darvishi-Khezri, Mohammad Naderisorki, Mohammad Zahedi, Parham Mortazavi, Fatemeh Tajik,

- Amirreza Nasirzadeh**, et al. Expert Review of Clinical Pharmacology. 2021.
- Collaborated in developing the main idea and analysis method, drafting the outline and a part of the manuscript
 - Reviewed and provided critical comments on the final manuscript
16. The Effect of Rose Aromatherapy on Anxiety before Abdominal Operation. Samane Najafi, Moosa Sajjadi, **Amirreza Nasirzadeh**, et al. The Horizon of Medical Sciences. 2020.
- Developed the analysis plan, supervised the data cleaning and analysis, interpreted the results
 - Drafted, applied comments, revised and finalized the manuscript
17. The Effect of Purslane Ointment on Chronic Musculoskeletal Pain in the Elderly. **Amirreza Nasirzadeh**, Mahdi Basiri Moghadam, Kokab Basiri Moghadam. The Horizon of Medical Sciences. 2019.
- Developed the idea and the theoretical requirement of the idea
 - Drafted and finalized the proposal
 - Designed the method and data analysis plan
 - Sampling and data collection
 - Data analysis
 - Drafted the outline, drafted the manuscript, revised and finalized the manuscript
18. Comparing the Effect of Guided Visualization and Virtual Reality Techniques on Cannulation Pain in Hemodialysis Patients. **Amirreza Nasirzadeh**, Seyed Farzin Mircheraghi, et al. Journal of Research in Medical and Dental Science. 2019.
- Developed the idea and the theoretical requirement of the idea
 - Drafted and finalized the proposal
 - Designed the method and data analysis plan
 - Sampling and data collection
 - Data analysis
 - Drafted the outline, drafted the manuscript, revised and finalized the manuscript
19. Health information seeking behavior among students of Gonabad University of Medical Sciences. Meisam Dastani, Milad Mokhtarzadeh, **Amirreza Nasirzadeh**, et al. Library Philosophy and Practice (e-journal). 2019.
- Developed the idea and the theoretical requirement of the idea
 - Sampling and data collection
 - Drafted the outline, drafted the manuscript, revised and finalized the manuscript

Ongoing projects:

- The Validation and cross-cultural adaptation of the Persian Version of the ID-migraine Questionnaire**
 - Developed the idea and the theoretical requirement of the idea
 - Drafted and finalized the proposal
 - Designed the method and data analysis plan
 - Sampling and data collection
 - Data analysis

- f. Drafted the outline, drafted the manuscript, revised and finalized the manuscript
 - g.
2. **The relationship between the severity of cognitive disorders with sexual dysfunction in patients with multiple sclerosis**
 - a. Developed the idea and the theoretical requirement of the idea
 - b. Drafted and finalized the proposal
 - c. Designed the method and data analysis plan
 - d. Sampling and data collection
 3. **Predicting risk of disease progression among multiple Sclerosis patients using machine learning algorithms: a systematic review and meta-analysis**
 - a. Developed the idea and the theoretical requirement of the idea
 - b. Drafted and finalized the proposal
 - c. Designed the method and data analysis plan
 - d. Designed search strategy and searched databases
 - e. Screened records and extracted data

Reviews

1. Serve as a peer reviewer for “**Multiple Sclerosis and Related Disorders**” journal, indexed in Web of Science, 2025.
2. Serve as a peer reviewer for “**BMC psychiatry**” journal, indexed in Web of Science, Scopus, 2025.
3. Serve as a peer reviewer for “**PLOS ONE**” journal, indexed in Web of Science, Scopus, 2024.
4. Serve as a peer reviewer for “**MEDICINE**” journal, indexed in Web of Science, Scopus, PubMed, Embase, 2024.
5. Serve as a peer reviewer for “**International Journal of Clinical Practice**”, indexed in Web of Science, Scopus, PubMed, Embase, 2024.
6. Serve as a peer reviewer for the “**Pain Research and Management**” Journal, indexed in Web of Science, Scopus, PubMed, Embase, 2023.
7. Serve as a peer reviewer for “**Evidence-Based Care Journal**”, indexed in Scopus, DOAJ, 2022.
8. Serve as a peer reviewer for “**Journal of Clinical Laboratory Analysis**”, indexed in Web of Science, Scopus, PubMed, Embase, 2022.
9. Serve as a peer reviewer for “**International Journal of Biomedicine and Public Health**”, indexed in EBSCO, Embase, DOAJ, 2021.
10. Serve as a peer reviewer for “**Frontiers in Bioengineering and Biotechnology**” Journal, indexed in Web of Science, Scopus, PubMed, 2021.
11. Serve as a peer reviewer for “**International Journal of Nursing Practice**”, indexed in Web of Science, Scopus, PubMed, 2019.

Patents and Innovations

- 1- A Device for Washing and Disinfecting the Mouth of Patients with Reduced Level of Consciousness. Mohammadreza Asgari, **Amirreza Nasirzadeh**, Hossein Bakhtiary-dovvom Baigi, Mahdi Khakshour. 2022.
- 2- NeuroPodcast. **Amirreza Nasirzadeh**, Aqil Izadysadr, Hamideh Sadat Bagherzadeh. 2023.

Positions and Executive Activities

- 1- Head of Student Research Committee, Nursing School, Mashhad University of Medical Sciences, Mashhad, Iran. 2020-2021
- 2- Publons Academy graduate & mentor, 2019-Present.
- 3- Member of the Red Crescent Society of Iran.
- 4- Head of Student Research Committee, Gonabad University of Medical Sciences, 2018-2019.
- 5- Head Student Research Committee, Mashhad University of Medical Sciences, 2021-2022.
- 6- Head of Education Development Office (EDO), Gonabad University of Medical Sciences, 2023-Present.

Voluntary Activities

1. Volunteering at local clinics and hospitals to assist nurses and healthcare professionals with patient care, especially during the COVID 19 pandemic.
2. Participating in outreach programs to provide health education and screenings.
3. Participating in outreach programs to provide health education for K-12 students.
4. Volunteering with organizations that provide healthcare services such as the Red Crescent Society of Iran to underserved populations, such as homeless shelters or free clinics.
5. Holding many workshops and webinars for nursing students.
6. Mentoring nursing students and serving as a preceptor for new nurses in training programs.
7. Participating in disaster relief efforts, such as providing medical assistance during natural disasters and humanitarian crises, including floods and earthquakes in Iran.
8. Volunteering for conference organization.

Other

Hobbies: Professional backgammon and Othello player, occasional dart thrower, mountaineer, and skater

Languages: English and Persian

References

- **Morteza Shamsizadeh:** mortezashamsizadeh@gmail.com and shamsizadeh@umsha.ac.ir
Instructor of Medical-Surgical Nursing
School of Nursing
Chronic Diseases Research Center
Besat Hospital
Hamadan University of Medical Sciences
Iran
- **Dr. Ali Mohammadpour:** amohammadpur@yahoo.com,
Professor of Nursing Education
School of Nursing
Social Determinants of Health Research Center
Gonabad University of Medical Sciences
Iran
- **Dr. Faraidoon Haghdooost:** faraidoonhaghdooost@gmail.com

MD, PhD
Research Fellow in Headache disorders
The George Institute for Global Health
Australia

