

RESUME

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TITLE

Professor of Nephrology

OBJECTIVE

To continue my education towards the FLSP in Nephrology for six months as I have been awarded a scholarship by Ministry of Health and Medical Education to do that.

EDUCATION

- Medical University Finished in Shiraz University of Medical Science in 1997
- Specialty Board in Internal medicine in Shiraz University of Medical Science from 1998 to 2002
- Subspecialty Board of Nephrology in Tehran University of Medical Science from 2004-2006

EXPERIENCE

- From 1997-1998 Work in Clinic of Medical University of Shiraz as a general practitioner
- From 2002 to 2003 in clinic and university of Yassuje Medical University as an internist and assistant professor
- From 2003 to 2004 in Gerash Hospital and clinic as internist
- From late 2006 till now work in Shiraz University of Medical Science as a Nephrologist

AWARD

- Award for highest grade in Nephrology board in Iran, September 2006

RESEARCH

1-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.Pakfetrat M, Malekmakan L, Salmanpour Z, Nikoo MH, Izadpanah P.Indian J Nephrol. 2019 Jan-Feb;29(1):22-27..

2-Treatments of uremic pruritus: A systematic review.Malekmakan L, Tadayon T, Pakfetrat M, Mansourian A, Zareei N.Dermatol Ther. 2018 Sep;31(5):e12683.

3-Sertraline can reduce uremic pruritus in hemodialysis patient: A double blind randomized clinical trial from Southern Iran.Pakfetrat M, Malekmakan L, Hashemi N, Tadayon T.Hemodial Int. 2018 Jan;22(1):103-109

4-A five consecutive years' study of renal function outcome among biopsy proven lupus nephritis patients in Southern Iran.Pakfetrat M, Malekmakan L, Kamranpour M, Tadayon T.Lupus. 2017 Sep;26(10):1082-1088.

5-A comparison of socioeconomic level among hemodialysis patients and normal controls in the fars province, Iran.Malekmakan L, Pakfetrat M, Daneshian A, Sayadi M.Saudi J Kidney Dis Transpl. 2017 Sep-Oct;28(5):1138-1143.

6-Acute interstitial nephritis in the south of Iran; an observational study.

Khodamoradi Z, Pakfetrat M, Torabinezhad S, Sagheb MM.J Nephropathol. 2017 Jul;6(3):225-230.

7-Prevalence of hypothyroidism and thyroid nodule in chronic hemodialysis Iranian patients.Pakfetrat M, Dabbaghmanesh MH, Karimi Z, Rasekhi A, Malekmakan L, Hossein Nikoo M.Hemodial Int. 2017 Jan;21(1):84-89..

8-Therapeutic Effect of Montelukast for Treatment of Uremic Pruritus in Hemodialysis Patients.Mahmudpour M, Roozbeh J, Raiss Jalali GA, Pakfetrat M, Ezzat Zadegan S, Sagheb MM.Iran J Kidney Dis. 2017 Jan;11(1):50-55.

9-Hypertension and diabetes remain the main causes of chronic renal failure in Fars Province, Iran 2013.Malekmakan L, Malekmakan A, Daneshian A, Pakfetrat M, Roosbeh J.Saudi J Kidney Dis Transpl. 2016 Mar;27(2):423-4.

10-Common echocardiography findings in pretransplant dialysis patients and their associations.M Pakfetrat, J Roozbeh, MH Nikoo, Z Asem, L Malekmakan, MA Nikoo.Hong Kong Journal of Nephrology.2013; 15 (2), 68-74

11-Association of high-sensitive C-reactive protein and dialysis adequacy with uremic pruritus.Malekmakan L, Malekmakan A, Sayadi M, Pakfetrat M, Sepaskhah M, Roozbeh J.Saudi J Kidney Dis Transpl. 2015 Sep;26(5):890-5.

12-Role of turmeric in oxidative modulation in end-stage renal disease patients.Pakfetrat M, Akmal M, Malekmakan L, Dabaghmanesh M, Khorsand M.Hemodial Int. 2015 Jan;19(1):124-31.

13-Frequency of Polyomavirus BK Infection in Kidney Transplant Patients Suspected to Nephropathy.Pakfetrat M, Yaghoobi R, Salmanpoor Z, Roozbeh J, Torabinezhad S, Kadkhodaei S.Int J Organ Transplant Med. 2015;6(2):77-84.

14-Effects of turmeric on uremic pruritus in end stage renal disease patients: a double-blind randomized clinical trial.Pakfetrat M, Basiri F, Malekmakan L, Roozbeh J.J Nephrol. 2014 Apr;27(2):203-7.

15-Prevalence of chronic kidney disease and its contributing risk factors in southern Iran: a cross-sectional adult population-based study.Khajehdehi P, Malekmakan L, Pakfetrat M, Roozbeh J, Sayadi M.Iran J Kidney Dis. 2014 Mar;8(2):109-15.

16-The preventive effect of pentoxifylline on contrast-induced nephropathy: a randomized clinical trial.Yavari V, Ostovan MA, Kojuri J, Afshariani R, Hamidian Jahromi A, Roozbeh J, Pakfetrat M.Int Urol Nephrol. 2014 Jan;46(1):41-6

17-Stone composition in patients who undergo renal stone surgery: review of 423 stone analyses in southern iran.Hosseini MM, Shakeri S, Manaheji F, Aminsharifi A, Ezatzadegan S, Pakfetrat M, Basiratnia M, Hosseini M.Iran J Med Sci. 2014 Jan;39(1):75-6. No abstract available.

18-Ergotamine-induced acute tubulo-interstitial nephritis.Pakfetrat M, Rasekhi A, Eftekhari F, Hashemi N, Roozbeh J, Torabineghad S, Malekmakan L.Saudi J Kidney Dis Transpl. 2013 Sep;24(5):981-3.

19-Prevalence of chronic kidney disease and its related risk factors in elderly of southern iran: a population-based study.Malekmakan L, Khajehdehi P, Pakfetrat M, Malekmakan A, Mahdaviazad H, Roozbeh J.ISRN Nephrol. 2013 Jul 7;2013:427230.

20-Effects of zinc supplement on plasma homocysteine level in end-stage renal disease patients: a double-blind randomized clinical trial.Pakfetrat M, Shahroodi JR, Zolghadr AA, Larie HA, Nikoo MH, Malekmakan L.Biol Trace Elem Res. 2013 Jun;153(1-3):11-5. doi: 10.1007/s12011-013-9639-2.

21-Effect of addition of silymarin to renin-angiotensin system inhibitors on proteinuria in type 2 diabetic patients with overt nephropathy: a randomized, double-blind, placebo-controlled trial.Fallahzadeh MK, Dormanesh B, Sagheb MM, Roozbeh J, Vessal G, Pakfetrat M, Daneshbod Y, Kamali-Sarvestani E, Lankarani KB.Am J Kidney Dis. 2012 Dec;60(6):896-903.

22-Application of seemingly unrelated regression in medical data with intermittently observed time-dependent covariates.Keshavarzi S, Ayatollahi SM, Zare N, Pakfetrat M.Comput Math Methods Med. 2012;2012:821643.

23-Urinary monocyte chemotactic protein-1 and transforming growth factor- β in systemic lupus erythematosus.Torabinejad S, Mardani R, Habibagahi Z, Roozbeh J, Khajehdehi P, Pakfetrat M, Banihashemi MA, Banihashemi SJ.Indian J Nephrol. 2012 Jan;22(1):5-12

24-Oral supplementation of turmeric attenuates proteinuria, transforming growth factor- β and interleukin-8 levels in patients with overt type 2 diabetic nephropathy: a randomized, double-blind and placebo-controlled study.Khajehdehi P, Pakfetrat M, Javidnia K, Azad F, Malekmakan L, Nasab MH, Dehghanzadeh G.Scand J Urol Nephrol. 2011 Nov;45(5):365-70.

25-Oral health status in Iranian hemodialysis patients.Malekmakan L, Haghpanah S, Pakfetrat M, Ebrahimi Z, Hasanlic E.Indian J Nephrol. 2011 Oct;21(4):235-8.

26-Cloxacillin as an antibiotic lock solution for prevention of catheter-associated infection.Davanipur M, Pakfetrat M, Roozbeh J.Iran J Kidney Dis. 2011 Sep;5(5):328-31.

27-Effects of right ventricular septal versus apical pacing on plasma natriuretic peptide levels.Nikoo MH, Ghaedian MM, Kafi M, Fakhrpour A, Jorat MV, Pakfetrat M, Ostovan M, Emkanjoo Z.J Cardiovasc Dis Res. 2011 Apr;2(2):104-9.

28-Epidemiology of erectile dysfunction in hemodialysis patients using IIEF questionnaire.Malekmakan L, Shakeri S, Haghpanah S, Pakfetrat M, Sarvestani AS, Malekmakan A.Saudi J Kidney Dis Transpl. 2011 Mar;22(2):232-6.

29-Laboratory effect of HBV infection in kidney transplant recipients and donors.Arjmandi K, Yaghobi R, Ravanshad M, Hosseini SY, Roozbeh J, Pakfetrat M.Transplant Proc. 2011 Mar;43(2):554-6

30-Comment on: does zinc supplementation affect inflammatory markers in hemodialysis patients.Roozbeh J, Sharifian M, Sagheb MM, Shabani S, Hamidian Jahromi A, Afshariani R, Pakfetrat M, Salehi O.Ren Fail. 2011;33(4):466-7.

31-Comparative effects of silymarin and vitamin E supplementation on oxidative stress markers, and hemoglobin levels among patients on hemodialysis.Roozbeh J, Shahriyari B, Akmal M, Vessal G, Pakfetrat M, Raees Jalali GA, Afshariani R, Hasheminasab M, Ghahramani N.Ren Fail. 2011;33(2):118-23.

32-Diminished selenium levels in hemodialysis and continuous ambulatory peritoneal dialysis patients.Pakfetrat M, Malekmakan L, Hasheminasab M. Biol Trace Elem Res. 2010 Dec;137(3):335-9.

33-Is there an association between intradialytic hypotension and serum magnesium changes?Pakfetrat M, Roozbeh Shahroodi J, Malekmakan L, Zare N, Hashemi Nasab M, Hossein Nikoo M.Hemodial Int. 2010 Oct;14(4):492-7.

34-Comparison of risk factors for contrast-induced acute kidney injury between patients with and without diabetes.Pakfetrat M, Nikoo MH, Malekmakan L, Tabande M, Roozbeh J, Ganbar Ali RJ, Khajehdehi P.Hemodial Int. 2010 Oct;14(4):387-92.

35-Relation of serum albumin and C-reactive protein to hypotensive episodes during hemodialysis sessions.Pakfetrat M, Roozbeh J, Malekmakan L, Zare N, Nasab MH, Nikoo MH.Saudi J Kidney Dis Transpl. 2010 Jul;21(4):707-11.

36-Risk Factors for contrast-related acute kidney injury according to risk, injury, failure, loss, and end-stage criteria in patients with coronary interventions.Pakfetrat M, Nikoo MH, Malekmakan L, Tabande M, Roozbeh J, Rejsjalali G, Zare N, Khajehdehi P.Iran J Kidney Dis. 2010 Apr;4(2):116-22.

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39-Tuberculosis in a kidney transplant recipient diagnosed by fine needle aspiration cytology of the bone marrow.Azarpira N, Pakfetrat M. Saudi J Kidney Dis Transpl. 2009 May;20(3):482-3.

40- 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.Pakfetrat M, Nikoo MH, Malekmakan L, Tabandeh M, Roozbeh J, Nasab MH, Ostovan MA, Salari S, Kafi M, Vaziri NM, Adl F, Hosseini M, Khajehdehi P.Int Urol Nephrol. 2009;41(3):629-34.

41-Protective effect of pentoxifylline on contrast induced nephropathy. Roozbeh J, Hamidian Jahromi A, Sharifian M, Pakfetrat M, Afshariani R. Saudi J Kidney Dis Transpl. 2008 Nov;19(6):985-6.

42-Magnesium and its relationship to C-reactive protein among hemodialysis patients. Pakfetrat M, Malekmakan L, Roozbeh J, Haghpanah S. Magnes Res. 2008 Sep;21(3):167-70.

43-Evaluation of the effect of integrated trainings on nutritional status and dialysis adequacy in hemodialysis patients. Mojtaba Rayati, M Jadid Milani, AmirHosein Pishgooei, Maryam Pakfetrat. Med Surg Nurs J. 2016;5(2): 22-31

44-The effect of aerobic training on the amount of GFR and excreted of creatinine in patients with chronic kidney disease. RAFATI, F Taghian, M Pakfetrat, F Daryanoosh, H Mohammadi. Annals Of Military And Health Sciences Research. 2012 ;9 (436), 264-270.

45-The effect of magnesium oxide on hyperphosphatemia in female hemodialysis patients. M Pakfetrat, S Sharifpour, L Malekmakan, SE Jahromi, J Roozbeh, ... Women's Health Bulletin. 2014; 1 (2)

46-The Effect of 8 Week Running on Treadmills on the Amount of blood pressure and excreted albumin protein in Patients with Chronic kidney disease. RAFATI, F Taghian, M Pakfetrat. Annals Of Military And Health Sciences Research . 2012;10 (238), 118-124

47-Comparison of cytokine levels IL2, IL6, TNF α in brain death and living donors and its relationship with early renal graft function in the recipients in Shiraz Namazi Hospital. M Pakfetrat, J Roozbeh, N Azarpira, F Eftekharian, R Sahraei. Journal of Jahrom University of Medical Sciences. 2011; 9 (2).

48-A Surge in Methanol Poisoning Amid COVID-19 Pandemic: Why Is This Occurring? Peyman Arasteh, Maryam Pakfetrat, Jamshid Roozbeh. Am J Med Sci. 2020 Aug;360(2):201. .amjms.2020.05.019. Epub 2020 May 20.

49-Review of Renal Biopsies, A Single Center Experience. Maryam Pakfetrat, Leila Malekmakan¹, Simin Torabinezhad, Omid Yousefi, Dariush Naddaffard. Iran J Kidney Dis. 2020 Jan;14(1):12-19

50-Endoscopic findings in hemodialysis patients upon workup for kidney transplantation. Maryam Pakfetrat, Leila Malekmakan, Jamshid Roozbeh, Taraneh Tadayon, Maryam Moini, Maryam Goodarzi. Saudi J Kidney Dis Transpl. Mar-Apr 2020;31(2):388-394

51-Role of vitamin D in oxidative stress modulation in end-stage renal disease patients: A double-blind randomized clinical trial. Leila Malekmakan¹, Zeinab Karimi Afshin Mansourian, Maryam Pakfetrat, Jamshid Roozbeh, Khojaste Rahimi Jaber. Hemodial Int. 2020 Jul;24(3):367-373. Epub 2020 Jun 9

RESEARCH INTERESTS

- Dialysis
- Diabetic Nephropathy
- Kidney Transplant

PRESENTATIONS

1- New aspect of treatment of Hypertention, “Shiraz Internal medicine conference June 2007”
2- Negar Azarpira , Maryam Pakfetrat , Mehrzad Pourjafar. Tuberculosis- A rare cause of anemia in renal transplant recipient. 14th Congress of the European Transplant (ESOT), 2005.

3-N. Azarpira, M. Pakfetrat, M.h. Aghdai et al. **Diffuse Involvement of Bone Marrow Space with Mycobacterial Microorganism Presenting as Severe Anemia.** 9th Congress of Asian Society of Transplantation 2005.

4-N. Azarpira, M. Pakfetrat, M.H. Aghdai. . Diagnosis of Cytomegalovirus Active Infection and Disease 14th Congress of the European Transplant (ESOT), 2005

5-- Roozbeh J, Pakfetrat M, Raees Jalali GA, et al. The socioeconomical status of 100 renal transplant recipients in Shiraz. 11th international congress of nephrology dialysis, transplantation. Tehran. 20-23 November 2007. (poster).

6-- Roozbeh J, Pakfetrat M, Raees Jalali GA, et al. Transplant outcome as related to prolonged versus short term pretransplantation dialysis. 11th international congress of nephrology dialysis, transplantation. Tehran. 20-23 November 2007. (poster).

7- Roozbeh J, Pakfetrat M, Raees Jalali GA, et al. Zinc deficiency Among dialysis chronic renal failure patients undergoing maintenance hemodialysis. 11th international congress of nephrology dialysis, transplantation. Tehran. 20-23 November 2007. (poster).

8- Maryam Pakfetrat MD^a, Mohamad Hosein Nikoo MD^b, Leila Malekmakan MD, et al. Comparison of normal saline versus its combination with oral acetazolamide and sodium bicarbonate infusion for prevention of contrast-induced nephropathy: A prospective, double blind and randomized trial. 11th Iranian urological association, 2008

Scopus H index:

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COMMUNITY INVOLVEMENT

1-Member of international society of nephrology

2-Member of Nephrology and Urology Research center (SNURC) of Shiraz Medical University (since 2007)

3- Establishment of CKD clinic in Shiraz University-2007

LANGUAGE

English and Farsi

INTERESTS

□ Researches in Nephrology