

Curriculum Vitae



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PERSONAL INFORMATION

Birth date (day/month/year): 25/04/1974

Place of birth: Isfahan/Iran

Marital status: Married

EDUCATION

Fellow in endourology and Laparoscopy: Shahid Beheshti University of Medical Sciences, Tehran, Iran. 2007-2009

UROLOGY (residency): Isfahan University of Medical Sciences, Isfahan, Iran. 2002-2006

MEDICAL DEGREE (MD): Isfahan University of Medical Sciences, Isfahan, Iran. 1999

GRANTS AND FELLOWSHIPS

Date, Name, Significant info., Amount

RESEARCH EXPERIENCE

TEACHING EXPERIENCE

Thesis supervision:

Urodynamic findings in patients with spinal cord injury, Feb 2007-Nov 2007

Research thesis Level: Doctoral, Khorshid Hospital, Isfahan

RELEVANT WORK EXPERIENCE

UNIVERSITY SERVICE

- Associate professor of urology, Isfahan university of medical sciences

PUBLICATIONS

Books:

- 1) Rapid interpretation of urodynamic study 2009 (author)
- 2) Danforth's Obstetrics and Gynecology (translated)

Journal articles:

- [Effect of Rectal Midazolam on Pain, Stress, and Cooperation of Patient during Urodynamic Test in Women: A Randomized Clinical Trial](#) 2023
N Saberi, A Hayrabedian, H Mazdak, R Hassannejad, M Zargham, ...
Urology Journal 20 (02), 129-134
- [Evaluation of the efficacy of oxidized cellulose \(surgicel\) in reducing blood loss in suprapubic simple open prostatectomy: A randomized clinical trial](#) 2023
R Kazemi, F Gholipour, H Salehi, MM Sichani, A Behnamfar, M Fathi
Journal of Research in Medical Sciences 28 (1), 29
- [Evaluating the effectiveness of tranexamic acid administration in reducing bleeding in benign prostate hyperplasia patients underwent open prostatectomy: A double-blind ...](#) 2023
MM Sichani, S Mohammadi, MH Khorrami, M Zargham, A Javid, ...

- Journal of Research in Medical Sciences 28 (1), 8
- [Single session pre-operative pelvic floor muscle training with biofeedback on urinary incontinence and quality of life after radical prostatectomy: A randomized controlled trial](#) 2023
MH Khorrami, A Mohseni, F Gholipour, F Alizadeh, M Zargham, ...
Urological Science 34 (1), 23
- [Ureterocele mimicking uterine polyp in a young woman presenting with a vulvar mass: A case report](#) 2022
MS Mirazimi, F Behnamfar, MM Sichani, F Dashti, SMA Mirazimi
Urology Case Reports 43, 102085
- [Does the simple renal cyst treatment improve renal function: A pilot study](#) 2022
MM Sichani, R Safi, S Haghdani, MH Khorrami, F Alizadeh, ...
Advanced Biomedical Research 11
- [Diagnostic yield of fusion magnetic resonance-guided prostate biopsy versus cognitive-guided biopsy in biopsy-naive patients: a head-to-head randomized controlled trial](#) 2021
MH Izadpanahi, A Elahian, F Gholipour, MH Khorrami, M Zargham, ...
Prostate Cancer and Prostatic Diseases, 1-7
- [The Effect of Pre-TURP Bladder Irrigation with 0.2% Chlorhexidine in Patients with Foley Catheter Regarding Postoperative Bacteremia Decrease](#) 2021
MH Khorrami, SH Jahangiri, F Alizadeh, F Khorrami, MH Izadpanahi, ...
Archives of Clinical Infectious Diseases 16 (1)
- [The prevalence of lower urinary tract symptoms based on individual and clinical parameters in patients with multiple sclerosis](#) 2020
F Nazari, V Shaygannejad, MM Sichani, M Mansourian, V Hajhashemi
BMC neurology 20 (1), 1-11
- [Quality of life among patients with multiple sclerosis and voiding dysfunction: a cross-sectional study](#) 2020
F Nazari, V Shaygannejad, M Mohammadi Sichani, M Mansourian, ...
BMC urology 20, 1-10
- [Sexual dysfunction in women with multiple sclerosis: prevalence and impact on quality of life](#) 2020
F Nazari, V Shaygannejad, MM Sichani, M Mansourian, V Hajhashemi
BMC urology 20 (1), 1-10
- [Electrocoagulation accounts for a significant portion of discrepancy between preoperative ultrasonography prostate size estimation and resected tissue weight](#) 2020
MH Khorrami, F Gholipour, M Zargham, M Mohammadi Sichani, ...
Journal of endourology 34 (6), 671-675
- [Evaluation of Quality of Life among Patients with Multiple Sclerosis and voiding dysfunction: A Cross-Sectional Study](#) 2019
F Nazari, V Shaygannejad, MM Sichani, MM Gharaagozlou, ...
- [Genitourinary tract cancers: Frequency and demographic characteristics](#) 2019
Z Tolou_Ghamari, H Mazdak, M Saboori, MM Sichani
Clinical Cancer Investigation Journal 8 (6), 232
- [The Prevalence of Lower Urinary Tract Symptoms Based on Individual and Clinical Parameters in Patients with Multiple Sclerosis](#) 2019

- V Shaygannejad, F Nazari, MM Sichani, MM Gharaagozlou, ...
[Surveying the Prevalence of Lower Urinary Tract Symptoms Based on Individual and Clinical Parameters in Patients with Multiple Sclerosis](#) 2019
 F Nazari, V Shaygannejad, MM Sichani, MM Gharaagozlou, ...
[Evaluation of Quality of Life among Patients with Multiple Sclerosis and Lower Urinary Tract Symptoms: A Cross-Sectional Study](#) 2019
 F Nazari, V Shaygannejad, MM Sichani, MM Gharaagozlou, ...
[Evaluation and Comparison of Metabolic Disorders between Patients with Unilateral and Bilateral Staghorn Renal Stones](#) 2019
 MM Sichani, A Jafarpisheh, A Ghoreifi
 Urology journal 16 (3), 242-245
[ENDOUROLOGY AND STONE DISEASE: Evaluation and Comparison of Metabolic Disorders between Patients with Unilateral and Bilateral Staghorn Renal Stones](#) 2019
 SM Mohammadi, A Jafarpisheh, A Ghoreifi
 UROLOGY JOURNAL 16 (3), 242-245
[A comparison between dextranomer/hyaluronic acid and polyacrylate polyalcohol copolymer as bulking agents for treating primary vesicoureteral reflux](#) 2019
 F Alizadeh, I Omid, S Haghdani, MH Khorrami, MH Izadpanahi, ...
 Urology journal 16 (2), 174-179
[Comparison of two methods of laparoscopic trocar insertion \(Hasson and Visiport\) in terms of speed and complication in urologic surgery](#) 2018
 M Mohammadi, B Shakiba, M Shirani
 BioMedicine 8 (4)
[The effect of selenium supplementation on cystine crystal volume in patients with cystinuria](#) 2018
 M Mohammadi, A Shohani, H Khorami, KN Mahdavi, ...
 BioMedicine 8 (4)
[A Contribution into Developing a Model for Prostate Cancer Self-Care Mobile Application](#) 2018
 P Zargarzadeh, A Ehteshami, M Mohammadi-Sichani
 Medical Archives 72 (5), 344
[Discrepancies Between Biopsy Gleason Score and Radical Prostatectomy Specimen Gleason Score: An Iranian Experience](#) 2018
 S Dolatkah, M Mirtalebi, P Daneshpajouhnejad, A Barahimi, H Mazdak, ...
 Urology journal
[Reevaluation of the efficacy of tranexamic acid in reducing blood loss in percutaneous nephrolithotomy: a randomized clinical trial.](#) 2018
 M Mohammadi-Sichani, R Kazemi, K Nouri-Mahdavi, F Gholipour
 Minerva urologica e nefrologica= The Italian journal of urology and nephrology
[The effect of distance learning via SMS on academic achievement and satisfaction of medical students](#) 2018
 MM Sichani, SR Mobarakeh, A Omid
 Journal of education and health promotion 7
[Artificial ureter in patients with extensive ureteral damage](#) 2017
 M Yazdani, A Javid, MM Sichani, MR Gharaati, E Yazdani

- Urology journal 14 (3), 3091-3093
- [A Novel Mutation in SLC7A9 Gene in Cystinuria.](#) 2017
S Fazaeli, S Ashouri, M Kheirollahi, M Mohammadi, M Fazilati, ...
Iranian journal of kidney diseases 11 (2)
- [Comparison of Two Treatment Methods “One Shot” and “Sequential” on Reduction the Level of Hemoglobin in Patients with Percutaneous Nephrolithotripsy in Al Zahra Hospital in ...](#) 2017
MH Khorrami, MH Izadpanahi, M Mohammadi, F Alizadeh, M Zargham, ...
Advanced biomedical research 6
- [The effect of preoperative education on postoperative pain and anxiety in patients undergoing percutaneous nephrolithotomy \(PCNL\)](#) 2017
M MOHAMMADI, SALI EMAMI, F MAHMOUDI, S BAHRANI
JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 35 (426), 428-433
- [Investigation of urinary neutrophil gelatinase associated lipocalin \(NGAL\) for early diagnosis of acute kidney injury after percutaneous nephrolithotomy](#) 2017
M MohamadiSichani, ZT Ghamari
African Journal of Urology 23 (4)
- [Laparoscopic transposition of lower-pole kidney crossing vessels: 5-years follow-up study](#) 2017
SM MOHAMMADI, S SABOUHI, M TUYSSERKANI
JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 35 (420), 128-134
- [Is it Necessary to Perform Nephrostography before Tube Removal after Percutaneous Nephrolithotomy](#) 2017
MM Sichani, M Babaeian, S Haghani, F Alizadeh, H Mazdak, M Hadi, ...
Advanced biomedical research 6
- [Report of SLC3A1/rBAT gene mutations in Iranian cystinuria patients: A direct sequencing study](#) 2017
S Markazi, M Kheirollahi, A Doosti, M Mohammadi
Journal of research in medical sciences: the official journal of Isfahan ...
- [Addition of ceftriaxone and amikacin to a ciprofloxacin plus metronidazole regimen for preventing infectious complications of transrectal ultrasound-guided prostate biopsy: A ...](#) 2017
MH Izadpanahi, K Nouri-Mahdavi, SM Majidi, MH Khorrami, F Alizadeh, ...
Advances in Urology 2017
- [Evaluation of acute kidney injury in early hours after percutaneous nephrolithotomy using serum level of cystatin-C](#) 2016
AH Pezeshki, MM Sichani
Schools, Medical
- [Clinical Investigation of Levisticum officinale \(Lovage\) Effectiveness’ in Patients with Cystinuri](#) 2016
M Mohammadi, E Parvaneh, zahra TolouGhamari
Journal of Urology and Research 3 (6), 1071
- [A novel mutation in SLC3A1 gene in patients with cystinuria](#) 2016
S Markazi, M Kheirollahi, A Doosti, M Mohammadi, L Koulivand
Iranian journal of kidney diseases 10 (1), 44
- [Mutation analysis of SLC3A1 and SLC7A9 genes in patients with cystinuria](#) 2016

B Ezatpour, M Kheirollahi, L Koulivand, M Mohammadi, R Salehi, ...

[Cystinuria in a Patient With a Novel Mutation in SLC7A9 Gene](#)

M Kheirollahi, L Koulivand, M Mohammadi, B Ezatpour 2015
Iranian Journal of Kidney Diseases

[Mutation analysis of SLC3A1 and SLC7A9 genes in patients with cystinuria](#)

L Koulivand, M Mohammadi, B Ezatpour, R Salehi, S Markazi, S Dashti, ... 2015
Urolithiasis 43 (5), 447-453

[Cystinuria in a patient with a novel mutation in SLC7A9 gene](#)

L Koulivand, M Mohammadi, B Ezatpour, M Kheirollahi 2015
Iranian journal of kidney diseases 9 (1), 63-66

[Cystinuria in a patient with a novel mutation in SLC7A9 gene](#)

L Koulivand, M Mohammadi, B Ezatpour, M Kheirollahi 2015
Iranian journal of kidney diseases 9 (1), 63-66

[Cystinuria in a Patient With a Novel Mutation in SLC7A9 Gene](#)

B Ezatpour, L Koulivand, M Mohammadi, M Kheirollahi 2015

[DOES PERCUTANEOUS NEPHROLITHOTOMY IMPAIR RENAL FUNCTION IN THE FIRST DAY AFTER OPERATION?](#)

A PEZESHKI, S SABOUHI, E AMINI, MM SICHANI 2015

[EVALUATION OF RENAL FUNCTION IMMEDIATELY AFTER PCNL USING CYSTATIN C](#)

M Mohammadi 2014
INTERNATIONAL JOURNAL OF UROLOGY 21, A101-A101

[A comparison of bladder neck preservation and bladder neck reconstruction for urinary incontinence after radical retro pubic prostatectomy](#)

MH Izadpanahi, R Honarmand, MH Khorrami, MR Najarzagdegan, ... 2014
Journal of research in medical sciences: the official journal of Isfahan ...

[Percutaneous nephrolithotomy success rate and complications in patients with previous open stone surgery](#)

M Khorrami, M Hadi, MM Sichani, K Nourimahdavi, M Yazdani, F Alizadeh, ... 2014
Urology journal 11 (3), 1557-1562

[DETECTION OF MUTATION IN EXONS 3 AND 8 OF SLC3A1 AND EXONS 4 AND 10 OF SLC7A9 GENES IN PATIENTS AFFECTED BY CYSTINURIA IN IRAN](#)

L KOULIVAND, M MOHAMMADI, R SALEHI, B EZATPOUR, ... 2014
JOURNAL OF ISFAHAN MEDICAL SCHOOL (IUMS) 32 (293), 1-8

[Percutaneous nephrolithotomy: Effect of unilateral procedure on contralateral kidney function](#)

MM Sichani, A Behnamfar, MH Khorami, K Nourimahdavi, F Alizadeh, ... 2014
Advanced biomedical research 3

[Does percutaneous nephrolithotomy cause elevated cardiac troponins?](#)

H Shemirani, R Khanjani, M Mohammadi-Sichani, S Mozafarpour, ... 2014
ARYA atherosclerosis 10 (1), 41

- [Neurologic complications in percutaneous nephrolithotomy](#)
A Basiri, MH Soltani, M Kamranmanesh, A Tabibi, SAM Ziaee, ... 2013
Korean journal of urology 54 (3), 172-176
- [Bladder involvement in thyroid dysfunction](#)
F Alizadeh, M Zargham, K Nouri-Mahdavi, MH Khorrani, MH Izadpanahi, ... 2013
Journal of Research in Medical Sciences 18 (2)
- [IS IT NECESSARY TO PERFORM NEPHROSTOGRAPHY BEFORE TUBE REMOVAL AFTER PERCUTANEOUS NEPHROLITHOTOMY?](#)
MM Sichani, MH Khorrani, F Alizadeh, MR Gharaati, M Hadi, M Babaian 2012
JOURNAL OF ENDOUROLOGY 26, A370-A370
- [Scientific Program for 30th World Congress of Endourology & SWL](#)
A Ötünçtemur, SS Çakır, M Dursun, EC Polat, A Somay, N Özbay, ... 2012
Journal of Endourology 26 (S1), P1-A572
- [Bladder Involvement in Behçetâ€™s Disease](#)
F Alizadeh, MH Khorrani, MH Izadpanahi, K Nouri-Mahdavi, MM Sichani 2012
Urology journal 9 (1), 347-350
- [Renal Solid Mass as a Rare Presentation of Wegener's Granulomatosis: A Case Report](#)
M Mohammadi Sichani, M Hadi, A Talebi, P Khalighinejad 2012
Case reports in urology 2012
- [Impacts of percutaneous nephrolithotomy on the estimated glomerular filtration rate during the first few days after surgery](#)
A Nouralizadeh, MM Sichani, AH Kashi 2011
Urological research 39 (2), 129-133
- [An assessment of serum sodium within 48 h after percutaneous nephrolithotomy with half-strength saline solution](#)
MM Sichani, AH Kashi, S Al-Mousawi, A Tabibi 2010
Urological research 38 (6), 413-416
- [Evaluation of the learning curve for percutaneous nephrolithotomy](#)
SAM Ziaee, MM Sichani, AH Kashi, M Samzadeh 2010
Urology journal 7 (4), 226
- [ULTRASOUND GUIDED ANTEGRADE APPROACH FOR DIAGNOSIS AND REMOVAL OF SUBEPITHELIAL URETERAL STONE IN TRANSPLANTED KIDNEY](#)
A Basiri, MM Sichani 2010
JOURNAL OF ENDOUROLOGY 24, A366-A366
- [Laparoscopic bilateral retroperitoneal lymph node dissection in stage II testis cancer](#)
A Basiri, M Asl-Zare, MM Sichani, H Djaladat 2010
Urology journal 7 (3), 157
- [Ureteroscopic management of symptomatic, simple parapelvic renal cyst](#)
A Basiri, SR Hosseini, VN Tousi, MM Sichani 2010
Journal of endourology 24 (4), 537-540
- [X-ray-free percutaneous nephrolithotomy in supine position with ultrasound guidance](#)
A Basiri, MM Sichani, SR Hosseini, AM Vadjargah, N Shakhssalim, ... 2010
World journal of urology 28 (2), 239-244

- [Prognostic value of insulin-like growth factor-I receptor expression in renal cell carcinoma](#)
MM Sichani, FS Yazdi, NA Moghaddam, A Chehrei, M Kabiri, A Naeimi, ... 2010
Saudi Journal of Kidney Diseases and Transplantation 21 (1), 69
- [Spontaneous resolution of severe hemorrhagic intrarenal pseudoaneurysm after percutaneous nephrolithotomy](#)
A Basiri, VN Toussi, MM Sichani, AA Zadeh 2010
Urology journal 7 (1), 10
- [LAPAROSCOPIC BILATERAL RPLND IN STAGE 2B TESTIS TUMOR](#)
A Basiri, H Djaladat, MM Sichani, MA Zare 2009
JOURNAL OF ENDOUROLOGY 23, A371-A371
- [THE EFFECTS OF HALF-SALINE AS AN IRRIGATION FLUID ON SERUM SODIUM IN PERCUTANEOUS NEPHROLITHOTOMY](#)
A Tabibi, MM Sichani, A Kashi 2009
JOURNAL OF ENDOUROLOGY 23, A46-A46
- [URETEROSCOPIC MANAGEMENT FOR SYMPTOMATIC PARAPELVIC RENAL CYST](#)
A Basiri, S Hosseini, VN Tousi, MM Sichani, MA Zare 2009
JOURNAL OF ENDOUROLOGY 23, A358-A358
- [IMPACT OF PERCUTANEOUS NEPHROLITHOTOMY ON RENAL FUNCTION DURING FIRST FEW DAYS AFTER SURGERY](#)
A Nouraliadeh, MM Sichani, A Kashi, M Kamranmanesh 2009
JOURNAL OF ENDOUROLOGY 23, A117-A117
- [URETEROSCOPIC MANAGEMENT FOR SYMPTOMATIC PARAPELVIC RENAL CYST](#)
S Hosseini, A Basiri, VN Tousi, MM Sichani 2009
JOURNAL OF ENDOUROLOGY 23, A203-A203
- [Supine percutaneous nephrolithotomy, is it really effective? A systematic review of literature](#)
A Basiri, MM Sichani 2009
Urology journal 6 (2), 73-77
- [Supreme percutaneous nephrolithotomy, is it really effective? A systematic review of literature](#)
B Abbas, S Mehrdad Mohammadi 2009
- [Persistent mullerian duct syndrome with an irreducible inguinal hernia](#)
SM Mohammadi, M HEYDARPOUR, A Dadkhah, M Rezvani 2009
UROLOGY JOURNAL 6 (4), 298-300
- [Prognostic value of CD44 in renal cell carcinoma](#)
M Kabiri, MM Sichani, D Taheri, A Chehrei 2006
Journal of Research in Medical Sciences 11 (4), 252-256
- [Antibiotic susceptibility of bacteria isolated from urinary tract infection Mohammadi M1, Mohammadi M2](#)
M Mohammadi, M Mohammadi 2006
Medical Science Journal of Islamic Azad Univesity-Tehran Medical Branch 16 ...
- [Prognostic value of p53 in renal cell carcinoma](#) 2006

PRESENTATIONS AND POSTER SESSIONS

1) Prognostic value of CD44 and P53 in renal cell carcinoma, 9th congress of Iranian urological association, Tehran, Iran, June 6-9.2006

2) Ultrasound guided X-ray free percutaneous approach for lithotripsy of a subepithelial ureteral stone of a transplanted kidney. Abbas Basiri, Mehrdad Mohammadi, 26th World Congress of Endourology, J Endourol 22, Supplement 1, November 2008

3) Ultrasound guided X-ray free percutaneous nephrolithotomy for a semi staghorn renal calculus in supine position.. Abbas Basiri, Mehrdad Mohammadi, 26th World Congress of Endourology, J Endourol 22, Supplement 1, November 2008.

4) URETEROSCOPIC MANAGEMENT FOR SYMPTOMATIC PARAPELVIC RENAL CYST S.

A. Basiri, S. Hosseini, V. Najjaran tousi, M. Mohammadi sichani, M. Asl zare

27th WORLD CONGRESS of ENDOUROLOGY & SWL WCE 2009 October 6–10, 2009
Munich, Germany

5) THE EFFECTS OF HALF-SALINE AS AN IRRIGATION FLUID ON SERUM SODIUM IN PERCUTANEOUS NEPHROLITHOTOMY

A. Tabibi, M. Mohammadi sichani, A. Kashi

27th WORLD CONGRESS of ENDOUROLOGY & SWL WCE 2009 October 6–10, 2009
Munich, Germany

6) X-RAY FREE PERCUTANEOUS NEPHROLITHOTOMY IN SUPINE POSITION WITH ULTRASOUND GUIDANCE

A. Basiri, M. Mohammadi sichani, A. Moradi vadjargah

27th WORLD CONGRESS of ENDOUROLOGY & SWL WCE 2009 October 6–10, 2009
Munich, Germany

7) EVALUATION OF THE LEARNING CURVE FOR PERCUTANEOUS NEPHROLITHOTOMY

S. Ziaee, M. Mohammadi sichani, A. Kashi

27th WORLD CONGRESS of ENDOUROLOGY & SWL WCE 2009 October 6–10, 2009
Munich, Germany

8) LAPAROSCOPIC BILATERAL RPLND IN STAGE 2B TESTIS TUMOR

A. Basiri, H. Djaladat, M. Mohammadi sichani, M. Asl zare

27th WORLD CONGRESS of ENDOUROLOGY & SWL WCE 2009 October 6–10, 2009
Munich, Germany

9) IMPACT OF PERCUTANEOUS NEPHROLITHOTOMY ON RENAL FUNCTION DURING FIRST FEW DAYS AFTER SURGERY

A. Nouraliadeh, M. Mohammadi sichani, A. Kashi, M. Kamranmanesh

27th WORLD CONGRESS of ENDOUROLOGY & SWL WCE 2009 October 6–10, 2009 Munich, Germany

Video presentations:

10) Ultrasound guided X-ray free percutaneous approach for lithotripsy of a subepithelial ureteral stone of a transplanted kidney, December 3, 2008 Shanghai, J Endourol Volume 22, Supplement 1, November 2008

11) Tips and tricks in laparoscopic pyeloplasty: 1st international congress of minimally invasive surgery Shiraz 2009

PATENTS

Date, Item, number

RESEARCH INTERESTS

Reconstructive surgery, Endourology and renal stone, PCNL, Urolaparoscopy

TEACHING INTERESTS

PROFESSIONAL MEMBERSHIPS

EXTRA CURRICULAR ACTIVITIES
