

## Curriculum Vitae

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### Educational History

A) High School Diploma, (1994), Aseie School, Shiraz, Iran.

B) MD (1994-2001), Shiraz University of Medical Sciences, Shiraz, Iran.

C) Master of Public Health (2003-2004), Community Medicine Department, Shiraz University of Medical Sciences, Shiraz, Iran.

D) Community Medicine Residency, Social medicine (2003-2006) Community Medicine Department, Shiraz University of Medical Sciences, Shiraz, Iran.

### Publications

- 1) Pakfetrat M, **Malekmakan L\***, Rezazadeh MH, Tadayon T, Bahmani M, Nikoo A. Five-Year Study on Renal Outcomes in Biopsy-Proven Focal Segmental Glomerulosclerosis Patients in Shiraz, Iran. Accepted by Caspian Journal. 2024.
- 2) Torabi Nezhad S, **Malekmakan L\***, Mashayekh M, Karamifar N, Tadayon. Role of immunohistochemical markers in predicting behavior of bladder urothelial carcinoma. Accepted by Caspian Journal. 2024.
- 3) Pakfetrat M, **Malekmakan L\***, Hamidianjahromi A, Rastegar R. Frequency and timing of renal biopsy complications. Caspian Journal. 2024; 15(1).

- 4) Roozbeh J, Hamidianjahromi A, Doostkam A, **Malekmakan L\***, Dorranejad A. COVID-19-associated acute kidney injury: The incidence and associated factors in different KDIGO stages among the hospitalized patient. *IJKD* 2023;255-62.
- 5) Rasaei N, **Malekmakan L\***, Gholamabbas Gh, Abdizadeh P. Comparative study of IVIG and Leflunomide combination therapy with IVIG single therapy in kidney transplant patients with BK virus infection: single center clinical trial. *Exp Clin Transplant*. 2023;21(10):814-819.
- 6) **Malekmakan L**, Doostkam A, Iravani K, Roozbeh J, Sookhaglari MA, Maryam Pakfetrat. Comparison between olfactory training and curcumin therapy in improving olfactory dysfunction in patients with chronic kidney disease. *Heliyon*. 2023;9(3):e14478.
- 7) Roozbeh J, **Malekmakan L\***, Mashayekh M, Dehghani A, Ansari S, Akbari Aliabad<sup>H</sup>, Mehdi Mahmudpur M. Exposure to needle stick injuries among health care workers of hemodialysis units in the southwest of Iran: Do we have enough information? 2023. Accepted by BMC Health Services Research.
- 8) Pakfetrat M, **Malekmakan L\***, Pegah Aghajanzade P. Effect of pentoxifylline on the dose of erythropoietin among hemodialysis patients: A double blind randomized clinical trial. 2023. Accepted by Journal of Experimental Nephrology.
- 9) Rasaei N, **Malekmakan L\***, Gholamabbas Gh, Mashayekh M, Hadianfard F, Torabi M. Sodium-glucose cotransporter-2 inhibitor in patients with non-diabetic chronic kidney disease: A systematic review. 2023. Accepted by IJKD.
- 10) Taghrir MH, Akbarialiabad H, Abdollahi A, Ghahramani N, Bastani B, Paydar S, Razani B, Mwangi J, Asadi-Pooya AA, Roozbeh J, **Malekmakan L**, Kumar M. Inequity and disparities mar existing global research evidence on Long COVID. *Glob Health Promot*. 2023;30(1):63-67.
- 11) Pakfetrat M, **Malekmakan L\***, Najafi B, Zamani T, Mashayekh M. Post-COVID-19 vaccine acute encephalitis in an adult patient: A case report and literature review. *Clin Case Rep*. 2023 Feb 8;11(2):e6915.
- 12) Doostkam A, Hosseinpour A, Iravani K, **Malekmakan L**, Haghpanah A, Masjedi F, Karimi Z, Rouzbeh H, Roozbeh J. Coronavirus Disease 2019 and Hypertension: How Anti-hypertensive Drugs Affect COVID-19 Medications and Vice Versa. *Curr Drug Saf*. 2023;18(2):125-137.
- 13) **Malekmakan L**, Hamidianjahromi A, Sayadi M, Rezazadeh MH. Efficacy and Safety of Turmeric Dietary Supplementation on Proteinuria in CKD: A Systematic Review and Meta-analysis of RCT. *Iran J Kidney Dis*. 2022;16(3):153-161.
- 14) Pakfetrat M, **Malekmakan L\***, Jafari N, Sayadi M. Survival Rate of Renal Transplant and Factors Affecting Renal Transplant Failure. *Exp Clin Transplant*. 2022;20(3):265-272.

- 15) Rasaei N, **Malekmakan L\***, Mashayekh M, Gholamabbas G. Chronic Kidney Disease Following Liver Transplant: Associated Outcomes and Predictors. *Exp Clin Transplant*. 2022;21(2):93-103.
- 16) Zahiri L, **Malekmakan L\***, Masjedi F, Habibagahi Z, Habibagahi M. Association Between IL-17A, FOXP3, and CTLA4 Genes Expression and Severity of Lupus Nephritis. *Iran J Kidney Dis*. 2022; 1(1):13-23.
- 17) Pakfetrat M, **Malekmakan L\***, Hamidianjahromi A, Moghadami M, Khoramroz SA. Diagnosis and Treatment of Latent Tuberculosis Infection in Kidney and Liver Transplant Recipients in Iranian Candidates for Transplant. *Experimental and Clinical Transplantation*. 2022; 20(8): 737-41.
- 18) Irani D, Haghpanah A, Hosseini MH, **Malekmakan L**, Ashraf MA, Shahraki R. Complications and surgical results of stone-directed antegrade pyelography compared to the retrograde pyelographic access method in percutaneous nephrolithotomy using 'bull's eye' technique: A randomized clinical trial. *Journal of Clinical Urology*. 2022;15 (1):6-12.
- 19) Karimi Z, Masjedi F, Doostkam A, Roozbeh J, **Malekmakan L\***. Investigating the association between Gender and Age Distribution with Severity of COVID-19: a Single-Center Study from Southern Iran. *Women. Health. Bull*. 2022; 9(4).
- 20) Roozbeh J, A. Dehghani A, Haghpanah A, **Malekmakan L\***. The lowest uric acid in kidney transplant and review of literature. *Int J Org Transplant Med* 2022; 13 (1): 60-2.
- 21) Doostkam A, **Malekmakan L**, Hosseinpour A, Janfeshan S, Roozbeh J, Masjedi F. Sialic acid: an attractive biomarker with promising biomedical applications. *Asian Biomed (Res Rev News)* 2022; 16(4):153–167.
- 22) Roozbeh J, Dehghani A, Haghpanah A, Doostkam A, **Malekmakan L\***. Kidney Transplant and Autosomal Recessive Polycystic Disease: A Case Report and Literature Review of 2 Brothers. *Exp Clin Transplant*. 2021; 19(4):378-81.
- 23) Haghpanah A, Masjedi F, Alborzi S, Hosseinpour A, Dehghani A, **Malekmakan L**, Roozbeh J. Potential mechanisms of SARS-CoV-2 action on male gonadal function and fertility: Current status and future prospects. *Andrologia*. 2021; e13883.
- 24) Akbarialiabad H, Taghrir MH, Abdollahi A, **Malekmakan L**, Bastani, B. Long COVID, a comprehensive systematic scoping review. *Infection* 2021; 49(6):1163-86.

- 25) Iravani K, Bakhshi F, Doostkam A, **Malekmakan L**, Jafari P, Dowran R. Detection of human papillomavirus (HPV) DNA in benign laryngeal lesions and role of cigarette smoking as an inducing factor *Virus Disease*. 2021; 32(2): 255-59.
- 26) Karimi Z, Masjedi F, **Malekmakan L**, Roozbeh J, Ghahramani N. Potential mechanisms of the sars-cov-2-induced AKI progression to CKD: A forward-looking perspective *Iranian Journal of Kidney iseases*. 2021; 15(4): 243-55.
- 27) Jorat MV, Nikoo MH, **Malekmakan L**, Salami M, Kashfipour SM, Aslani SA1, Heydari ST\*, Firouzabadi N. Effect of Intra-pocket Antibiotic Injection During Implantation of Cardiac Implantable Electronic Devices on the Prevention of Pocket Infection. *Journal of Fasa University of Medical Sciences*. 2020;10 (1): 2053-60.
- 28) **Malekmakan L**, Karimi Z, Mansourian A, Pakfetrat M, Roozbeh J, Rahimi Jaber K. Role of vitamin D in oxidative stress modulation in end-stage renal disease patients: A double-blind randomized clinical trial. *Hemodial Int*. 2020 Jul;24(3):367-373.
- 29) Shirazi M, Safavi S, Makarem A, **Malekmakan L**. Comparison Between Processus Vaginalis Sac Tightening Technique and the Conventional Technique in Orchiopexy Surgery Over 10 Years. *Res Rep Urol*. 2020 Mar 18;12:129-136.
- 30) Pakfetrat M, **Malekmakan L\***, Roozbeh J, Tadayon T, Moini M, Goodarzian M. Endoscopic findings in hemodialysis patients upon workup for kidney transplantation. *Saudi J Kidney Dis Transpl*.2020;31:388-4.
- 31) Pakfetrat M, **Malekmakan L\***, Torabinezhad S, Yousefi O, Naddaffard D. Review of Renal Biopsies, A Single Center Experience. *Iran J Kidney Dis*. 2020 Jan;14(1):12-19.
- 32) Ayatollahi SMT, **Malekmakan L**, Sayadi M, Daranjani SK. Factors Related to Type 2 Diabetes Self-Care. *Zahedan J Res Med Sci*. 2020 January; 22(1):e96207.
- 33) Gholampour F, Roozbeh J, Janfashan S, **Malekmakal L**, Rahimi Jaber K, Karimi Z\*. Effect of the Protective Role of Long-Term Ischemic Preconditioning on Acute Renal Impairment Due to Re-Ischemic Resection Through TLR-4 and TNF- $\alpha$  Signaling Pathway in Rats *Armaghane-danesh* 2020; 25(1): 12-22.
- 34) Sayadi m, **Malekmakan L\***, Rahimi Jaber Kh. Comparison of Knowledge, Attitude, and Practice of Adolescent Girl Students and Non-Students Regarding Menstrual Health in Rural Areas of Fars, Iran. *Women Health Bull*. 2019 July; 6(3):e97012.
- 35) Pakfetrat M, **Malekmakan L\***, Salmanpour Z, Nikoo MH, Izadpanah P. Comparison of Normal Saline, Ringer's Lactate, and Sodium Bicarbonate for Prevention of Contrast-induced Nephropathy in Patients with Coronary Angiography: A Randomized Double-blind Clinical Trial. *Indian J Nephrol*. 2019;29(1):22-27.

- 36) Pakfetrat M, **Malekmakan L\***, Tadayon T, Nikfar A, Mansourian A. Assessment of kidney function & 24-hour urine of renal stone patients; women have lower urine volume and higher urine citrate. *Women Health Bull.* 2019 January; 6(1):e88048.
- 37) Roozbeh J, **Malekmakan L\***, Tadayon T, Karimi Z, Alrashid A. One year follow up of kidney-transplanted patients who received Rabbit anti-thymocyte globulin. *Inte Jour of Pharmaceutical Resea.* 2019; 11:412-5.
- 38) Afshin Mansourian A, **Malekmakan L\***, Tadayon T, Izadpanahi N. Comparison of Maternal Stress Response to Midazolam/Fentanyl and Propofol During Cesarean Delivery Under Spinal Anesthesia: A Double-Blinded Randomized Controlled Trial. *Women Health Bull.* 2019 January; 6(1):e82741.
- 39) Mahdaviyazad H, **Malekmakan L\***, Sayadi M, Tadayon T. Trends in age at first marriage in women and related factors: A population-based study in southwestern Iran. *Women Health.* 2019 Feb;59(2):171-180.
- 40) Shakeri S, **Malekmakan L\***, Manaheji F, Tadayon T. Inter-observer agreement on varicoceles diagnosis among patients referred to Shiraz Namazi Hospital. *Int J Reprod Biomed.* 2018 Oct;16(10):649-652.
- 41) **Malekmakan L**, Tadayon T, Roozbeh J, Sayadi M. End-stage Renal Disease in the Middle East: a Systematic Review and Meta-analysis. *Iran J Kidney Dis.* 2018 Jul;12(4):195-203.
- 42) **Malekmakan L**, Tadayon T, Azadian F, Sayadi M. Who is sleeping more efficient? Patients on peritoneal dialysis or hemodialysis. *Saudi J Kidney Dis Transpl.* 2018 May-Jun;29(3):630-636.
- 43) Pakfetrat M, **Malekmakan L\***, Hashemi N, Tadayon T. Sertraline can reduce uremic pruritus in hemodialysis patient: A double blind randomized clinical trial from Southern Iran. *Hemodial Int.* 2018;22(1):103-9.
- 44) Roozbeh J, **Malekmakan L\***, Monavarian M, Daneshian A, Karimi Z. Survival of Kidney Retransplant Compared With First Kidney Transplant: A Report From Southern Iran. *Exp Clin Transplant.* 2018 Aug;16(4):386-390.
- 45) Roozbeh J, **Malekmakan L\***, Harifi MM, Tadayon T. Posttransplant Outcomes of Patients With Autosomal Dominant Polycystic Kidney Disease Versus Other Recipients: A 10-Year Report From South of Iran. *Exp Clin Transplant.* 2018 Dec;16(6):676-681.
- 46) **Malekmakan L**, Tadayon T, Pakfetrat M, Mansourian A, Zareei N. Treatments of uremic pruritus: A systematic review. *Dermatol Ther.* 2018 Sep;31(5):e12683.

- 47) **Malekmakan L**, mansourian A, Khodadadi M, Narges Izadpanahi. Effect of Ketamine and Remifentanyl on Blood Glucose Level during Cholecystectomy. *International Journal of Pharmaceutical Research*. 2018;10:314.
- 48) Seyedeh Marzieh Tabatabaei SM, **Malekmakan L\***, Izadpanahi N, mansourian A. Comparative Study of Duration of Spinal Anesthesia with Marcaine and Lidocaine plus Fentanyl between opium abuse and Non-opioid patients. *International Journal of Pharmaceutical Research*. 2018; 10 (1): 341-345.
- 49) Tabatabaei SM, **Malekmakan L\***, Izadpanahi N, mansourian A. Comparative Study of Duration of Spinal Anesthesia with Marcaine and Lidocaine plus Fentanyl between opium abuse and Non-opioid patients. *International Journal of Pharmaceutical Research*. 2018 Jan-March;10 (1):341-5.
- 50) **Malekmakan L**, Tadayon T, Roozbeh J, Sayadi M. End stage renal disease in the Middle East: A systematic review and meta-analysis. *Iran J Kidney Dis*. In Press.2017.
- 51) Shahriari M, Fallahzadeh MH, **Malekmakan L\***, Mojtahedi SY. Renal Complications of Sickle Cell Syndrome in Southern Iran *Iran J Pediatr*.2017. 27(6): e11016.
- 52) **Malekmakan L**, Sayadi M, Maryam Pakfetrat M. The effect of fasting on anthropometric parameters and blood pressure levels - A report from Southern Iran. *Int Cardiovasc Res J*.2017;11(4):143-147.
- 53) Shaghaghian S, **Malekmakan L**, Rahimian V. Dental Caries Status and Its Associated Factors in Pregnant Women in Shiraz.*J Oral Health Oral Epidemiol*. 2017; 6(3):165-172.
- 54) **Malekmakan L**, Tadayon T, Sayadi M, Azadian F. A Comparison of sleep quality in Patients on Hemodialysis and Peritoneal Dialysis. *Saudi J Kidney Dis Transpl*. 2017. In Press.
- 55) Hosseini MM, Hassanpour A, Eslahi A, **Malekmakan L**. Percutaneous Nephrolithotomy During Early Pregnancy in Urgent Situations: Is It Feasible and Safe? *Urol J*. 2017;14(6):5034-5037.
- 56) **Malekmakan L**, Pakfetrat M, Daneshian A, Sayadi M. A comparison of socioeconomic level among hemodialysis patients and normal controls in the fars province, Iran. *Saudi J Kidney Dis Transpl*. 2017; 28:1138-43.
- 57) Pakfetrat M, **Malekmakan L\***, Kamranpour M, Tadayon T. A five consecutive years' study of renal function outcome among biopsy proven lupus nephritis patients in Southern Iran. *Lupus*. 2017;26(10):1082-1088.
- 58) Pakfetrat M, Dabbaghmanesh MH, Karimi Z, Rasekhi A, **Malekmakan L\***, Hossein Nikoo M. Prevalence of hypothyroidism and thyroid nodule in chronic hemodialysis Iranian patients. *Hemodial Int*.2017; 2:84-9.

- 59) Pakfetrat M, **Malekmakan L\***, Hashemi N, Tadayon T. Sertraline can reduce uremic pruritus in hemodialysis patient. *Hemodial Int.* 2017.
- 60) Karimi Z, **Malekmakan L\***, Farshadi M. The prevalence of pregnancy-related acute renal failure in Asia: A systematic review. *Saudi J Kidney Dis Transpl.* 2017;28(1):1-8.
- 61) Roozbeh J, **Malekmakan L\***, Monavarian M, Daneshian A, Karimi Z. Survival of Kidney Retransplant Compared with First Kidney Transplant. *Exp Clin Transplant.* 2016.
- 62) Afshariani R, **Malekmakan L\***, Yazdankhah M, Daneshian A, Sayadi M. The effect of Exercise on the Age at Menarche in Girls at Guidance Schools of Shiraz, Iran. *Women's Health Bull.* 2016; 3(1): e32425.
- 63) Torabi-Nezhad S, **Malekmakan L\***, Mashayekhi M, Daneshian A. Histopathological features of intra-ductal carcinoma of prostatic and high grade prostatic intraepithelialneoplasia and correlation with PTEN and P63. *Prostate.* 2016;76(4):394-401.
- 64) **Malekmakan L**, Delavari S, Mehrab Sayadi M, Keivanshekouh A. The effects of social capital and organizational commitment on the staff's intellectual contribution in the central building of Shiraz University of Medical Sciences. *J Health Man & Info.* 2015;2(2):47-51.
- 65) **Malekmakan L**, Malekmakan A, Sayadi M, Pakfetrat M, Sepaskhah M, Roozbeh J. Association of high-sensitive C-reactive protein and dialysis adequacy with uremic pruritus. *Saudi J Kidney Dis Transpl.* 2015;26(5):890-5.
- 66) Fallahzadeh MA, Abdehou ST, Hassanzadeh J, Fallhzadeh F, Fallahzadeh MH, **Malekmakan L\***. Pattern of in-hospital pediatric mortality over a 3-year period at University teaching hospitals in Iran. *Indian J Crit Care Med.* 2015;19(6):311-5.
- 67) Honarvar B, Lankarani KB, Rostami S, Honarvar F, Akbarzadeh A, Odoomi N, **Malekmakan L**, Rabiye P, Arefi N. Knowledge and Practice of People toward their Rights in Urban Family Physician Program: A Population-Based Study in Shiraz, Southern Iran. *Int J Prev Med.* 2015 4; 6:46.
- 68) Pakfetrat M, Akmal M, **Malekmakan L\***, Dabaghimanesh M, Khorsand M. Role of turmeric in oxidative modulation in end-stage renal disease patients. *Hemodial Int.* 2015;19(1):124-31.
- 69) **MalekMakan L**, Moghadami M, Sayadi M, Mahdavi H, Alipouri Sakha M. Assessment of Social Determinants Related to Mother and Child Healthcare Services: A Cross Sectional Study in Shiraz, Iran 2013, Shiraz E-Med J. 2015 May; 16(5): e26726.
- 70) Yazdani M, Amirshahi E, Shakeri A, Amirshahi R, **Malekmakan L\***. Prenatal and Maternal Outcomes in Advanced Maternal Age, a Comparative Study *Women's Health Bull.* 2015 April; 2(2): e23092.

- 71) Torabinejad S, Owji SM, **Malekmakan L\***, Ahmad E, Daneshian A. The agreement of light and electron microscopy in diagnosis of glomerulonephritis during 10 years, Southern Iran. *International Journal of Current Research*. November 2014; 6 (11):9728-9731.
- 72) Shakeri S, **Malekmakan L\***, Afrasiabi A, Yazdani M, Shakeri A, Shakeri A. Intra-observer variation in physical examination of varicocele. *International Journal of Current Research*. 2014; 6(10): 9239-41.
- 73) Pakfetrat M, Sharifpour Sh, **Malekmakan L\***, Ezzatzadegan Sh, Roozbeh J, Aslani A. The Effect of Magnesium Oxide on Hyperphosphatemia in Female Hemodialysis Patients. *Womens Health Bull*. 2014 Jul; 1(2): e20048.
- 74) Bodaghkhan F, Vazirian S, Roozbeh J, **Malekmakan L\***, Ramzi M. The association of serum sialic acid and neuraminidase activity value with diabetes and nephropathic mice. *International Journal of Current Life Sciences*. 2014; (4): 3841-3.
- 75) Pakfetrat M, Akmal M, **Malekmakan L\***, Dabaghimanesh M, Khorsand M. Role of turmeric in oxidative modulation in end-stage renal disease patients. *Hemodial Int*. 2014 Aug 16.
- 76) Khajehdehi P, **Malekmakan L\***, Pakfetrat M, Roozbeh J, Sayadi M. Prevalence of chronic kidney disease and its contributing risk factors in southern iran: a cross-sectional adult population-based Study. *Iran J Kidney Dis*. 2014 Mar;8(2):109-15.
- 77) Pakfetrat M, Basiri F, **Malekmakan L\***, Roozbeh J. Effects of turmeric on uremic pruritus in end stage renal disease patients: a double-blind randomized clinical trial. *J Nephrol*. 2014;27(2):203-7.
- 78) Pakfetrat M, Rasekhi A, Eftekhari F, Hashemi N, Roozbeh J, Torabineghad S, **Malekmakan L\***. Ergotamine-induced acute tubulo-interstitial nephritis. *Saudi J Kidney Dis Transpl*. 2013 Sep;24(5):981-3.
- 79) Zarrabi K, Zolghadrasli A, Ali Ostovan M, Azimifar A, **Malekmakan L**. Residual pulmonary hypertension after retrograde pulmonary embolectomy: long-term follow-up of 30 patients with massive and submassive pulmonary embolism. *Interact Cardiovasc Thorac Surg*. 2013 Aug;17(2):242-6.
- 80) Pakfetrat M, Shahroodi JR, Zolghadr AA, Larie HA, Nikoo MH, **Malekmakan L\***. Effects of zinc supplement on plasma homocysteine level in end-stage renal disease patients: a double-blind randomized clinical trial. *Biol Trace Elem Res*. 2013 Jun;153(1-3):11-5.
- 81) **Malekmakan L**, Malekmakan A, Daneshian A, Pakfetrat M, Roosbeh J. Hypertension and diabetes remain the main causes of chronic renal failure in Fars Province, Iran 2013. *Saudi J Kidney Dis Transpl*. 2016;27:423-4 (**pub med**).

- 82) **Malekmakan L**, Khajehdehi P, Pakfetrat M, Malekmakan A, Mahdaviazad H, Roozbeh J. Prevalence of chronic kidney disease and its related risk factors in elderly of southern iran: a population-based study. *ISRN Nephrol.* 2013 Jul 7; 2013:427230.
- 83) **Malekmakan L**, Sayadi M, Pakfetrat M. Assessment of pruritus status and its relation to dialysis adequacy and laboratory factors among hemodialysis patients. *J Jahrom Univ Med Sci* 2013; 10(4):49-55.
- 84) Pakfetrat M, Roozbeh J, Nikoo M, Asem Z, **Malekmakan L**, Nikoo MH. Common Echocardiography Findings in Pre-Transplant Dialysis Patients and their Associations. *Hong Kong Journal of Nephrology* 2013;15(2): 68-74.
- 85) **Malekmakan L**, Pakfetrat M, Sayadi M. Assessment of pruritus status and its relation to dialysis adequacy and laboratory factors among hemodialysis patients. *Jahrom Medical School.* 2012; In press.
- 86) **Malekmakan L**, Haghpanah S, Pakfetrat M, Ebrahimi Z, Hasanli E. Oral health status in Iranian hemodialysis patients. *Indian J Nephrol.* 2011 Oct;21(4):235-8.
- 87) Khajehdehi P, **Malekmakan L\***, Maryam Pakfetrat, Sayadi M. Prevalence of chronic kidney disease and its contributing risk factors in Southern Iran: A cross sectional, prospective, randomized and adult population-based study. Under review in *International Urology and Nephrology*.
- 88) Pakfetrat M, Roozbeh J, Zolghadr AA, Larie AH, Nikoo MH, **Malekmakan L\***. Effects of zinc supplement on plasma homocysteine level in ESRD patients: A double blind randomized clinical trial. Under review in *Biological Trace Element Research*.
- 89) Askarian M, **Malekmakan L**, Memish ZA, Assadian O. Prevalence of needle stick injuries among dental, nursing and midwifery students in Shiraz, Iran..*GMS Krankenhhyg Interdiszip.* 2012;7(1).
- 90) Salehi A, Khezri AA, **Malekmakan L**, Aminsharifi A. Epidemiologic status of bladder cancer in Shiraz, southern Iran.*Asian Pac J Cancer Prev.* 2011;12(5):1323-7.
- 91) Khajehdehi P, Zanjanejad B, Aflaki E, Nazarinia M, Azad F, **Malekmakan L\***, Dehghanzadeh GR. Oral Supplementation of Turmeric Decreases Proteinuria, Hematuria, and Systolic Blood Pressure in Patients Suffering from Relapsing or Refractory Lupus Nephritis: A Randomized and Placebo-controlled Study. *J Ren Nutr.* 2011 Jul 8.
- 92) Khajehdehi P, Pakfetrat M, Javidnia K, Azad F, **Malekmakan L\***, Nasab MH, Dehghanzadeh G. Oral supplementation of turmeric attenuates proteinuria, transforming growth factor- $\beta$  and interleukin-8 levels in patients with overt type 2 diabetic nephropathy: A randomized, double-blind and placebo-controlled study. *Scand J Urol Nephrol.* 2011 May 31.

- 93) **Malekmakan L**, Shakeri S, Malekmakan A, Haghpanah S Pakfetrat M, Sadeghi A. Epidemiology of erectile dysfunction in hemodialysis patients using IIEF questionnaire. *Saudi J Kidney Dis Transpl.* 2011; 22(2):232-6.
- 94) Salehi A, Owji N, **Malekmakan L**, Eghtedari M, Imanieh MH. Epidemiologic Features of Retinoblastoma in Shiraz, Southern Iran. *Iran Red Crescent Med J* 2011; 13(2):128-133.
- 95) Ramzi M, Haghpanah S, **Malekmakan L**, Kohan N, Baseri A, Alamdari A, Zare N. Anemia and iron deficiency in adolescent school girls in Kavar urban area in southern Iran. *Iran Red Crescent Med J* 2011; 13(2):128-133
- 96) Pakfetrat M, Roozbeh J, **Malekmakan L**\*, Zare N, Nasab MH, Nikoo MH. Is there an association between intradialytic hypotension and serum magnesium changes? *Hemodial Int.* 2010;14(4):492-7.
- 97) Pakfetrat M, Nikoo MH, **Malekmakan L**\*, Tabande M, Roozbeh J, Rejsjalali G, Khajedehe P. Comparison of risk factors for contrastinduced acute kidney injury between patients with and without diabetes. *Hemodial Int.* 2010; 14(4):387-92.
- 98) Pakfetrat M, Roozbeh J, **Malekmakan L**\*, Zare N, Nasab MH, Nikoo MH. Relation of serum albumin and C-reactive protein to hypotensive episodes during hemodialysis sessions. *Saudi J Kidney Dis Transpl.* 2010;21(4):707-11.
- 99) Pakfetrat M, Nikoo MH, **Malekmakan L**\*, Tabande M, Roozbeh J, Rejsjalali G, Zare N, Khajedehe P. Risk Factors for Contrast-related Acute Kidney Injury According to Risk, Injury, Failure, Loss, and End-stage Criteria in Patients With Coronary Interventions. *Iran J Kidney Dis.* 2010;4(2):116-22.
- 100) **Malekmakan L**, Haghpanah S, Pakfetrat M, Malekmakan A, Alimanesh M, Haghpanah A, Khajedehe P. Dialysis adequacy and kidney disease outcomes quality initiative goals achievement in an Iranian hemodialysis population. *Iran J Kidney Dis.* 2010;4(1):39-43.
- 101) **Malekmakan L**, Haghpanah S, Moravej H, Sharifi M. The Effect of Intervention on Patient's Satisfaction in Emergency Departments of the Hospitals Affiliated to Shiraz University of Medical Sciences. *Journal of Jahrom Medical School.* 2010; 7(3):50-58.

- 102) Pakfetrat P, Rasekhie A, Eftekhari F, Hashemi N, Roozbeh J, Torabinegad S, **Malekmakan L\***. A case of Ergotomine- induced acute tubulointerstitial nephritis. Accepted by Saudi J Kidney Dis Transpl at Jul 2010.
- 103) Shakeri S, Haghpanah A, Khezri A, Yazdani M, Monabbati A, Haghpanah S, **Malekmakan L\***, Ayrempour S. Application of amniotic membrane as xenograft for urethroplasty in rabbit. *Int Urol Nephrol*. 2009; 41:895–901.
- 104) Pakfetrat M, **Malekmakan L\***, Hasheminasab M. Diminished Selenium Levels in Hemodialysis and Continuous Ambulatory Peritoneal Dialysis Patients. *Biol Trace Elem Res*. 2009 Dec 29.
- 105) Pakfetrat M, Nikoo MH, **Malekmakan L\***, Tabandeh M, Roozbeh J, Nasab MH, and et al. A comparison of sodium bicarbonate infusion versus normal saline infusion and its combination with oral acetazolamide for prevention of contrast-induced nephropathy: a randomized, double-blind trial. *Int Urol Nephrol*. 2009;41(3):629-34.
- 106) **Malekmakan L**, Haghpanah S, Pakfetrat M, Malekmakan A, Khajehdehi P. Causes of chronic renal failure among Iranian hemodialysis patients. *Saudi J Kidney Dis Transpl*. 2009;20(3):501-4.
- 107) **Malekmakan L**, Haghpanah S, Askarian M, Jowkari M, Moalae M. Hand hygiene in Iranian health care workers. *American Journal of Infection Control (AJIC)*. 2008; 36 (8): 602-3.
- 108) Pakfetrat M, **Malekmakan L\***, Roozbeh J, Haghpanah S. Magnesium and its relationship to C-reactive protein among hemodialysis patients. *Magnesium Research journal*.2008; 21(3):167-70.
- 109) Hosseini SV, **Malekmakan L\***, Haghpanah S. The status of Charitable Health Organization in Some Islamic countries. *Middle East Journal of Age and Ageing (ME-JAA)*. 2007; 4(3):21-23.
- 110) Hadi N, **Malekmakan L\***. Evaluation of health state and quality of life in primary school teachers of Shiraz, 2003. *Hormozgan Medical Journal*. 2007; 5(2): 387-392.
- 111) Askarian M, **Malekmakan L**, ML, Zare N and Paterson JM. Prevalence of needle Stick injuries in medical students of Shiraz University of Medical Sciences, Shiraz, Iran. *Infect Cont Hosp Epidemiol*. 2006;27(1):99-100.
- 112) Askarian M, **Malekmakan L**. The prevalence of needle sticks injuries in medical, dental, nursing and midwifery students at the university teaching hospitals of Shiraz Iran. *Indian J Med Sci*. 2006; 60 (6): 227-232.

113) Askarian M, **Malekmakan L**. Prevalence of needle stick injuries in dental students of Shiraz University of Medical Sciences, Shiraz, Iran. *Kerman Medical Science Journal*. 2005;4: 265-270.

## **Presentations**

- 1) **Malekmakan L**, Roozbeh J, Hamidianjahromi A, Doostkam A, Dorranejad A. COVID-19 associated acute kidney injury: incidence, risk factors and outcomes. 18<sup>th</sup> International Congress of Nephrology, Dialysis and Transplantation. 2021. (Poster presentation).
- 2) **Malekmakan L** (forth author). The role of bone marrow mesenchymal stem cells in the expression of TLR2 and TLR4 in acute kidney injury induced by renal ischemia-reperfusion in rats. Twenty-fourth National Congress and Third International Congress of Physiology and Pharmacology of Iran. 2021. (Poster presentation).
- 3) **Malekmakan L**, Pakfetrat M, Tadayan T, Doostkam A. A five-year study of renal outcome of focal segmental glomerulosclerosis patients. 18<sup>th</sup> International Congress of Nephrology, Dialysis and Transplantation. 2021. (Poster presentation).
- 4) Pakfetrat M, Shahroodi JR, **Malekmakan L**, Zare N, Nasab MH, Nikoo M H. Is there an association between intradialysis hypotension and serum magnesium change during dialysis? XIIth International Magnesium Symposium held to Iasi, Romania, 22-25 September 2009. (Oral presentation).
- 5) Pakfetrat M, Nikoo MH, **Malekmakan L**, Tabande M, Roozbeh J, Hashemi Nasab M, and et al. A comparative study on the effects of acetazolamide, sodium bicarbonate and sodium chloride in the prevention of contrast induced nephropathy. 11<sup>th</sup> congress of Iranian Urology Association, May 29- 1 st June 2008. (Poster presentation).
- 6) Hosseini SV, **Malekmakan L**, Haghpanah S. The status of charitable health organization in some Islamic countries. The First International Congress on the Outlook of Charity Organizations of Health Services in Iran 24-25 Jan, 2007 Shiraz-Iran. (Poster presentation).
- 7) Shokri A, Haghpanah S, **Malekmakan L**, Safari H, Delirian M. Assessment of job satisfaction, stress and their related factors in nurses in Tehran 2007. The second International Congress on Occupational Health. (Poster presentation).

**Publications:** Google scholar citations h-index: 27

Scopus citations h-index: 19

**Areas of study:** Epidemiology, Nephrology research

**Software Skills:** SPSS, Excel, Endnote

**Teaching & work Experience:**

- A) "**Basic of Medicine**" for students of Shiraz University Faculty of Management & Medical Information Sciences
- B) "**Research Method 1, 2**" for medical student, PHD student, students of Shiraz University Faculty of Management & Medical Information Sciences, health care worker
- C) **TQM:** Total Quality Management "and another lessons of health course for medical students, every month (2003-2006).
- D) "**Experimental practice**" in social medicine field for medical student
- E) "**Infection Control**" for medical student, PHD student