

CURRICULUM VITAE
BENYAMIN ALIMOHAMMADI
BScN, MScN
August 2025

PERSONAL INFORMATION

Last Name, First Name: Alimohammadi, Benyamin
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Work Address: Department of Nursing, School of Nursing & Midwifery, Qazvin University of Medical Sciences, Qazvin, Iran.
Postal Code: 34197-59748

Google Scholar Scopus ORCID

EDUCATION

- MSc – Critical Care Nursing

Guilan University of Medical Sciences| Rasht, Iran
Sep 2018 – Dec 2022
Thesis Title: Evaluation the accuracy of urine output monitoring device in measuring the amount of urine excreted in patients admitted to the intensive care unit of Dr. Heshmat Educational and Remedial Center after open cardiac surgery in Rasht in 2021.
Supervisor: Dr. Mohammad Taghi Moghadmania, MScN, PhD.

- BSc – Nursing

Qazvin University of Medical Sciences| Qazvin, Iran
Sep 2011 – Jul 2015

PROFESSIONAL EXPERIENCES

2025 – Present
Clinical Instructor, Nursing Faculty Member| Qazvin University of Medical Sciences, Qazvin, Iran

2023 - 2025
Nurse Practitioner in Emergency Department| Shahid Rajaei Hospital, Qazvin, Iran

2022 – 2023
Educational Supervisor| Rahimian Hosp, Alvand, Qazvin, Iran

2020 – 2021
Nurse Practitioner in General ICU| Rahimian Hosp, Alvand, Qazvin, Iran

2016 – 2020
Nurse in Orthopedic Ward | Shahid Rajaei Hospital, Qazvin, Iran

2017 – 2018
Editor – Nursing & Midwifery Journal Office| Qazvin University of Medical Sciences, Qazvin, Iran

2012 – 2015
Director – Nursing & Midwifery Student Research Committee| Qazvin University of Medical Sciences, Qazvin, Iran

LANGUAGE PROFICIENCY

CERTIFICATES

- TEC course in English language (2011)
- Advanced conversational course in English as a foreign language at Iranian Academic Center for education, Culture and Research (ACECR – 2010)

TEACHING EXPERIENCES

- Teaching Interchange course for college students, Qazvin University of Medical Sciences, Qazvin, Iran (2011-2012)
- Teaching Interchange and Top-Notch courses, Qazvin Province Institutions, Qazvin, Iran (2010-2013)

AWARDS & HONORS

- Excellent grade achievement for master's thesis titled "Evaluation the accuracy of urine output monitoring device in measuring the amount of urine excreted in patients admitted to the intensive care unit of Dr. Heshmat Educational and Remedial Center after open cardiac surgery in Rasht in 2021"
- Outstanding Nurse Researcher, Approved by Vice Chancellor for Treatment Affairs (5 January 2019)
- Outstanding Nurse Researcher, Approved by Vice Chancellor for Treatment Affairs (24 January 2018)
- Member of Iran's National Elites Foundation (2017 – Present)
- Top Researcher and Inventor, Qazvin University of Medical Sciences and Qazvin Province, Qazvin, Iran (December 8, 2015)
- Top Researcher Student, Qazvin University of Medical Sciences, Qazvin, Iran (June 30, 2015)
- Top Researcher in Nursing School, Qazvin University of Medical Sciences, Qazvin, Iran (February 1, 2015)
- Top Researcher in Qazvin University of Medical Sciences, Qazvin, Iran (December 14, 2014)
- Top Researcher in Qazvin Province, International Imam Khomeini University, Qazvin, Iran (December 10, 2014)
- Top Researcher in Qazvin University of Medical Sciences, Qazvin, Iran (December 14, 2013)

TRAINING COURSES

- BLS and ALS CPR, Guilan University of Medical Sciences, Rasht, Iran (14 December 2020)
- Endnote Workshop, Guilan University of Medical Sciences, Rasht, Iran (4 March 2019)
- Scientific Article Writing & Publishing Workshop, Guilan University of Medical Sciences, Rasht, Iran (3 December 2018)
- Research Proposal Writing Workshop, Guilan University of Medical Sciences, Rasht, Iran (23 December 2018)
- Management of Science Based Companies, Biomedical Technology Incubator, Pasteur Institute, Karaj, Iran (December 3-5, 2014)

- Methods of Pain Behavior Study, Neuroscience Lab, Qazvin University of Medical Sciences, Qazvin, Iran (2011)
- Methods of Epileptic Behavior Study, Neuroscience Lab, Qazvin University of Medical Sciences, Qazvin, Iran (2011)
- Methods of Stereotaxic Rat Brain Surgery and Cannulation, Neuroscience Lab, Qazvin University of Medical Sciences, Qazvin, Iran (2011)
- First Aid Standing Workshop, The 5th Annual Conference of Iran's Northern Universities of Medical Sciences, Semnan, Iran (2012)
- Drugs Standing Workshop, The 5th Annual Conference of Iran's Northern Universities of Medical Sciences, Semnan, Iran (2012)
- Research Methods Workshop, Qazvin University of Medical Sciences, Qazvin, Iran (2011)
- Medline Workshop, Qazvin University of Medical Sciences, Qazvin, Iran (2011)
- PBL Workshop, Qazvin University of Medical Sciences, Qazvin, Iran (2011)

UNIVERSITY APPROVED RESEARCH PROJECTS

[1] Assessment the effect of using ergonomic wedge pillows on lower extremities post-orthopedic surgery care factors in patients referred to Shahid Rajaei hospital. Deputy for Research, Medical School, Qazvin University of Medical Sciences (2018)

[2] Assessment the effect of *Ziziphora tenuior L.* leaf on pentylenetetrazol induced seizure and the level of blood antioxidant in mice. Deputy for Research, Medical School, Qazvin University of Medical Sciences (2015)

[3] Assessment the effect of Toxoplasma Gondi i infection on pentylenetetrazol-induced seizure susceptibility in mice. Deputy for Research, Medical School, Qazvin University of Medical Sciences (2014)

[4] Assessment the Effect of hydroalcoholic extract of *Scrophularia striata Boiss* on pain induced by Formalin Test and Hot Plate in mice. Deputy for Research, Paramedical School, Qazvin University of Medical Sciences (2014)

[5] Assessment the effect of hydroalcoholic extract of *Stachys lavandulifolia* on pentylenetetrazol induced seizure in mice. Deputy for Research, Paramedical School, Qazvin University of Medical Sciences (2013)

[6] Assessment the anticonvulsant activity of hydro - alcoholic extract of *Ziziphora tenuior L.* Stem on pentylenetetrazol induced seizure in mice. Deputy for Research, Medical School, Qazvin University of Medical Sciences (2013)

[7] Assessment the Effect of hydroalcoholic extract of *Scrophularia striata Boiss* on pentylenetetrazol induced seizure in mice. Deputy for Research, Nursing School, Qazvin University of Medical Sciences (2012)

PUBLICATIONS

[1] Alimohammadi B, Seyyed-Attaran F, Vali-shirin M, Piri H. Effect of Quercetin flavonoid on structural changes of recombinant human FGFR2b kinase domain. J Birjand Univ Med Sci. 2017; 24 (2) :94-100.

[2] Alimohammadi B, Moslem AR, Azhdari Zarmehri H, Kamranian H. The Roles of Opioid Receptors on Anticonvulsant Properties of Hydro Alcoholic Extract of Scrophularia striata Boiss in Mice. Journal of Sabzevar University of Medical Sciences. 2016; 23 (2): 204-213.

[3] Alimohammadi B, Mohammadi R, Nazemi S, Azhdari Zarmehri H. Antinociceptive Effects of Hydro-Alcoholic Extract of Scrophularia striata Boiss using Formalin. J Adv Med Biomed Res. 2016; 24 (105) :78-87.

[4] Azhdari Zarmehri H, **Alimohamadi B**, Abasian H, Nazemi S, Mohammadzadeh M. The Effect of Prenatal Exposures to Chronic Heterogeneous Stress on Anxiety-Like Behaviors in Adult Male Offspring in Rats. sjimu. 2016; 24 (3) :40-48.

[5] Piri H, **Alimohammadi B**, Saeidi F, Naderi F, Azhdari Zarmehri H. Anticonvulsant activity of hydro-alcoholicextract of Ziziphoratenuior L. on pentylenetetrazol induced seizure in mice. Journal of Sabzevar University of Medical Sciences. 2016; 23 (1): 151-160.

[6] Alimohammadi B, Azhdari Zarmehri H, Dolatshahi M. The antinociceptive effect of hydroalcoholic extracts of Scrophularia striata Boiss. On mice using hot plate test. jms. 2015; 3 (3) :7-1.

[7] Azimi Y, **Alimohammadi B**, Bagheri Kamarudi E, Mohammadi F. Design and manufacturing of the syncope detection and warning device in bathroom. J Qazvin Univ Med Sci. 2015; 19 (1) :38-44.

[8] Alimohammadi B, Azhdari Zarmehri H, Sofiabadi M, Moslem AR. Anticonvulsant Effect of Hydroalcoholic Extract of Scrophularia Striata Boiss. on Pentylenetetrazol-Induced Seizure in Mice. Journal of Kerman University of Medical Sciences. 2014; 21 (3): 207-218.

[9] Saeidi F, Azhdari Zarmehri H, Erami E, **Alimohammadi B**. The Effect of Hydroalcoholic Extract of Heracleum Persicum on Pentylenetetrazol _Induced Seizure in Mice. J Adv Med Biomed Res. 2013; 21 (86) :45-55.

CONFERENCE PRESENTATIONS

ORAL

[1] Benyamin Alimohammadi. Burn Emergency Conference. Qazvin University of Medical Sciences, Qazvin, Iran (4 February 2020)

POSTERS

[1] Benyamin Alimohammadi, Azam Mohammadi. Ergonomic Approach for Design & Manufacturing Wedge Pillow to Prevent and Modulation Vertebral Disorders and Back Pain. 20th Annual Iranian Congress of Physical Medicine, Rehabilitation and Electrodiagnosis (1-3 March 2017) - *Annual*

[2] Azam Mohammadi, **Benyamin Alimohammadi.** Design & Manufacturing Wedge Pillow in order to Prevent & Modulate Lower Extremity Vascular Disorders with Ergonomic Approach. 20th Annual Iranian Congress of Physical Medicine, Rehabilitation and Electrodiagnosis (1-3 March 2017) - *Annual*

[3] Benyamin Alimohammadi. Design and Manufacturing Urine Bag Monitoring Device. International Congress of Nephrology and Urology (10-12 June 2015) – *International*

[4] Azam Mohammadi, Mohammad Ali Soleimani, Benyamin Alimohammadi, Robabeh Mshhadi. Design and Manufacturing Endotracheal Tube Cuff Pressure Monitoring Device. 7th International Congress of Pulmonary Diseases (12-15 October 2015) – *International*

[5] Solmaz Nazari, **Benyamin Alimohammadi.** Design and Manufacturing Plantar Flexor and Dorsi Flexor Muscles Enhancer Device. 4th Basic and Clinical Neuroscience Congress, Tehran, Iran (December 23-25, 2015) - *International*

[6] Benyamin Alimohammadi, Fatemeh Saeidi, Hassan Azhdari Zarmehri. Assessment of the anticonvulsant properties of hydro alcoholic extract of Scrophularia striata Boiss following the use of Naloxone on PTZ-induced seizure in mice. 3rd Basic and Clinical Neuroscience Congress, Tehran, Iran (October 29-31, 2014) - *International*

[7] Younes Azimi, Fatemeh Mohammadi, Elham Bagheri Kamarudi, **Benyamin Alimohammadi.** Design and Manufacturing of Bathroom Faint Detection Device: An instant way to resuscitate the patients. 15th Annual Research Congress of Medical Students, Shahrud, Iran (September 2-5, 2014) - *Annual*

[8] Benyamin Alimohammadi, Hasan Abbasian, Hasan Azhdari Zarmehri. Assessment of Anxiety-Like Behaviors in Male Rats with Congenital Chronic Stress. 21st International Iranian Congress of Physiology and Pharmacology, Tabriz, Iran (August 23-27, 2013) - *International*

[9] Benyamin Alimohammadi, Fatemeh Saeidi, Elham Fetri, Hassan Azhdari Zarmehri. Screening the anticonvulsant effects of hydro alcoholic extracts of several plants on PTZ - Induced seizure in mice. 2nd Basic and Clinical Neuroscience Congress, Tehran, Iran (December 18-20, 2013) - *International*

[10] Fatemeh Saeidi, **Benyamin Alimohammadi,** Hassan Azhdari Zarmehri. Assessment the effect of hydroalcoholic extract of *Heracleum persicum* on pentylenetetrazol induced seizure in mice. 1st Basic and Clinical Neuroscience Congress, Tehran, Iran (November 7-9, 2012) - *International*

[11] Elham Fetri, **Benyamin Alimohammadi,** Fatemeh Saeidi, Hasan Azhdari Zarmehri. Assessment the effect of hydroalcoholic extract of *Hypericum perfuratum* on pentylenetetrazol induced seizure in mice. 1st Basic and Clinical Neuroscience Congress, Tehran, Iran (November 7-9, 2012) - *International*

[12] Benyamin Alimohammadi, Elaheh Erami, Mahmoud Elahdadi Salmani, Hasan Azhdari Zarmehri. Comparing anticonvulsant activity of hydroalcoholic extract of *Scrophularia striata* with Phenobarbital and Phenytoin on pentylenetetrazol induced seizure in mice. 1st Basic and Clinical Neuroscience Congress, Tehran, Iran (November 7-9, 2012) - *International*

[13] Ramin Mohammadi, Majid Yousefi, Nima Heidari Oranjaghi, **Benyamin Alimohammadi,** Hasan Azhdari Zarmehri. Assessment the Effect of hydroalcoholic extract of *Scrophularia striata* Boiss on pain induced by Formalin Test and Hot Plate. The 5th Annual Conference of Iran's Northern Universities of Medical Sciences, Semnan, Iran (May 15-18, 2012) - *Annual*

[14] Benyamin Alimohammadi, Elmira Ghasemi, Nima Heidari Oranjaghi, Hasan Azhdari Zarmehri. Assessment the Effect of hydroalcoholic extract of *Scrophularia striata* Boiss on pentylenetetrazol induced seizure in mice. The 5th Annual Conference of Iran's Northern Universities of Medical Sciences, Semnan, Iran (May 15-18, 2012) - *Annual*

INVENTIONS

[1] Alimohammadi B, Nazari S. Intermittent Leg Muscle Strengthening and Ankle Foot Drop Preventing Device. IR Patent 94651, Filled 30 September 2015, and Issued 8 January 2018.

[2] Alimohammadi B. Urine Bag Monitoring and Protection Device. IR Patent 88607, Filled 18 August 2014, and Issued 7 May 2016.

[3] Alimohammadi B, Mohammadi A. Continues Cuff Pressure Monitoring Device. IR Patent 87566, Filed 6 July 2014, and Issued 27 December 2015.

[4] Alimohammadi B. Prophylactic and Modulator Device for Lower Extremity Edema and Varicose Veins. IR Patent 85112, Filled 4 February 2014, and Issued 23 February 2015.

[5] Azimi Y, **Alimohammadi B**, Bagheri-Kamarrudi E. Bathroom Faint Detection Device. IR Patent 83495, Filled 18 March 2014, and Issued 5 August 2014.

[6] Alimohammadi B. Bed Falling Preventing Device. IR Patent 84605, Filled 15 February 2014, and Issued 24 December 2014.

[7] Alimohammadi B. Warning Urine Bag. IR Patent 78955, Filled 16 January 2013, and Issued 11 March 2013.

[8] Alimohammadi B. Needle Stick Preventive Cover. IR Patent 81277, Filled 19 September 2013, and Issued 1 December 2013.

INVENTION COMMERCIALIZATION PROJECTS

PRE-GROWTH STAGE

[1] Design and manufacture of urine bag alarm device, Qazvin Biomedical Technology Incubator, Qazvin University of Medical Sciences, Qazvin, Iran (19 March 2014)

[2] Design and manufacture of ETT Cuff Pressure Monitoring Device, Qazvin Biomedical Technology Incubator, Qazvin University of Medical Sciences, Qazvin, Iran (29 April 2020)

GROWTH STAGE

[1] Commercialization of Urine Bag Alarm Device, Qazvin Biomedical Technology Incubator, Qazvin University of Medical Sciences, Qazvin, Iran (4 January 2017)

REFERENCES

Prof. Mohammad Ali Soleimani, MScN, PhD.
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Dr. Hassan Azhdari Zarmehri, MSc, PhD.
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Torbat Heydariyeh University of Medical Sciences| Torbat Heydariyeh, Iran
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Dr. Hossein Rafiei, MScN, PhD.
Assistant Professor of Nursing
Qazvin University of Medical Sciences| Qazvin, Iran
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Dr. Mohammad Taghi Moghadamnia, MScN, PhD.
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