

HIGHLIGHTS OF QUALIFICATIONS:

- University education: Anesthesiologist & Intensivist (ICU Fellowship) with 10+ years of experience in anesthesiology and ICU services.
- Associate professor of school of medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran doing different research projects and publishing more than ۳۳ papers in international and national journals (۱۵ of them in ISI indexed and well-known journals) in addition to providing more than hundreds of hours of teaching and training sessions for medical students, interns, and residents.
- Director of the research center for quality improvement in critical care
- Head of anesthesia and intensive care unit department and general operation hall of Shahid Modarres hospital (a ۴۷۰ bed tertiary care general teaching hospital in Tehran)
- ICU program manager of Shahid Beheshti University of Medical Sciences

RESEARCH PROJECTS & ACTIVITIES

a. **Research Project:** some of the important projects are included below:

۱. Design and Evaluation of a Real-time Dashboard to Reduce Ventilator-Associated-Pneumonia in Intensive Care Unit (۲۰۱۵)
۲. Assessing the effect of NAC on liver function test in patients with elective CABG on CPB (۲۰۱۵)
۳. Study of risk factors effective in late extubation after gastric pull up surgery in Mofid hospital. (field : MOFID CHILDREN HOSPITAL) (۲۰۱۳)
۴. Supervising the design and implementation of a web-based software that integrates the administrative procedures related to the organizational charts of medical sciences universities (۲۰۱۲)
۵. Designing the operational planning system at the Ministry of Health and Medical Education (MOHME) of Iran (Position: team supervisor) (۲۰۱۱)

b. **Papers:** some of the more important and recent published papers include:

۱. Intravenous magnesium sulfate for post-operative pain in patients undergoing lower limb orthopedic surgery. Acta Anaesthesiologica Scandinavica. ۲۰۰۹;۵۳(۸):۱۰۸۸-۱۰۹۱ (۵۸ CITATIONS)
۲. Cardiac rehabilitation using the Family-Centered Empowerment Model versus home-based cardiac rehabilitation in patients with myocardial infarction: a randomised controlled trial. Open heart. ۲۰۱۶;۳(۱):e۰۰۰۳۴۹
۳. Intensive Care at Home: An Opportunity or Threat. Anesthesiology and pain medicine. ۲۰۱۶;۶(۲).

۴. Emotional Intelligence as an Effective Tool in Improving performance of managers. (Journal of Basic and Applied Scientific Research) (ISI indexed)
۵. The Effect of unsaturated fatty acids on molecular markers of cholesterol homeostasis in THP-۱ macrophages (Iranian Red Crescent Medical Journal) ۲۰۱۳; ۱۵(۷):۵۵۴. (Pubmed & ISI indexed)
۶. Comparison between CT-scan and trans-abdominal sonography in celiac and splanchnic plexus blocks in patients with advanced pancreatic head cancer. Tanaffos. ۲۰۰۹; ۸(۳):۵۱-۵۷.
۷. Do the Concentration and Volume of Local Anesthetics Affect the Onset and Success of Infraclavicular Anesthesia? Anesthesiology and pain medicine. ۲۰۱۵; ۵(۴).
۸. A Proposed adaptation of joint commission international accreditation standards for Hospital-JCI to the health care Excellence model. Advances in Environmental Biology ۲۰۱۳: ۹۵۶-۹۶۸. (ISI indexed)
۹. Expression of glucose transporter^۴ (GLUT^۴) is increased by Cinnamaidehyde in c۲c۱۲ mouse cells (Iranian Red Crescent Medical Journal) (Pubmed& ISI indexed)
۱۰. Lack of association between cyclooxygenase^{۲-۷۶۵} G/C gene polymorphism and breast cancer in Ahvaz, Iran. Molecular Biology Reports. ۲۰۱۴; ۴۱(۲):۹۹۷-۱۰۰۱. (Pubmed & ISI indexed)
۱۱. Presenting model to assess employees performance in the Ministry of Health and Medical Education in Iran (JGRCS) (ISI indexed)
۱۲. Efficacy and safety of Sufentanil and Pethidine in spinal anesthesia for painless labor. Journal of Drug research. ۲۰۱۵; ۶۴(۰۷):۳۴۴-۳۴۶. (ISI indexed)
۱۳. Stress among Iranian nurses in critical wards. Iranian Red Crescent Medical Journal. ۲۰۱۵; ۱۷(۶) (Pubmed & ISI indexed)
۱۴. Effect of Remifentanil on hemodynamic parameters of parturients and APGAR of the neonate in elective cesarean section under general anesthesia. Pajoohandeh Journal. ۲۰۱۲; ۱۷(۲):۵۷-۶۱.
۱۵. Incidence Of Ventilator Associated Pneumonia In Patients Undergoing Heart Surgery. D^{۴۰}. CRITICAL CARE: DIAGNOSING AND TREATING BACTERIAL AND VIRAL INFECTIONS IN THE ICU: American Thoracic Society; ۲۰۱۶: A۶۹۰۴-A۶۹۰۴.
۱۶. Evaluation of Ventilator-Associated Pneumonia According to Stress Related Mucosal Disease Prophylaxis Regimen in the Intensive Care Unit. Archives of Anesthesiology and Critical Care. ۲۰۱۵; ۱(۴):۱۱۶-۱۱۹.
۱۷. Congenital Complete Heart Block case report and literature review. Anesthesiology and Pain. ۲۰۱۵; ۵(۲):۸۲-۸۸.
۱۸. Effect of Insulin on Healing of Pressure Sore. Archives of Critical Care Medicine. ۲۰۱۵; ۱(۱).

۱۹. Analgesic Effects of Naproxen Suppository and Local Marcaine Injection on Inguinal Hernia Surgery. Archives of Critical Care Medicine. ۲۰۱۵;۱(۱).

Link to list of publications: <http://scholar.google.ca/citations?user=kvViuloAAAAJ&hl=en>

c. Books:

۱. Full translation of elected discussions of Sabiston textbook of surgery (translator)
۲. Organizational excellence model of health sector (compiler)
۳. Organization function assessment in health section based on radar score system (compiler)
۴. Assessment of function and excellence of organization (compiler)
۵. Job categorizing plan of medical sciences universities (compiler)
۶. Implementation of BPM model in the Iranian Ministry of Health (table ۱) (compiler)

d. Presentations (international and national congresses):

۱. Fourth national congress for spinal injury (oral presentation)
۲. Sixth international congress of networking world anesthesia (UWACL april ۲۹ to may, ۲, ۲۰۱۵) (poster presentation)
۳. Second international neuroscience congress (poster presentation)
۴. Toward new horizons in medical education and favorable clinical development
۵. Presentation in national congress for spinal injury (oral presentation)
۶. Presentation in neuroscience congress November ۲۰۱۲ (oral presentation)

e. Scientific contributions:

۱. Member of editorial board of Teb and Tazkiyeh scientific journal
۲. Cooperating in writing the curriculum of anesthesia and intensive care fellowship program for the Iranian Ministry of Health and Medical Education

TEACHING ACTIVITIES

۱. Teaching anesthesiology for medical students, and technicians in Shahid Beheshti University of Medical Sciences (۳۰۰+ hours)
۲. Training anesthesiology residents in Shahid Modarres hospital (۵۰۰+ hours)