

Curriculum Vitae

Research and Educational Background

Ladan Sedighi, Bsc, MScN, PhD

Assistant professor, Department of Medical Surgical Nursing, School of Nursing and Midwifery

Marital Status: Married/ Birth Date: 16 September, 1985/ Cell Phone: +98-918818917

E-mail: L.Sedighie@yahoo.com, Sedighie@sbmu.ac.ir

<https://scholar.google.com/citations?user=Hv0c7JYAAAJ&hl=en>

Research interest: Critical care nursing/pain management

H Index: 11

Citations: 656

Education

<u>Degree</u>	<u>Institution</u>	<u>Major</u>	<u>GPA (Out of 100)</u>	<u>Graduation Date</u>
Ph.D	Tehran University of Medical Sciences	Nursing	95	2019
MSc.	Hamedan University of Medical Sciences	Intensive care nursing	92	2012
BSc.	Hamedan University of Medical Sciences	Nursing	91.5	2008
Associate's Degree	Hamedan University of Medical Sciences	Anaesthesiology nursing	94	2005

- The provincial nurse of the year in 2013 (for the second time)

Professional Experience and Executive Positions

A. Occupational Background

<u>Years</u>	<u>Position</u>	<u>Institution</u>	<u>Location</u>
2007	ETC (anesthesiology staff of electroconvulsive therapy unit for patients admitted to psychiatric wards)	Hamedan University of Medical Sciences	Farshchian Hospital
2007	ICU (general and infectious diseases ICU)	Hamedan University of Medical Sciences	Farshchian Hospital
2010	ICU staff	Hamedan University of Medical Sciences	Farshchian Hospital
2010	Head of the plasmapheresis ward	Hamedan University of Medical Sciences	Farshchian Hospital
2008	The senior member of hospital's clinical audit	Hamedan University of Medical Sciences	Farshchian Hospital
2010	Clinical governance expert of hospital	Hamedan University of Medical Sciences	Farshchian Hospital
2009	The head of the cardio respiratory equipment unit of the crisis team	Hamedan University of Medical Sciences	Farshchian Hospital
2020	Head of COVID-19 .ICU ward	Hamedan University of Medical Sciences	Farshchian Hospital
2020	Lecturer of clinical courses in the hospitals	-	October 2020-Now

Receiving incentives on more than 10 occasions from the president and the matron of the hospital

--

B. Professional Position		
<u>Years</u>	<u>Position</u>	<u>Institution</u>
2022	Secretary of the pain committee of the nursing assistant	Ministry of Health, Treatment and Medical Education of the country
2021	Academic advisor for undergraduate students	Shahid Beheshti University of medical sciences
Academic Achievements		
PhD	Cum Laude (highest GPA) -a gifted student	
MSc	Cum Laude - a top ranking student	
BSc	Cum Laude, the best student in the province (2008) - the nursing student of the year (2008)- a gifted student (admitted to master's program without a qualification exam)	
Associate's Degree	Cum Laude - the top ranking student	

Teaching Background

A. Practical and Theoretical Teaching

No	Theoretical courses	Practical courses	Teaching course and target group			Related/non-related course
			Major	Semester	Number of credits	
1	-	ICU training course	Undergraduate nursing			Related
2	-	Neurosurgery training course	Undergraduate nursing			Related
3	-	Pediatric training course	Undergraduate nursing			Related
4	-	Surgery training course	Undergraduate nursing			Related
5	-	Hematology training course	Undergraduate nursing			Related
6	-	ENT and ophthalmology training course	Undergraduate nursing			Related
7	-	ICU training course	Undergraduate nursing			Related
8	-	Gastroenterology training course	Undergraduate nursing			Related
9	-	Nursing technique training course	Undergraduate nursing			Related
10	Injection	-	Medicine			Related
11	Nursing technique	-	Undergraduate nursing			Related
12	Nursing theories	-	Undergraduate nursing			Related

13	Intensive care courses	-	Graduate and undergraduate nursing			Related
14	Surgical-internal medicine courses	-	Graduate nursing and ER			Related
15	Academic refereed journals	-	-			

- Receiving intensives from the head of Internal Surgery Department of the School of Nursing and Midwifery, Shahid Beheshti University of Medical Sciences, for cooperation with the Internal Special Surgery and Nursing Technique Department.

Articles:

1. Nasirmoghadas A, Rahimi Y, Yavari MB, Dinpajuh Z, Hosseini SE, Sedighi L. Effect of Acupressure on Pain Severity and Vital Signs in Coronary Artery Disease: A Systematic Review and Meta-Analysis. Sage Open Nursing. 2026;12. doi:10.1177/23779608261447629
2. Goli Shirdar, M., Pazokian, M., **Seddighi, L.**, Qanbari Qalehsari, M., & Jafarzadeh, M. (2026). The Effect of Pain Management Educational Program based on KERN's Educational Model on Nurses' Performance in Surgical Wards. Evidence Based Care, 15(4), 42-54.1. Ghanei Gheshlagh, R., Dehvan, F. and Sedighi, L., 2025. Moral sensitivity in Iranian nurses: insights from a nationwide meta-analysis. BMC nursing, 24(1), p.294.
3. Nasirmoghadas A, Pourhasan K, Rahimi Y, Zarazmi MA, Arabdoost M, **Sedighi L.** **The Effect of an Evidence-Based Oral Care Algorithm on Oral Health of Critical Care Patients: A Randomized Controlled Trial.** Sage Open Nursing. 2025;11. doi:10.1177/23779608251391498
4. Nasirmoghadas, A., Salimi Akinabadi, A., Rahimi, Y. et al. **The effect of a clinical approach to ventilator alarm management on alarm fatigue in intensive care nurses: a randomized controlled trial.** BMC Nurs 24, 815 (2025). <https://doi.org/10.1186/s12912-025-03500-3>
5. Arab Shahraby M, **Sedighi L**, Sanaei N, Nasiri M. **The Effect of Early Mobilization Techniques on Meliorating Fatigue and Physical Activity Tolerance of Patients Admitted to Cardiac Intensive Care Units.** Arch Anesth & Crit Care. 2025;11(4):501-508.
6. Sharafi S, **Sedighi L**, Sanaei N, Sanaei N, Nasiri M. **Investigating the Impact of Nature Music and Acupressure on the Pain Intensity of Conscious Patients Hospitalized in ICU.** Arch Anesth & Crit Care. 2025;11(4):442-447
7. Saeed Y, Sanaie N, Shirozhan S, Khari S, **Sedighie L.** **What Are the Most Common Ventilator Alarms in the ICU? An Integrative Review.** Arch Anesth & Crit Care. 2025;11(4):585-595.
8. Ghanei Gheshlagh, R., Dehvan, F. & **Sedighi, L.** **Moral sensitivity in Iranian nurses: insights from a nationwide meta-analysis.** BMC Nurs 24, 294 (2025). <https://doi.org/10.1186/s12912-025-02940-1>.
9. **sedighi L**, Shirozhan S, Talebi-Ghane E, Taher A, Eliasi E, Gomar R, Mollai Z. **Comparison of the accuracy and the response time to behavioral pain scales (BPS and CPOT) during painful procedures in the intensive care unit.** J Educ Health Promot. 2024 Sep 28;13:334. doi: 10.4103/jehp.jehp_780_23. PMID: 39679013; PMCID: PMC11639417.

10. **Sedighi L**, Khari S, Hasheminik M, Salimi Akinabadi A, Alipour H, Shafigh E, Shafigh N. **The effect of artificial saliva on the control of dry mouth: a semi-experimental study on COVID-19 patients under Non-invasive mechanical ventilation.** BMC Oral Health. 2024 May 31;24(1):643. doi: 10.1186/s12903-024-04386-4. PMID: 38822326; PMCID: PMC11140887.
11. Akbarpour, M.H., Zandi, M., Sedighi, L. and Ghalesari, M.G., 2023. **Evaluating the Effect of Olfactory Training on Improving the Sense of Smell in Patients with COVID-19 with Olfactory Disorders: A Randomized Clinical Trial Study.**
12. Taher, A., Lashkari, M., Keramat, F., Hashemi, S. H., **Sedighi, L.**, Poorolajal, J., et al. **Comparison of the efficacy of equivalent doses of dexamethasone, methylprednisolone, and hydrocortisone for treatment of COVID-19-related acute respiratory distress syndrome: a prospective three-arm randomized clinical trial.** Wiener Medizinische Wochenschrift. **2023**;173(5-6):140-51.
13. Mollai, Z., **Sedighi, L.**, Mehrnaz, A. **Association Between Mortality of Covid-19 And Demographic Characteristics and Clinical Status of Hospitalized Patients: A Retrospective Cohort Study.** 2023.
14. Rahimibashar, F., **Sedighi, L.**, Shahriary, A., Reiner, Z., Pourhoseingholi, M. A., Mirmomeni, G., et al. **Is there any association between plasma lipid profile and severity of COVID-19? Clinical Nutrition ESPEN.** **2022**;49:191-6.
15. Taher, A., Lashgari, M., **Sedighi, L.**, Rahimi-Bashar, F., Poorolajal, J., Mehrpooya, M. **A pilot study on intravenous N-Acetylcysteine treatment in patients with mild-to-moderate COVID19-associated acute respiratory distress syndrome.** Pharmacological Reports. **2021**;73(6):1650-9.
16. **Sedighie, L.**, Akin Abadi, A. S., Ahmadi, M., Shirozhan, S., Rassouli, M. **An Overview of the Status of Spiritual Care in Nursing Education in Iran and the World.** Africa Journal of Nursing & Midwifery. **2021**;23(2).
17. Ahmadi, M., Estebarsari, F., Poormansouri, S., Jahani, S., **Sedighie, L.** **Perceived professional competence in spiritual care and predictive role of spiritual intelligence in Iranian nursing students.** Nurse Education in Practice. **2021**;57:103227.
18. **Sedighie, L.**, Bolourchifard, F., Rassouli, M., Zayeri, F. **Effect of comprehensive pain management training program on awareness and attitude of ICU nurses.** Anesthesiology and pain medicine. **2020**;10(2).
19. **Sedighie, L.**, Bolourchifard, F., Rassouli, M., Sanee, N. **Evaluating the implementation of pain management templates in adult intensive care units: A systematic review.** Anaesthesia, Pain & Intensive Care. **2020**;24(2):151-67.

20. **Sedighi, L., Mollai, Z., Ahmadi, M., Bolourchifard, F. The effect of using behavioral pain scale (BPS) by nurses on diagnosis of pain and relief care in ICU patients.** Avicenna Journal of Nursing and Midwifery Care. **2019**;27(4):260-8.
21. **Sanaie, N., Vasli, P., Sedighi, L., Sadeghi, B. Comparing the effect of lecture and Jigsaw teaching strategies on the nursing students' self-regulated learning and academic motivation: A quasi-experimental study.** Nurse education today. **2019**;79:35-40.
22. **Gomarverdi, S., Sedighie, L., Seifrabiei, M. A., Nikooseresht, M. Comparison of two pain scales: Behavioral pain scale and critical-care pain observation tool during invasive and noninvasive procedures in intensive care unit-admitted patients.** Iranian journal of nursing and midwifery research. **2019**;24(2):151.
23. **Poormansouri, S., Ahmadi, M., Sedighie, L., Beiranvand, S., Ilkhani, M. Massage for Pain Management in Patients with Sickle Cell Disease: A Review Study.** **2018.**
24. **Ahmadi, M., Sedighie, L., Rohani, C. Evidence-based review in the field of developing critical appraisal tools for quantitative studies.** Scientific Journal of Nursing, Midwifery and Paramedical Faculty. **2018**;3(3):57-72.
25. **Ahmadi, M., Poormansouri, S., Beiranvand, S., Sedighie, L. Predictors and correlates of fatigue in sickle cell disease patients.** International Journal of Hematology-Oncology and Stem Cell Research. **2018**;12(1):69.
26. **Ahmadi, M., Izadi, A., Poormansouri, S., Sedighie, L., Estebsari, F., Zarea, K. Relationship between nursing students' professional competence in spiritual care and spiritual intelligence.** Avicenna Journal of Nursing and Midwifery Care. **2018**;25(5):189-99.
27. **Ahmadi, M., Ilkhani, M., Beiranvand, S., Poormansouri, S., Sedighie, L. Massage for pain management in patients with sickle cell disease: a review study.** Jundishapur Journal of Chronic Disease Care. **2018**;7(1).
28. **Safari, M., Sedighi, L., Seresht, M. N., Soltanian, A. R. The effectiveness of Behavioral Pain Scale in the assessment of pain in patients with low level of consciousness.** Anesthesiology and Pain. **2012**;3(3):22-0.

Books

Year	Authors/Editors	Title	Publication Company
2024	Abas.abbas zadeh.ladan sedighi	Medical and surgical nursing care	Jame negar
2019	Ladan sedighie, Fariba Bolourchifard Shima Shirozhan	Pain Management: from Diagnosis to Relief	Shahid Beheshti University of Medical Sciences
2003	editor	Common Mental Diseases among Children and Adolescents, and the Related Nursing	Hamedan University of Medical Sciences
2006	editor	Child Care: Basic Guide	Hamedan University of Medical Sciences

Lectures

NO	Title	Congress	Date	place
1	Speaker and responsible for organizing a one-day national workshop on pain management in patient departments(Deputy Minister of Nursing, Ministry of Home Affairs)	Pain management in inpatient wards	2023	Ministry amphitheater
2	Speaker of the Palliative Medicine Seminar - Shiraz - Amir Hospital	Three-day seminar on palliative medicine in cancer patients	2023	Amphitheater of Amir Shahr Hospital in Shiraz
3	Speaker of the Palliative Medicine Seminar - rasht	Three-day seminar on palliative medicine in cancer patients	2023	Rasht university of medical sciences
4	Early mobility in ICU	International intensive care congress	0202	IRAN university of medical sciences
5	Webinar: Acute pain in special care units	Acute pain in intensive care units	2023	virtual
6	Speaker of the 18th Congress of Children's Emergencies in Mofid Hospital (Lecture Title: Pain Assessment Tools in the World and in Children)	The 18th Congress of Pediatric Emergencies	2023	Mofid hospital
7	Webinar: acute pain in intensive care units	Ministry	2023	virtual
8	webinar : clinical pharmacology in intensive care units	Ministry	2023	virtual

Arbitration documentation

NO	Number of referees	Journal name	Date
1	6 arbitrations have been held.	Advance in nursing and midwifery	2022-2025
2	1 arbitrations have been held.	BMC nursing	2024