

Urmia University of Medical Sciences

Faculties CV



Hamid Reza Khalkhali

Academic Rank: Associate Professor

School: Medicine

Department: Biostatistics and Epidemiology

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Urmia, Iran

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Education

Degrees:

Ph.D. Biostatistics, Tarbiat Modarres University, Tehran, Iran, 2010.

M.Sc. Biostatistics, Tarbiat Modarres University, Tehran, Iran, 1998.

B.Sc. Statistics, Shahid Behashti University, Tehran, Iran, 1995.

Short Courses / Workshops:

2010 1 Days Pajouheshyar, Urmia University of Medical Sciences, Urmia.

2010 2 Days mathematical models ,Urmia University of Medical Sciences, Urmia.

1999 1 week Research Methodology, Tarbiat Modares University, Tehran.

Positions Held

Associate Professor of Biostatistics,

School of Medicine, Urmia University of Medical Sciences, 2014 – Present

Deputy Dean for Research and Education,

School of Public Health, Urmia University of Medical Sciences, 2011 – 2015.

Assistance Professor of Biostatistics,

School of Medicine, Urmia University of Medical Sciences, 2010 – 2014.

Member, Research Committee,

Reproductive Health Research Center, Urmia University of Medical Sciences, 2010-Present.

Member, Research Committee,

Nephrology and Transplantation Research Center, Urmia University of Medical Sciences, 2010-Present.

Member, Research Committee,

School of Medicine, Urmia University of Medical Sciences, 2010-Present.

Member, Research Committee,

School of Public Health, Urmia University of Medical Sciences, 2010-Present.

Instructor of Biostatistics,

School of Public Health, Urmia University of Medical Sciences, 2005 – 2010.

Member, Research Committee,

School of Medicine and School of Public of Health, Urmia University of Medical Sciences, 2005-2006.

Instructor of Biostatistics,

School of Medicine and Allied Medical Sciences, Tehran University of Medical Sciences, 1999 – 2004.

Deputy Dean for Research,

School of Allied Medical Sciences, Tehran University of Medical Sciences, 2004.

Member, Research Committee,

School of Medicine and Allied Medical Sciences, Tehran University of Medical Sciences, 1999-2004.

Member, Research Committee,

School of Medicine and Allied Medical Sciences, Tehran University of Medical Sciences, 1999-2004.

Statistical Consultant, Center of Scientific Writing,

Tehran University of Medical Sciences, 2002–2004.

Head of Computer Center,

School of Allied Medical Sciences, Tehran University of Medical Sciences, 2002–2004.

Reviewer of Journals,

Tehran University Medical Journal and ACTA medicine, Tehran University of Medical Sciences, 2000–2004.

Experiences

Course Teaching:

MS program

- 2010 – Present [Advanced Biostatistics Methods](#), MSc program for medical entomology in School of Public health, UMSU.
- 2010 – Present [Statistics and Advanced Research Methodology](#), MSC program for Nursing in School of Nursing and Midwifery UMSU.
- 2008 – Present [Advanced Biostatistics Methods](#), MSc program for Epidemiology in School of Medicine, UMSU.
- 2008 – Present [Preliminary Biostatistics Methods](#), MSc program for Epidemiology in School of Medicine, UMSU.
- 2008 – Present [Sampling Techniques](#), MSc program for Epidemiology in School of Medicine, UMSU.
- 2008 – Present [Genetic Epidemiology](#), MSc program for Epidemiology in School of Medicine, UMSU.
- 2008 – Present [Computer and its application in research](#), MSc program for Epidemiology in School of Medicine, UMSU.
- 2005 – 2006 [Preliminary Statistical Methods](#), MSc program for Biochemistry in School of Medicine, UMSU.
- 2005 – 2006 [Computer and its application in research](#), MSc program for Biochemistry in School of Medicine, UMSU.
- 2002 – 2004 [Computer and its application in research](#), MSC program in School of Medicine, Tarbiat Modars University,
- 2002 – 2004 [Research Methodology](#), MSc program Immunology in School of Medicine, TUMS.

MD program

- 2005 – 2006 [Preliminary Statistical Methods](#), MD program in School of Medicine, UMSU.
- 2005 - 2006 [Research Methodology and Applied Computer](#), MD program in School of Medicine, UMSU.
- 1999 - 2004 [Research Methodology and Applied Computer](#), MD program in School of Medicine, TUMS.

BSc program

- 2005 – 2006 [Preliminary Statistical Methods](#), BSc program in School of Allied Medical Sciences, UMSU.
- 2005 – 2006 [Preliminary Statistical Methods](#), BSc program in School of Public Health, UMSU.

- 2005 – 2006 [Preliminary Statistical Methods](#), BSc program in School of Nursing and Midwifery UMSU.
- 2002 – 2004 [Preliminary Statistical Methods](#), BSc program in School of Allied Medical Sciences, TUMS.
- 2002 – 2004 [Research Methodology](#), BSc program in School of Allied Medical Sciences, TUMS.
- 2002 – 2004 [Computer and its application in research](#), BSc program in School of Allied Medical Sciences, TUMS.
- 2002 – 2004 [Preliminary Statistical Methods](#), BSc program in School of Allied Medical Sciences, TUMS.
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Teaching in Workshop:

- Research Methodology
 - Statistical Methods in Health Data Analysis (Basic, Intermediate, Advance levels)
 - Clinical Trials
 - Computer and its Application in Research
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Grants and Contracts:

UMSU: Evaluation of the materials with different densities as bolus in low energy clinical electron beams.

Co-Investigator, 2010.

UMSU: An Investigation on anti-malarial effects of Artemisia oliveriana herb as Iranian flora on plasmodium Bergheim in vivo.

Co-Investigator, 2010.

UMSU: The Investigation of correlation structure of health indicators with the effective factors in Iran.

Principle Investigator and Acting Director, 2006.

UMSU: Study trend of NO produced in renal transplant recipients before and two months after Transplantation. *Consultant*, 2006.

UMSU: Investigation of factors affecting on tempo & quantum of fertility in West Azarbiyjan, Iran.

Principle Investigator and Acting Director, 2005.

UMSU: Investigation of agreement between writing questioner and video in ISAAC study in grader 13- 14 years old in urmia. *Co-Investigator*, 2004.

UMSU: Compare serum level of manyazium, calcium, zinc in normo-tansive and perclampcy.

Co-Investigator, 2004.

UMSU: Investigation of patient satisfaction rate of care servicing in educational and private hospitals

In Urmia. *Co-Investigator*, 2005.

TUMS: Investigation of factors affecting on tempo & quantum of fertility in Mazandaran, Iran.

Co-Investigator, 2004.

TUMS: Investigation of factors affecting on tempo & quantum of fertility in Khoozastan, Iran.

Co-Investigator, 2004.

TUMS: Investigation of factors affecting on tempo & quantum of fertility in Gillan, Iran.

Co-Investigator, 2003.

TUMS: Investigation of risk factors of stomach and lung cancer in Gilan, Iran.

Co-Investigator, 2004.

TUMS: Evaluation of patient satisfaction rate of admission processing in the hospitals of Tehran University of Medical Sciences. *Co-Investigator*, 2002.

Theses Supervised or Consulted:

Evaluation of continuing breast feeding effect on treatment of indirect hyperbilirubinemia in term neonates at Shahid Motahhari hospital ,Urmia 2010-2011

Ebrahimi B, MD ,Resident of Pediatrics, UMSU.

Study of asthma risk factors among children 2 to 8 years of age in Urmia district.

Oshnooyeh S, Master of Epidemiology, UMSU.

Determinantes of iodine intake in pregnant women under care-urban health centers urmia W.Azarbijan province.

Beyramvand A, Master of Epidemiology, UMSU.

Investigation the incidence of FTT and associated risk factor among under one year age children in Salmas district.

Ahmadi N, Master of Epidemiology, UMSU.

Evaluation of Incidence and Disclosure of Nursing Errors and Their Predisposing Factors in Critical Care

Nursing Compared to Other Units in Urmia University of Medical Sciences- Urmia2009-2010

Naderi Y, Master of Nursing, UMSU.

A survey on correlation between sleep disorders with restless legs syndrome in Critical Care Units.

Ghanei R, Master of Nursing, UMSU.

Evaluation of homocysteine levels and osteoporosis in elderly patients referring to Urmia Imam Khlmeini hospital endocrinology clinic.

Esllampour P, MD, Resident of Internal Medicine, UMSU, 2010.

Compare graft function between polycystic and without polycystic non diabetic reception patients.

Bahrampour P, MD, UMSU, 2010.

Prevalence of hyperuricemia in the first month after transplantation in renal transplant recipients with normal graft function and allograft dysfunction.

Seid Peiran G.R, MD, UMSU, 2010.

Investigation of patient mortality rate in ICU Imam Khomani and assessing quality of care service using APACHE III criteria.

Aghdashi M.A, Resident of Internal Medicine, UMSU, 2005.

The Study of NO produced in renal transplantation reception.

Hajirahimi khani A, Ms in Biochemistry, UMSU, 2005.

Association between rate of hematocrite and MI.

Shahi O, MD, UMSU, 2005.

The Investigation of correlation between count of WBC after MI and severity index of MI in MI patients.

Abasspour and Nouzad, MD, UMSU, 2005.

Investigation of association between job stress and depression in nurses in educational hospital of Urmia

University of Medical sciences.

Moutavalian F, Omranii A, MD, UMSU, 2005.

Investigation of Chol-Tce variation in before, 3 month, 6 month of pregnancy.

Motavaled L, MD, UMSU, 2004.

Investigation of prevalence of asthma sign and smoking in student in UMSU according to IUATLD and ECRHS protocol.

Abdollahi N, Hatami K, MD, UMSU, 2004.

Compare three approaches (post, change, ancova) of repeated measurement in medical data analysis.

Ghadimi M, Msc in Biostatistics, Tarbiat Modares University, 2003.

The application and compare covariance structure models in repeated measurement in medical data analysis.

Ansari A, Msc in Biostatistics, Tarbiat Modares University, 2002.

Analysis of artificial paired data and application in determine of risk factors in Esophagus cancer in Mazandaran province.

Mirzaii E, Msc in Biostatistics, Tarbiat Modares University, 2001.

Distinctions, and Scientific Societies Membership

Membership

- Iranian Statistical Society.

Reviewing Activities

Manuscript Peer Reviewer(National Journals):

Journal of Research in Health Sciences,[[Scopus](#), [EMBASE](#) , [CINAHI \(EBSCO Publishing\)](#), [WHO-](#)

EMRO Index Medicus. ISC.]

Manuscript Peer Reviewer(International Journals):

Journal of Applied Statistics, [ISI, SCOPUS, Chemical Abstract, Applied Sci. Abst.]

Language Skills

Persian, English

Computer Knowledge

SPSS, STATA, S_PLUS, R, SAS, Epi Info, MS Office

C++ Programming

Farsi Publications

I. Book:

- 100 Statistical Tests with SPSS/win guideline, Dibagran Tehran Publication, ISBN: 964-354-026-X.
- Infant Mortality Rate in Iran trends and indexes 1957-2022. Statistical Center of Iran. ISBN: 964-365-152-5.
- **Statistical Mathematics** , Khaniran Publication, ISBN: 964-8033-30-7.

II. Manuscripts and Papers:

Authors

Rezapour Baratali, Mostafavi Firoozeh & [Khalkhali Hamidreza](#). The Effect of School-Based Intervention on Obese and Overweight Students in Urmia, Iran. *Global Journal of Health Science*; Vol. 9, No. 3; 2017.

[Khalkhali Hamid Reza](#), Lotfnezhad Afshar Hadi, Esnaashari Omid, and Jabbari Nasrollah. Applying Data Mining Techniques to Extract Hidden Patterns about Breast Cancer Survival in an Iranian Cohort Study. *J Res Health Sci*. 2016; 16(1):31-35.

[Khalkhali Hamid Reza](#), Gheibi Shahsanam, Gharaaghaji Rasool, Didarloo Alireza. Estimating Steatosis Prevalence in Overweight and Obese Children: Comparison of Bayesian Small Area and Direct Methods. *Int J Pediatr*, Vol.4, N.9, Serial No.33, Sep 2016.

Razmaraei Somayeh, Hemmati Maslakpak Masomeh, [Khalkhali Hamid Reza](#). THE EFFECT OF FAMILY-CENTERED EDUCATION ON SELF-CARE IN PATIENTS WITH TYPE 2 DIABETES. *The Journal of Urmia Nursing and Midwifery Faculty*, Vol 14(2), May, 2016.

Shahbaz Azam, Hemmati Maslakpak Masomeh, Nejadrahim Rahim, Reza [Khalkhali Hamid](#). THE EFFECT OF IMPLEMENTING OREM'S SELF-CARE PROGRAM ON SELF-CARE BEHAVIORS IN PATIENTS WITH DIABETIC FOOT ULCER. *The Journal of Urmia Nursing and Midwifery Faculty*, Vol 14(2), May, 2016.

Sahebihagh Mohamad Hasan, Amani Leila, Salimi Saleh, Feizi Aram, [Khalkhali Hamid Reza](#), Barzanjeh Atri Shirin. Comparative Analysis of the Perception of Family Functioning by Heads of Families with and without Cancer Members During Illness. *Asian Pac J Cancer Prev*, **17 (9)**, 4275-4279.

Emamgholizadeh Minaei Roya, Hajaghazadeh Mohammad, Allahyari Teimour , [Khalkhali Hamidreza](#), Keramat Mansoor. Anthropometric Dimensions of Foot in Students. *Journal of Ergonomics* . Volume 4, No. 1, Spring 2016.

Samadi Aidenloo Naser, Mehdizadeh Alireza, Valizadeh Neda, Abbaszadeh Mohammad, Siavash Qarequran , and [Khalkhali Hamidreza](#). Optimal Glycemic and Hemoglobin A1c Thresholds for Diagnosing Diabetes Based on Prevalence of Retinopathy in an Iranian Population. *Iran Red Crescent Med J*. 2016 August; 18(8):e31254.

Mahmoudi Reza, Jabbari Nasrollah, aghdasi Mehdi, [Khalkhali Hamid Reza](#), Energy Dependence of Measured CT

Numbers on Substituted Materials Used for CT Number Calibration of Radiotherapy Treatment Planning Systems. *PLOS ONE* | DOI:10.1371/journal.pone.0158828 July 8, 2016.1-14.

Karimi Zanyar, Allahyari Teimour, Azghani Mahmood Reza, [Khalkhali Hamidreza](#) Influence of unstable footwear on lower leg muscle activity, volume change and subjective discomfort during prolonged standing. *Applied Ergonomics* March 2016 ;53 (part A) : 95-102.

Aghazadeh Javad, Ghaderi Mahmoud, Azghani Mahmood-Reza, [Khalkhali Hamid-Reza](#), Allahyari Teimour, Mohebbi Iraj. Anti-fatigue mats, low back pain, and electromyography: An interventional study. *Int J Occup Med Environ Health*. Jul 2015 ;28(2):347-56.

Ghahramani Abolfazl , [Khalkhali Hamid R.](#) Development and Validation of a Safety Climate Scale for Manufacturing Industry. *Safety and Health at Work*, 2015;1-7.

Ghelichi GhoghMoosa, Taghizadeh Afshari Ali, Khalkhali Hamid Reza, Mohammadi-Fallah Moahammad Reza, Makhdoomi Khadije, Salarilak Shaker. COMPARING GRAFT SURVIVAL AND PATIENT SURVIVAL RATE OF RENAL TRANSPLANTATION IN DIABETIC PATIENTS, IN THE IMAM KHOMEINI HOSPITAL TRANSPLANTATION CENTER, URMIA, IRAN (2001-2011). *The Journal of Urmia University of Medical Sciences* ,March 2015; 26(1) : 47-54,

Soheili A, Hemmati Maslak M, Mohamadpour Y, [Khalkhali H.](#) Rahmani A. THE EFFECT OF IMPLEMENTING COMPETENCY BASED EDUCATION MODEL ON NURSING STUDENTS' COMMUNICATION SKILLS. *The Journal of Urmia Nursing and Midwifery Faculty*, June 2015: 13(4): 328-336.

Rabeipour S, Khodaei AR, Radfar M, [Khalkhali HR.](#) THE RELATIONSHIP BETWEEN HUSBANDS' PARTICIPATION IN PRENATAL CARE AND MENTAL HEALTH OF PREGNANT WOMEN REFERRED TO HEALTH CENTERS IN URMIA, 1392. *The Journal of Urmia Nursing and Midwifery Faculty*, June, 2015; 13(4): 338-346.

Habibzadeh Hossein, Khajeali Nasrin, [Khalkhali Hamid Reza](#), MohammadpourYosof. Effect of Evidence-Based Education on Nursing Students' Self-Efficacy. *Journal of Medical Education Development Center*. 2015; 11(4):500 -507.

Farhadi M, Hemmati Maslakpak M [KHalkhali HR.](#) JOB STRESSORS IN CRITICAL CARE NURSES. *The Journal of Urmia Nursing and Midwifery Faculty*, Jan 2014; 11(11):875-882.

Habibzadeh H, Sofyani A, Khalkhali H, Aslan Abadi H, Sanai N. THE EFFECT OF GROUP DISCUSSION ON THE SELF-MANAGEMENT ABILITY IN PATIENTS WITH TYPE 2 DIABETES REFERRED TO THE DIABETES CLINICS IN KHOY, 2014. *The Journal of Urmia Nursing and Midwifery Faculty*, February 2015; 12(12):1071-1079.

Raeisi Z, Hemmati Maslakpak M, [KHalkhali HR.](#) EFFECT OF SELF-MANAGEMENT PROGRAM ON THE ANXIETY LEVEL OF PATIENTS WITH MULTIPLE SCLEROSIS OF MS SOCIETY BRANCH. *The Journal of Urmia Nursing and Midwifery Faculty*, November, 2014;12(9):833-840.

Maghsoodi E, Hemmati Maslakpak M, Sheikhi S, [Khalkhali HR.](#) THE EFFECT OF CARE PLAN APPLICATION BASED ON ROY ADAPTATION MODEL ON THE SELF-ESTEEM IN ELDERLY PEOPLE IN URMIA NURSING HOMES

The Journal of Urmia Nursing and Midwifery Faculty. December 2014;12(10): 926-933,

Broumand Farzaneh, Saeidkar Soudabeh, Behrouzlak Tahereh, [Khalkhali Hamidreza](#), Sadeghi-Bazargani Homayoun. The diagnostic value of cervicovaginal and serum ferritin levels in midgestation time to predict spontaneous preterm delivery. *Nigerian Medical Journal*, July-August 2014; 55 (4):321-326.

Allahyari Teimour, Hedayati Sara, [Khalkhali Hamidreza](#), Ghaderi Fariba. A comparative survey on forces exerted to low back in patient manual handling. *Journal of Ergonomics*, Summer 2014;2(2): 1-7.

[Khalkhali HR](#), Ebrahimi Rigi Z, Feizi A, Salehi Ardabili S. Effect of applying cold gel pack on the pain associated with deep breathing and coughing after open heart surgery. *Iranian Journal of Nursing and Midwifery Research*, November-December 2014;19(6):545-549.

Mohaddes H, [Khalkhali HR](#), Fakour Z, Azad Z. Investigating the effects of the neonatal factors and therapeutic modalities on neonatal mortality in neonatal intensive care unit of Shahid Motahhari Hospital, Urmia. *Iranian Journal of Nursing and Midwifery Research*, September-October 2014; 19(5):485-490.

Gholami. M, Saboory E, [Khalkhali HR](#). Chronic morphine and tramadol re-exposure induced anti-anxiety effect in prepubertal rats neonatally exposed to the same drugs. *Clin Exp Pharmacol Physiol*, Jun 2014 ;41(10):838-43;

[Khalkhali HR](#), Oshnouei S, Salarilak S, Rahimi Rad M, Karamyar M. Effects of Antibiotic consumption on developing asthma at 2-8 years children. *Epidemiology and Health*, May 2014; 36.

Habizade H, Mohammadpour Y, [Khalkhali HR](#), Rahimi B, Kazemi N, Naderi A. Portfolio as a learning tool: student's perception (based on DREEM). *TERAPEVTICHESKII ARKHIV*, 2014; Vol(86),No1.

Afshar AR, Farhadnia P, [Khalkhali HR](#). Metastases to the Hand and Wrist: An Analysis of 221 Cases. *J Hand Surg Am*, May 2014; 39:923-932e17.

Alinejad V, Mahmoudi M, [Khalkhali HR](#). The Auto-Regressive Distributed Lag (ARDL) and Error Correction Model (ECM) to Identify the Trend of Demand for Cesarean Delivery. *Hermes*, 2013; 69(1).

Didarloo A, [Khalkhali HR](#). Assessing study skills among university students: an Iranian survey. *journal of educational evaluation for health professions*, 2014; 11(8).

Rostamzadeh Khameneh Z, Sepehrvand N, [Khalkhali HR](#). Seroprevalence of Hepatitis E Among Pregnant Women in Urmia, Iran. *Hepat Mon*, 2013 November; 13(11): e10931.

Tehranchi A, Rezaei Y, [Khalkhali HR](#), Rezaei M. Effects of Terazosin and Tolterodine on Ureteral Stent Related Symptoms: A Double-Blind Placebo-Controlled Randomized Clinical Trial. *Int Braz J Urol*, November - December, 2013; 39 (6): 832-840.

Bahadori F, Ayatollahi H, Naghavi M, [Khalkhali HR](#), Naseri, Z. Predicting factors on cervical ripening and

response to induction in women pregnant over 37 weeks. *Med Ultrason*, 2013; 15(3), 191-198.

Ghavamzadeh S , [Khalkhali HR](#), Alizadeh M . TV Viewing, Independent of Physical Activity and Obesogenic Foods, Increases Overweight and Obesity in Adolescents . *J HEALTH POPUL NUTR*. Sep 2013;31(3):334-342.

Gholami A, Salarilak S, Hejazi S , [Khalkhali HR](#). Birth weight and risk of childhood acute leukaemia. *Eastern Mediterranean Health Journal*, 2013; 19(2).

Mirzatooei F, T. Alamdari M. [Khalkhali HR](#) . The impact of platelet-rich plasma on the prevention of tunnel widening in anterior cruciate ligament reconstruction using quadrupled autologous hamstring tendon A RANDOMISED CLINICAL TRIAL .*THE BONE & JOINT JOURNAL* JANUARY , 2013; 95(1): 65-69.

Rostami R, Beiranvand A, [Khalkhali HR](#), Salary S, Aghasi MR, Nourooz-Zadeh J. Evaluation of Accessibility of Iodinated Salt and Nutritional Iodine Status during Pregnancy. *Iranian J Publ Health*, Aug 2012; 41(8): 56-60.

Feizi A, Ghaderi Ch, Dehghani M.R , [Khalkhali HR](#), Sheikhi S. Effect of phase III cardiac rehabilitation and relaxation on the quality of life in patients with cardiac syndrome X. *Iranian Journal of Nursing and Midwifery Research*, November-December 2012; Vol(17), Issue 7.

Oshnouei S, Salarilak Sh, [Khalkhali HR](#), Karamyar M, Rahimi Rad Mh, Delpishe A. Effects of Acetaminophen consumption in asthmatic children. *Iranian Red Crescent Medical Journal* , 2012; 14(10):641-646.

Habibzadeh H, Davarpanah M, [Khalkhali HR](#). The study of the effect of Orem self care model on self efficacy in hemodialysis patients in Urmia medical sciences hospitals during 2011. *Journal of Urmia Nursing and Midwifery Faculty*,2012;10(2):190-199.

[Khalkhali HR](#), Ghafari A. Prediction of long-term kidney failure in renal transplant with chronic allograft dysfunction using stage-specific hazard rates. *Experimental and clinical transplantation*, 2012; 1:8-13.

Habibzadeh H, Davarpanah M, [Khalkhali HR](#). The study of the effect of Orem self care model on self efficacy in hemodialysis patients in Urmia medical sciences hospitals during 2011. *Journal of Urmia Nursing and Midwifery Faculty* ,2012;10(2):190-199.

Hemmati MM, Amirian Z, [Khalkhali HR](#), Salehi S. Patient's physical status after coronary artery bypasses surgery *Journal of Urmia Nursing and Midwifery Faculty*, 2012;10(1):10-112.

Oshnooi S, Salari SK, [Khalkhali HR](#). Association between duration of breast feeding and asthma at children between at age 2-8 years. *The Journal of Urmia University of Medical Sciences* ,2012; 23(1): 1-6.

Ahmadi N, Salari SK, Karamiar M, [Khalkhali HR](#). Survey of risk factors for frailer to thrive among children less then one years age in samlmas district. *The Journal of Urmia University of Medical Sciences* ,2012; 22(6):

495-500.

Habibzade H, [Khalkhali HR](#), Ghaneii R. Study of the relationship between restless legs syndrome and sleep disturbance among patients in Critical Care Units. *Iranian Journal of Critical Care Nursing* ,2011;4(3):153-158.

Feizi A, Jarineshin H, Estabraghnia H, Mahoori A, [Khalkhali HR](#) , Sattari S. Study of Correlation of Glasgow Coma Score and Bispectral Index in Mild and Moderate Traumatic Brain Injuries . *Journal of Urmia Nursing and Midwifery Faculty* 2011-12;9(5):394-399.

Rahim Baghaei , Peyman Mikaili , Davood Nourani , [Hamid Reza Khalkhali](#) . An epidemiological study of nosocomial infections in the patients admitted in the intensive care unit of Urmia Imam Reza Hospital: An etiological investigation. *Annals of Biological Research*, 2011, 2 (5) :172-178 .

Ali Gholami ,Shaker Salarilak ,Sasan Hejazi, [Hamid Reza Khalkhali](#). Parental Risk Factors of Childhood Acute Leukemia: A Case- Control Study. *Journal of Research in Health Sciences*, 2011; 11(2): 69-76.

Hejazi S, Gholami A, Salarilak Sh, [Khalkhali HR](#), Moosavi Jahromi L. Incidence Rate of Acute Leukemia in West Azarbaijan during 2003-2008. *The Journal of Urmia University of Medical Sciences* 2010; 21(2): 143-148.

[Khalkhali HR](#), Hajizadeh E, Kazemnejad A, Ghafari A. Long-term Progression Pattern of Chronic Allograft Dysfunction Among Kidney Transplant Recipients. *Iranian Journal of Kidney Diseases July 2010*; 4(3): 245-249.

[Khalkhali HR](#), Hajizadeh E, Ghafari Moghadam A, Kazemnezhah A, Hajiyan M. Long-term kidney function disease in renal transplantation with chronic allograft dysfunction. *The Journal of Urmia University of Medical Sciences* 2010; 20(4): 265-271.

Salarilak SH, [Khalkhali HR](#), Entezarmahdi R, Pakdel FG, Faroukheslamloom HR. Association between the socio-economic indicators and infant mortality rate (IMR) in Iran. *Iranian Journal of Public Health August 2009*; 38(4): 21-28.

Hosseini Jazani N, Babazadeh H, [Khalkhali HR](#). An assessment of the sensitivity of Acinetobacter sp. burn isolates to ciprofloxacin and some other antibiotics used for treatment. *Journal of Jahrom University of Medical Sciences Fall 2009*; 7(2):48-58.

[Khalkhali HR](#), Hajizadeh E, Kazemnezad A, Ghafari Moghadam A. Stage-to-stage progression of chronic kidney diseases in renal transplantation with chronic allograft dysfunction. *Tehran University Medical Journal November 2009*; 67(8):585-591.

Gharib M, Rabiyan M, Salsali M, Hajizadeh E, Sabouri Kashani A, [Khalkhali HR](#). Critical thinking skills and critical thinking dispositions in freshmen and senior students of health care management. *Iranian Journal of Medical Education Summer 2009*; 9(2):125-134.

- Shahabi S, Muhammad Hassan Z, Mahdavi M, Dezfouli M, Torabi M, Naseri M, Hosseini Jazani N, [Khalkhali HR](#). Hot and Cold Natures and Some Parameters of Neuroendocrine and Immune Systems in Traditional Iranian Medicine: A Preliminary Study. *The Journal of Alternative and Complementary Medicine* 2008; 14(2):124-134.
- Sotoudeh G, Khosravi S, Karbakhsh M, Khajehnasiri F, [Khalkhali HR](#). What women think about their husbands' opinions might influence women's body image: An explorative study. *Indian Journal of Medical Sciences* 2008; 62(3): 98-104.
- Dabiran S, Khosravi S, [Khalkhali HR](#), Sheikhvatan M. Knowledge about symptoms and hygiene of puberty among girls in Iran. *International Journal of Child and Adolescent Health* 2008; 1(1): 27-32.
- Hazrati Tappeh kh, Mostaghim M, [Khalkhali HR](#), Macooie A. The prevalence of intestinal parasitic infection in the students of primary school in Nazloo region in Urmia during 2004-2005. *The Journal of Urmia University of Medical Sciences* 2006; 16(4): 9-15.
- Bagheri M, Abdi-Rad I, Omrani D, [Khalkhali HR](#). Heterogeneity of cytokine single- nucleotide polymorphisms among the Iranian and in the other East-South Asian populations. *Transfusion Medicine* 2006; 16: 192–199.
- Bagheri M, Abdi-Rad I, Omrani D, [Khalkhali HR](#). Cytokine typing: SNP allele frequencies in the Iranian population. *International Journal of Immunogenetics* 2006, 33: 193–195.
- Behroozian R, Aghdashi A, Rahimi Rad MH, [Khalkhali HR](#). Assessment of mortality rate and care qualities of ICU department using Apache III measures. *The Journal of Urmia University of Medical Sciences Spring* 2006; 17(1): 6-12.
- Gharib M, Arefanian H, [Khalkhali HR](#). The role of cooperative learning in the training of health care management students: comparing two teaching methods. *Tehran University Medical Journal* 2005; 62(12):1016-1023.
- Sotoudeh G, Khosravi S, Karbakhsh M, Khajehnasiri F, [Khalkhali HR](#). High prevalence of overweight and obesity in women of Islamshahr, Iran. *Asia Pac J Clin Nutr* 2005; 14 (2):169-172.
- Zafarghandi MR, Rezaei SA, [Khalkhali HR](#). Evaluation of patient satisfaction rate of admission processing in the hospitals of Tehran University of Medical Sciences. *Hakim Spring* 2005; 8(3): 31-37.
- Rahnavard Z, Heidarnia A, Babaei G, Mahmoodi M, [Khalkhali HR](#). A survey of affecting factors on extra child in Tehran in 1999. *Daneshvar* Summer 2003; 46: 47-53.
- Rahnavard Z, Heidarnia A, Babaei G, Mahmoodi M, [Khalkhali HR](#). The survey of affecting factors on unwanted children in the women visiting health-centers. *Tehran University Medical Journal* 2002; 59(5): 10-16.
- [Khalkhali HR](#), Hajizadeh E, Mohammad K. Multinomial response models for modeling and determining important factors in different contraceptive methods. *Tehran University Medical Journal* 2001; 59(1):91-98.
- Nourallahi T, [Khalkhali HR](#). The estimated population of Iran using mathematical and combination methods. *Journal of Population* 2000; 29 and 30:26-31.

III. Abstracts and Presentations:

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Survival Analysis , Multistate Survival Analysis,

Experimental Design and Analysis in Animal and Clinical Study

Categorical Data Analysis