

Isfahan University of Medical Sciences
Curriculum Vita (CV)



Assistant professor Akram Aarabi

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Degrees

- PhD in nursing 2015 – Iran university of medical sciences, Tehran Iran.
- Master of sciences in Nursing Education: Medical-Surgical field. 1998
- BS in Nursing. 1991

Articles

- The Effects of Surgery Cancellation on Patients, Families, and Staff: A Prospective Cross-Sectional Study. 2021. *Journal of Peri-Anesthesia Nursing*.
- The effect of a flexible family visit on nausea, vomiting, pain and physiological parameters after laparoscopic cholecystectomy in post-anesthesia care unit: A randomized controlled trial. 2021. *Perioperative Care and Operating Room Management*.
- Quality improvement through lean A3 method for foot traffic in operating room. 2021. *Perioperative Care and Operating Room Management*.
- Prejudice and truth about the effect of plastic adhesive incise drape. Letter to editor. 2020. *International Journal of Preventive Medicine*.
- Prevalence of surgical site infection after orthopaedic surgery with two types of

drainage at three public hospitals in Iran. 2020. *International journal of orthopedic and trauma nursing*.

- Workplace Violence and Related Factors In Operating Rooms In Iran: A Cross-Sectional Study. 2020. *Urmia Medical Journal*. [In Percian].
- Comparison of the Knowledge and Performance of Surgical Technicians and Technologists Regarding the Observance of the Aseptic Technique. 2019. *Iran Journal of Nursing*. [In Percian].
- Attitudes of Healthcare Professionals toward Patient Safety in the Operating Room. 2019. *Iran Journal of Nursing*. [In Percian].
- Effect of Incise Drape on Contamination Rate of Surgical Wound during Surgical Procedures of Lumbar Spine. 2019. *Advanced Biomedical Research*.
- Evaluation of Warming Effectiveness on Physiological Indices of Patients Undergoing Laparoscopic Cholecystectomy Surgery: A Randomized Controlled Clinical Trial. 2019. *Journal of Peri-Anesthesia Nursing*.
- Reduced Mental Workload of Neonatal Intensive Care Unit Nurses through a Self-designed Education Class: A Randomized Controlled Trial. 2019 *Iranian Journal of Nursing and Midwifery Research*.
- The Effect of Training about the New Intraoperative Care Documentation Forms on the Operating Room Personnel's Function in the Context of the Documentation. 2019. *Journal of nursing education*. [In Percian].
- The effects of an empathy role-playing program for operating room nursing students in Iran. 2018. *Journal of Educational Evaluation for Health Professions*.
- Effect of a role-playing based training program about empathy with patient on communication skills scores of operating room students: A quasi experimental study. 2019. *Journal of Education Strategies in Medical Sciences*. [In Percian].
- Evaluation of Microorganism Colonization on Laparoscopic Instruments after Surgery and Following Two Different Cleaning Methods. 2018. *Journal of Isfahan Medical School*. [In Percian].
- The Effect of Incise Drape on the Incidence of Surgical Site Infection following Lumbar Spine Surgeries. 2018. *Journal of Isfahan Medical School*. [In Percian].
- Evaluating Empathy for Patient Score and its Related Factors in Undergraduate Operating Room Students. 2018. *The J Urmia Nurs Midwifery Fac*. [In Percian].
- Effect of Implementation of Surgical Counting and Surgical Specimen Care Documentation Forms on Number of Reported Errors in Operating Rooms of Two Hospitals In Isfahan, Iran. 2018. *The J Urmia Nurs Midwifery Fac*. [In Percian].
- Prevalence of eczema and related factors in Operating Room Technologists in

Educational Hospitals of Iran University of Medical Sciences. 2018. *Journal of allied health science and army health*. [In Percian].

- Healthcare providers' attitude regarding effectiveness of healthcare team in operating room. 2017. *Pharmacophore journal*.
- Effect of stock time on colonization of sterile packs in CSSD of AL Zahra hospital. Isfahan. 2017. *Pharmacophore journal*.
- Compliance with ergonomic standards in operating room personnel of selected hospitals of Isfahan University of medical sciences. 2017. *Pharmacophore journal*.
- Comparison between Betadine %10 and Chlorhexidine %2 in Isopropyl %70 as body prep solution on skin colonization in AL Zahra hospital. Isfahan. 2017. *Pharmacophore journal*.
- Iranian nurses status in policy making for nursing: A qualitative content analysis. 2015. *The open nursing journal*.
- Modification of nursing education for upgrading nurse's participation: A thematic analysis. 2014. *Global journal of health science*.
- Nurses' policy influence: a concept analysis. 2014. *Iranian journal of nursing & midwifery researches (IJNMR)*.
- Factors effecting on Iranian nurses' participation in policy making for nursing in health system. 2014. *International journal of advanced nursing studies*
- Proposing a syllabus for the operation room B.S. courses in Iran. 2010. *Iranian journal of nursing & midwifery research*.
- Evaluation of the curriculum for undergraduate course of operating room in international level and suggesting an appropriate curriculum for Iran. 2009. *Iranian journal of nursing & midwifery research*.
- Patient experiences of mechanical ventilation. *Iranian journal of nursing & midwifery research*. 2009
- The effect of telephone follow-up on different domains of quality of life in patients with pacemaker at pacemaker implantation clinic in Chamran Hospital of Isfahan in 2007. *Iranian journal of nursing & midwifery research*. 2009
- Health care personnel compliance with standards of eye and face protection and mask usage in operating rooms *Iranian journal of nursing & midwifery researches(IJNMR)*. 2008
- Compliance with anti-tuberculosis agents & relationship with some known factors. *Scientific journal of Isfahan nursing & midwifery faculty*. 1998. [In

Percian].

Books

- Acquaintance with knowledge of radiology for surgical technologists. Heidari. 2021. [In Persian].
- Empathy to patient with role-playing technique. *Mani. 2019.* [In Persian].
- General laparoscopic surgery for surgical technologists. *Jame e negar. 2018.* [In Persian].
- Ophthalmic surgery technology. *Jame e negar.2015.* [In Persian].
- Exam bank for PhD in nursing in addition to their responses. 2009. *Behin rayane javanan sepahan company (CD).* [In Persian].
- Log book for bachelor of science in surgical technology. *Asemanegar. 2008.* [In Persian].
 - Appendix of log book for Bachelor of Science in surgical technology. *Asemanegar. 2008.* [In Persian].
- Respiratory care & mechanical ventilation. *deputy of research - Esfahan university of medical sciences. 2008.* [In Persian].
- Black`s medical surgical nursing (translation to Persian for respiratory system-immune system-cancer). *reaserch deputy - Esfahan university of medical sciences. 2006.*
- Forensic nursing. *deputy of research isfahan university of medical sciences. 2010.* [In Persian].

Conferences

- 1st Annual research congress of Iranian operating room students. 2019. *Aliabadkatoul. Iran.*
- 1st Annual research congress of Iranian operating room students. 2018. *Tehran. Iran.*
- 17th international congress of minimally invasive surgery. *Oral presentation and poster presentation, 2017, Isfahan, Iran*
- National conference on individual's family's and community' health. *Poster presentation. 2017. Isfahan university of medical sciences, Iran*
- International congress of Gynecology and obstetrics minimally invasive surgery. *Ethic's panel of experts. 2015. Tehran. Iran.*
- 3rd euro nursing and Medicare summit. *Oral presentation. 2015, Valencia. Spain. 2015.*
- The first conference of qualitative researches in nursing. *Board of directors. 2015. Birjand .Iran*
- Nurses and health policy making. *Oral presentation. Imam Khomaini hospital. Tehran. Iran. 2011.*

- The first conference of new methods in operating room: treatment and care. *Board of directors in panel. Isfahan Iran. 2010.*

• Implementation of strategic plan process. *3th shaheed motahary festival. Tehran. 2010. Iran.*

• Process & results of internal evaluation. *3th shaheed motahary festival. Tehran. 2010. Iran.*

• Log book for bachelor of science in surgical technologist shaheed *motahary festival. Tehran. 2009. Iran.*

• Health care personnel compliance with standards of personal protective equipment usage in operation rooms of selected hospitals of Isfahan in Iran. Oral presentation, *2007. Isfahan. Iran.*

• 16th world congress of the world society of cardio-thoracic surgeons. *Poster presentation. 2006. Ottawa. Canada.*

• 8th international congress of behavioral medicine. *Compliance with anti-tuberculosis agents. Poster presentation. 2004, Miens. Germany.*

• Nursing care of the mechanically ventilated patients. *Oral presentation. 2003. AL Zahra hospital. Isfahan. Iran.*

• The 2ed student seminar of science & research. *Compliance with anti-tuberculosis agents. Oral presentation. 1998, Isfahan. Iran.*

Founding and Planning

- Founding and planning for the curriculum of the Bachelor of Science in operating room technology in the way of continuous and non-continuous. *2007.*
- Founding and planning for the curriculum of the Master of Science in operating room technology. *2013.*
- Revising the curriculum of the Bachelor of Science in operating room technology. *2014.*
- Founding for the operating room technology major in more than thirty universities all over Iran from 2007 till now.

Honors, Prizes and Awards

- Award of the best book of the year (log book for bachelor of science in surgical technology *deputy of research Isfahan university of medical sciences. 2009. Isfahan, Iran.*
- Honor of konkour for master of science in nursing. *1994.*
- Honor of the under graduated B.S nursing students. *1991.*

Professional Experiences

- Member of the ethic committee in faculty of nursing and midwifery. Isfahan university of medical sciences. From Jan 2022.
- Deputy of education in faculty of nursing and midwifery. Isfahan university of medical sciences. From Des 2021.

- Secretary of elected committee (the committee for promotion of academic members) in faculty of nursing and midwifery. Isfahan university of medical sciences. From Dec 2021

- Head of the operating room department. *From Feb 2015 till May 2020.*

- Head of the operating room department. *From Oct 2009 till Apr 2010.*

- Secretary (Head) of the board of operating room technology. *From 2014.*

- Member of the board of operating room technology. *From 2007.*

- Member of internal evaluation committee in Isfahan nursing & Midwifery faculty. *2009 - 2010.*

- EDO (education development center) member. *2005 - 2010*

- Head of course planning committee as a subgroup in EDO in Isfahan nursing & Midwifery faculty. *2008.*

Research Projects

- A comparison between workload of surgical team members. 2021. Still in process.
- Investigation of the questions and needs of patients just before surgery. A qualitative research. 2020, still in process.
- Prevalence of orthopedic surgical site infections (SSI) and related factors in selected Isfahan medical centers affiliated to Isfahan University of medical sciences. 2016-2018.

- Compliance with standards of using personal protective equipment & relating factors in OR personnel *2007 - 2008*

- Compiling recommended curriculum for bachelor of science of surgical technology in Iran 1386 *2007 - 2007*

- Assessment of curriculum for surgical technology program in international level and recommending an appropriate curriculum for this course in Iran *2007 - 2007*

- Patient experiences of mechanical ventilation. A qualitative research. *2005 - 2005*

- compliance with anti-tuberculosis agents *1997 - 1998*

Skill Improvements

- Workshop: virtual learning
- Workshop: gamification
- Workshop: creation in teaching
- Workshop: teaching based on emotional intelligence
- Workshop: Electronic education.
- Workshop: How to use NAJMA software for evaluating students.
- Workshop: How to use Maxqda software
- Workshop: Systematic review
- Workshop: referencing by Harvard's method
- Workshop: How to measure validity
- Workshop: Q method

- Lecture: H1N1 influenza

- Workshop: Medline
- Workshop: SPSS
- Lecture: designing your mind & how to change it
- Workshop: duties of teachers & educational instructions
- Workshop: education of research method
- Workshop: educational planning, teaching methods & evaluation
- Workshop: End Notes
- how to do an effective relationship with yourself & others
- Workshop: how to guide & consult with your student
- Workshop: how to guide & consult with your student
- Workshop: ICDL
- Workshop: improving quality of clinical education
- Workshop: meta-analysis
- Workshop: new methods in clinical education
- Workshop: primary workshop of teaching methods and planning
- Workshop: qualitative research methods
- Workshop: questioner planning & survey studies
- Workshop: recording nursing interventions
- Workshop: teaching-learning in clinic
- Workshop: how to write an article in English language
- Workshop: Critical appraisal

Theses Supervision

- Effect of telephone follow up and group session on quality of life in patients with permanent pacemaker refer to the pacemaker unit at Chamran hospital. *As second supervisor 2007 - 2008*
- Effect of reeducation classes and a self-design class on mental workload of NICU nurses in selected hospitals of Isfahan University of medical sciences. *As first supervisor 2016-2017.*
- Comparison between Betadine %10 and Chlorhexidine %2 in Isopropyl %70 as body prep solution on skin colonization in AL Zahra hospital. Isfahan. *As first supervisor 2016-2017.*
- Comparison between AAMI method for decontamination of laparoscopic instruments and conventional method on colonization in AL Zahra hospital. Isfahan. *As first supervisor 2016-2017.*
- Effect of two methods for warming including intravenous warm solution and compressed air blankets on physiological indices and shivering of patients undergoing laparoscopic cholecystectomy in AL Zahra hospital. Isfahan. *As first supervisor 2016-2017.*
- Effectiveness of teamwork and some related factors in operating room health care providers in selected hospitals of Isfahan University of medical sciences. *As first supervisor 2016-2017.*

- Effect of stock time on colonization of sterile packs in CSSD of AL Zahra hospital. Isfahan. *As second supervisor 2016-2017.*
- Compliance with ergonomic standards in operating room personnel of selected hospitals of Isfahan University of medical sciences. *As second supervisor 2016-2017.*
- Investigating the Effect of a Role-Playing Training Program for Empathy with Patients on Empathy Scores of Operating Room Students: A Clinical Trial. *As first supervisor 2017-2018.*
- Effect of Intraoperative Care Documentation Forms on Number of Reported Errors in Operating Rooms of Two Hospitals in Isfahan. *As first supervisor 2017-2018.*
- Effect of Incise Drape on Contamination Rate of Surgical Wound during Surgical Procedures of Lumbar Spine: A quasi-experimental study. *As first supervisor 2017-2018.*
- A survey of violence in operating rooms and related factors in educational hospitals in Isfahan. *As second supervisor 2017-2018.*
- Prevalence of eczema and related factors in Operating Room Technologists in Educational Hospitals of Iran University of Medical Sciences. *As second supervisor 2017-2018.*
- Investigating the consequences of cancellation and delay of surgical procedures in patients, families, and Personnel and its relation with some factors in operating rooms of selected centers of Isfahan University of medical science. *As first supervisor 2017-2018.*
- Survey of clinical competency of operating room personnel and its related factors in hospitals affiliated to Isfahan University of medical sciences. *As first supervisor 2017-2018.*
- The effect of A3 method on orthopedic operating room traffic of Ayatollah Kashani Hospital in Isfahan. *As first supervisor 2017-2018.*
- Comparison between acupuncture and family visit on nausea and vomiting and physiologic indices after laparoscopic cholecystectomy. *As first supervisor 2019-2020.*
- Relationship between duration of fasting before surgery with physiologic indices and duration of hospitalization in Imam Hussein hospital. *As first supervisor 2019-2020.*
- Comparison between acupuncture and transcutaneous electrical stimulation on nausea and vomiting, pain and physiologic indices after Cesarean section. *As second supervisor 2019-2020.*
- The effect of soundproof headphone during orthopedic surgery with spinal anesthesia on patients' physiological indices and duration of recovery: a randomized controlled clinical trial. *As first supervisor. 2020-2021.*
- Designing a perioperative documentation protocol for enhancing patient safety in operating room. *PhD Thesis. As first supervisor. 2021-2022.*
- Comparison between the effect of using standards of AORN for surgical sponge counting with present situation on counting errors in selected operating rooms of Isfahan University of Medical Sciences. *As first supervisor. 2021-2022.*
- Comparative of the effect of two mouthwashes of chlorhexidine and sodium bicarbonate on the onset of Covid19 symptoms in vaccinated operating room staff of selected hospitals of Isfahan University of Medical Sciences *As first supervisor. 2021-2022.*
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