



Personal information:

First name: Alireza

Surname: Aminsharifi

Date of birth: 09/12/1976, 06/21/1355

Nationality: Iranian

Job Title: Associate Professor of Urology, Urologic Oncology, Advanced robotic laparoscopic and endourology

Academic Rank: Associate Professor

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EDUCATION & TRAINING :

Medical School	9/1993-9/2000	Shiraz University of Medical Sciences, School of Medicine- Shiraz- Iran	Doctor of Medicine
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Post Graduate Training

Clinical Fellowship	7/2019- 12//2020	Cleveland Clinic Main Campus- United States	Advanced Robotic and Laparoscopic Surgery Fellowship
Clinical Fellowship	7/2017-6/2019	Duke University Medical Center- United States	Urologic Oncology- (SUO) Fellowship
Clinical Fellowship	9/2005-9/2007	Shahid Beheshti Medical University- Tehran- Iran	Endourology and Urolaparoscopy
Urology Residency	10/2000- 9/2004	Shiraz University of Medical Sciences- Shiraz- Iran	Urology

APPOINTMENTS:

4/2021- Now	Associate Professor of Urology- Department of Urology, Pennsylvania State University, Hershey, PA
1/2021 3/2021	Clinical/ Surgical Associate- Cleveland Clinic, Cleveland, OH
09/2004-06/2017	Associate Professor of Urology-Shiraz Medical School-Shiraz-Iran
10/2011 till now	Section editor- Urology Journal
09/2011 till 07/2017	Dean of Research, Department of Urology, Shiraz Medical School, Shiraz, Iran
10/2010-07/2017	Co-Director Endourology and urolaparoscopy fellowship program at Shiraz University of Medical Sciences, Shiraz-Iran
2009-2017	Board of Directors- Laparoscopy Research Center, Shiraz University of Medical Sciences- Shiraz- Iran
2010-2017	Board of Directors- stem cell and transgenic technology research center, Shiraz University of Medical Sciences- Shiraz- Iran

RESEARCH INTERESTS:

- Artificial intelligence, 3D printing, augmented/virtual reality in urology
- Clinical trials and outcome studies in Kidney, bladder and prostate cancer
- Designing and manufacturing new patents
- Innovative procedures in minimally invasive surgery

Academic Interests

- Advance imaging in Urology
- Robotic and laparoscopic surgery

SCIENTOMETRIC LINKS:

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=55891175200>

(SCOPUS H INDEX) 21

Scholar: H index= 25, <https://scholar.google.com/citations?user=-wf55nQAAAAJ>

Orchid: 55891175200

PUBLICATIONS:

Articles

138. Zargham M, Dehghani M, Gholipour F, Emami M, Daneshvari M, **Aminsharifi A**. Triple-compartment strategy for abdominal sacral colpopexy using PVDF mesh: one-year report of anatomical and subjective outcomes. *Int Urogynecol J*. **2023**. doi: 10.1007/s00192-023-05471-y. Epub ahead of print.

137. Zhang JH, Zeinab MA, Ferguson EL, Beksac AT, Schwen ZR, **Aminsharifi A**, Eltemamy M, Kaouk J. Minimally-Invasive Radical Nephrectomy and Left-Sided Level II Caval Thrombectomy: A New Combined Technique. *Urology*. **2023** Feb; 172:220-223.

- 136. Aminsharifi A**, Hemal S, Aram P, AbouZeinab M, Beksac AT, Kaouk J. The Performance and Optimum Cutoff Value for Pelvic Cavity Index as a Predictor of Early Continence After Extraperitoneal Single-Port Robotic Radical Prostatectomy: Role of Pelvic Anatomical Characteristics. **J Endourol.** **2022** Jul;36(7):927-933.
- 135.** Strausser SA, Owens RG, Vu T, Kwok E, Schaefer EW, Boltz S, **Aminsharifi A**, Kaag M, Raman JD, Merrill SB. Patient Perceptions Regarding Routine Oncologic Follow-Up for Urologic Malignancies. **Clin Genitourin Cancer.** **2022** Jun;20(3):298-298.e11.
- 134.** Kotamarti S, Michael Z, Silver D, Teper E, **Aminsharifi A**, Polascik TJ, Schulman A. Device-related complications during renal cryoablation: insights from the Manufacturer and User Facility Device Experience (MAUDE) database. **Urol Oncol.** **2022** May;40(5):199 .e9-199.e14.
- 133.** Beksac AT, Wilson CA, Lenfant L, Kim S, **Aminsharifi A**, Zeinab MA, Kaouk J. Single-port Mini-Pfannenstiel Robotic Pyeloplasty: Establishing a Non-narcotic Pathway Along With a Same-day Discharge Protocol. **Urology.** **2022 Feb**; 160: 130-5
- 132.** Beksac AT, Eltemamy M, Hemal S, Schwen Z, Lenfant L, Abou Zeinab M, **Aminsharifi A**, Kaouk J. Single Port Donor Nephrectomy Via Modified Pfannenstiel Incision: Initial Preclinical Experience in A Cadaveric Model and Description of Technique. **J Endourol.** **2022 Feb**; 36(2): 183-7
- 131.** Focal Therapy Group Authors. Utilization of focal therapy for patients discontinuing active surveillance of prostate cancer: Recommendations of an international Delphi consensus. **Urol Oncol.** **2021 Nov**;39(11):781.e17-781.e24.
- 130.** Sawczyn G, Lenfant L, **Aminsharifi A**, Kim S, Kaouk J. Predictive factors for opioid-free management after robotic radical prostatectomy: the value of the SP[®] robotic platform. **Minerva Urol Nephrol.** **2021 Oct**;73(5):591-599.
- 129.** Kaouk J, Eltemamy M, **Aminsharifi A**, Schwen Z, Wilson C, Abou Zeinab M, Garisto J, Lenfant L, Wee A. Initial Experience with Single-port Robotic-assisted Kidney Transplantation and Autotransplantation. **Eur Urol.** **2021 Sep**;80(3):366-373.
- 128.** Lenfant L, Sawczyn G, **Aminsharifi A**, Kim S, Wilson CA, Beksac AT, Schwen Z, Kaouk J. Pure Single-site Robot-assisted Radical Prostatectomy Using Single-port Versus Multiport Robotic Radical Prostatectomy: A Single-institution Comparative Study. **Eur Urol Focus.** **2021 Sep**;7(5):964-972.

127. Taha T, Tan WP, Elshafei A, **Aminsharifi A**, Given R, Cher ML, Polascik TJ. Does the type of cryoprobe affect oncological and functional outcomes in men with clinically localized prostate cancer treated with primary whole gland prostate cryoablation? **Curr Urol.** **2021 Jun**;15(2):79-84.

126. Aminsharifi A, Kaouk J. Author Reply : Outpatient Extraperitoneal Single-port Robotic Radical Prostatectomy. **Urology.** **2021 Jun**;152:204.

125. Lenfant L, **Aminsharifi A**, Kim S, Kaouk J. Predictive factors of postoperative complications and hospital readmission after implementation of the single-port robotic platform: A single-center and single-surgeon experience. **Int J Urol.** **2021 May**;28(5):530-537.

124. Lenfant L, Sawczyn G, Kim S, **Aminsharifi A**, Kaouk J. Single-institution Cost Comparison: Single-port Versus Multiport Robotic Prostatectomy. **Eur Urol Focus.** **2021 May**;7(3):532-536.

123. Lenfant L, Kim S, **Aminsharifi A**, Sawczyn G, Kaouk J. Floating docking technique: a simple modification to improve the working space of the instruments during single-port robotic surgery. **World J Urol.** **2021 Apr**;39(4):1299-1305.

122. Lenfant L, Garisto J, Sawczyn G, Wilson CA, **Aminsharifi A**, Kim S, Schwen Z, Bertolo R, Kaouk J. Robot-assisted Radical Prostatectomy Using Single-port Perineal Approach: Technique and Single-surgeon Matched-paired Comparative Outcomes. **Eur Urol.** **2021 Mar**;79(3):384-392.

121. Shah A, Polascik TJ, George DJ, Anderson J, Hyslop T, Ellis AM, Armstrong AJ, Ferrandino M, Preminger GM, Gupta RT, Lee WR, Barrett NJ, Ragsdale J, Mills C, Check DK, **Aminsharifi A**, Schulman A, Sze C, Tsivian E, Tay KJ, Patierno S, Oeffinger KC, Shah K. Implementation and Impact of a Risk-Stratified Prostate Cancer Screening Algorithm as a Clinical Decision Support Tool in a Primary Care Network. **J Gen Intern Med.** **2021 Jan**;36(1):92-99.

120. Aminsharifi A, Wilson CA, Sawczyn G, Kim S, Lenfant L, Kaouk J. Predictors Associated with a Prolonged Hospital Stay After Single-Port Extraperitoneal Robotic Radical Prostatectomy: A Comparative Analysis of Outpatient Versus Inpatient Care. **J Endourol.** **2020**, 34(10):1049-1054

119. Lenfant L, Sawczyn G, Kim S, **Aminsharifi A**. Comparaison des résultats périopératoires de la prostatectomie totale robot-assistée mono-trocart avec le robot SP® et de la prostatectomie totale robot-assistée multi-trocarts. **Prog Urol.** **2020 Nov**;30(13):732. French.

- 118. Aminsharifi A**, Kaouk J. Editorial: The application of 3D-printing, virtual reality and augmented reality in urology. **Urology.** **2020** Sep;143:31-32.
- 117.** Wilson CA, **Aminsharifi A**, Sawczyn G, Garisto JD, Yau R, Eltemamy M, Kim S, Lenfant L, Kaouk J. Outpatient Extraperitoneal Single-Port Robotic Radical Prostatectomy. **Urology.** **2020** Oct; 144:142-146.
- 116.** Shirazi M, Aminsharifi A, Ahmed F, Makarem A, Zahraei SA, Asmaarian N. The impact of post-procedural ureteric stent duration on the outcome of retrograde endopyelotomy for management of failed open pyeloplasty in children: a preliminary report. **Med J Islam Repub Iran.** **2020** ;34:105.
- 115. Aminsharifi A.** *Letter to the Editor RE: EL-Nahas, Editorial Comment on: Predicting the Postoperative Outcome of Percutaneous Nephrolithotomy with Machine Learning System: Software Validation and Comparative Analysis with Guy's Stone Score and the CROES Nomogram by Aminsharifi et al. (J Endourol 2020;34(6):699-700).* **J Endourol.** **2020**;34(6):700-701.
- 114.** Lenfant L, Wilson CA, Sawczyn G, **Aminsharifi A**, Kim S, Kaouk J. Single-Port Robot-Assisted Dismembered Pyeloplasty With Mini-Pfannenstiel or Peri-Umbilical Access: Initial Experience in a Single Center. **Urology.** **2020**;143:147-152.
- 113. Aminsharifi A**, Kaouk J. AUTHOR REPLY. **Urology.** **2020**;140: 84
- 112. Aminsharifi A**, Sawczyn G, Wilson CA, Garisto J, Kaouk J. Technical advancements in robotic prostatectomy: single-port extraperitoneal robotic-assisted radical prostatectomy and single-port transperineal robotic-assisted radical prostatectomy. **Transl Androl Urol.** **2020**;9(2):848-855.
- 111.** Kaouk J, Sawczyn G, Wilson C, **Aminsharifi A**, Fareed K, Garisto J, Lenfant L. Single-Port Percutaneous Transvesical Simple Prostatectomy Using the SP® Robotic System: Initial Clinical Experience. **Urology.****2020** Jul; 141:173-177.
- 110.** Kaouk J, **Aminsharifi A**, Sawczyn G, Kim S, Wilson CA, Garisto J, Fareed K. Single-port robotic urological surgery using Purpose-built Single-port Surgical System: Single-institutional experience with the first 100 cases. **Urology.** **2020** Jun; 140:77-84.
- 109.** Lenfant L, **Aminsharifi A**, Seisen T, Rouprêt M. Current status and future directions of the use of novel immunotherapeutic agents in bladder cancer. **Curr Opin Urol.** **2020** May;30 (3):428-440

- 108. Aminsharifi A**, Silver D, Schulman A. Response to: Babayan, Steinberg, and Miller RE: Aminsharifi et al., Major Complications and Adverse Events Related to the Injection of the SpaceOAR Hydrogel System Before Radiotherapy for Prostate Cancer: Review of the Manufacturer and User Facility Device Experience Database. **J Endourol.** **2020** Feb;34(2):242.
- 107.** Tan WP, ElShafei A, **Aminsharifi A**, Khalifa AO, Polascik TJ. Salvage Focal Cryotherapy Offers Similar Short-term Oncologic Control and Improved Urinary Function Compared With Salvage Whole Gland Cryotherapy for Radiation-resistant or Recurrent Prostate Cancer. **Clin Genitourin Cancer.** **2020** Jun;18(3):e260-e265.
- 106. Aminsharifi A**, Irani D, Tayebi S, Jafari Kafash T, Shabaniyan T, Parsaei H. Predicting the Postoperative Outcome of Percutaneous Nephrolithotomy with Machine Learning System: Software Validation and Comparative Analysis with Guy's Stone Score and the CROES Nomogram. **J Endourol.** **2020** Jun;34(6):692-699.
- 105.** Kaouk J, **Aminsharifi A**, Wilson CA, Sawczyn G, Garisto J, Francavilla S, Abern M, Crivellaro S. Extraperitoneal versus Transperitoneal Single Port Robotic Radical Prostatectomy: A Comparative Analysis of Perioperative Outcomes. **J Urol.** **2020** Jun;203(6):1135-1140
- 104. Aminsharifi A**, Kotamarti S, Silver D, Schulman A. Major Complications and Adverse Events Related to the Injection of the SpaceOAR® Hydrogel System Before Radiotherapy for Prostate Cancer: Review of the Manufacturer and User Facility Device Experience (MAUDE) Database. **J Endourol.** **2019** Oct;33 (10):868-871
- 103. Aminsharifi A**, Polascik TJ. Diagnosis and Management of Local Recurrence After Prostate Focal Therapy: Challenges and Solutions. **Eur Urol Oncol.** **2019** Sep;2(5):539-540
- 102.** Shabaniyan T, Parsaei H, **Aminsharifi A**, Movahedi MM, Jahromi AT, Pouyesh S, Parvin H. An artificial intelligence-based clinical decision support system for large kidney stone treatment. **Australas Phys Eng Sci Med.** **2019** Sep;42(3):771-779
- 101. Aminsharifi A**, Jibara G, Tsivian E, Tsivian M, Elshafei A, Polascik TJ. Salvage Prostate Cryoablation for the Management of Local Recurrence After Primary Cryotherapy: A Retrospective Analysis of Functional and Intermediate-Term Oncological Outcomes Associated With a Second Therapeutic Freeze. **Clin Genitourin Cancer.** **2019** Aug;17(4):e831-e836.
- 100. Aminsharifi A**, Schulman A, Howard LE, Tay KJ, Amling CL, Aronson WJ, Cooperberg MR, Kane CJ, Terris MK, Freedland SJ, Polascik TJ. Influence of African American race on the association between preoperative biopsy grade group and adverse histopathologic features of radical prostatectomy. **Cancer.** **2019**;125(17):3025-3032
- 99. Aminsharifi A**, Simon R, Polascik TJ, Robertson CN, Sudan DL, Collins BH, Moul JW. Evaluation and active treatment versus active surveillance of localized prostate cancer in renal transplant patients in the era of low and very low risk prostate cancer. **J Urol.** **2019** 202(3):469-474
- 98.** Faraji SN, Nejatollahi F, Tamaddon AM, Mohammadi M, **Aminsharifi A**. Generation and characterization of a specific single-chain antibody against DSPP as a prostate cancer biomarker:

Involvement of bioinformatics-based design of novel epitopes. **Int Immunopharmacol.** 2019 Feb; 69: 217-24

97. Gusman M, **Aminsharifi A**, Peacock JG, Anderson SB, Clemenshaw MN, Banks KP. Review of (18)F-Fluciclovine PET for Detection of Recurrent Prostate Cancer. **Radiographics.** 2019 May-Jun;39(3):822-841.

96. **Aminsharifi A**, Gupta RT, Tsivian E, Sekar S, Sze C, Polascik TJ. Reduced Core Targeted (RCT) biopsy: Combining multiparametric magnetic resonance imaging -transrectal ultrasound fusion targeted biopsy with laterally-directed sextant biopsies - An alternative template for prostate fusion biopsy. **Eur J Radiol.** 2019 Jan;110:7-13.

95. Kavosh AM, **Aminsharifi AR**, Keshtkar V, Jafari A, Abdollahifard G. Is screening of Staghorn Stones cost-effective? **Urol J.** 2019 16(4):337-342

94. **Aminsharifi A**, Howard LE, Amling CL, Aronson WJ, Cooperberg MR, Kane CJ, Terris MK, Polascik TJ, Freedland SJ. Statins are Associated With Increased Biochemical Recurrence After Radical Prostatectomy in Diabetic Men but no Association was Seen in Men also Taking Metformin: Results From the SEARCH Database. **Clin Genitourin Cancer.** 2019 Feb; 17(1):e140-e149.

93. **Aminsharifi A**. Minimally Invasive Management of Genitourinary Fistula: Intravesical Versus Extravesical Approach. **Journal of Gynecologic Surgery.**2018 35(2): 127

92. **Aminsharifi A**, de la Rosette J, Polascik TJ. Focal therapy of prostate and kidney cancer. **Curr Opin Urol.** 2018 Nov;28(6):491-492

91: **Aminsharifi A**, Gupta RT, Huang J, Polascik TJ. Three-dimensional localization and targeting of prostate cancer foci with imaging and histopathologic correlation: establishing a multidisciplinary team for quality improvement. **Curr Opin Urol.** 2018 Nov;28(6):506-511.

90: **Aminsharifi A**, Schulman A, Anderson J, Fish L, Oeffinger K, Shah K, Sze C, Tay KJ, Tsivian E, Polascik TJ. Primary care perspective and implementation of a multidisciplinary, institutional prostate cancer screening algorithm embedded in the electronic health record. **Urol Oncol.** 2018 Nov;36(11):502.e1-502.e6.

89: **Aminsharifi A**, Polascik TJ, Tsivian M, Schulman A, Tsivian E, Tay KJ, Elshafei A, Jones JS. Does Any Racial Disparity Exist in Oncologic Outcomes After Primary Cryotherapy for Prostate Cancer? A Matched-pair Comparative Analysis of the Cryo On-Line Data Registry. **Clin Genitourin Cancer.** 2018 Oct;16(5):e1073-e1076.

88: Aminsharifi A, Irani D, Amirzargar H. Shock Wave Lithotripsy is More Effective for Residual Fragments after Percutaneous Nephrolithotomy than for Primary Stones of the Same Size: A Matched Pair Cohort Study. **Curr Urol.** **2018** Oct;12(1):27-32.

87: Modarresi R, **Aminsharifi A**, Foroughinia F. Impact of Spirulina Supplementation on Semen Parameters in Patients with Idiopathic Male Infertility: A Pilot Randomized Trial. **Urol J.** **2018** Jul 23:4122.

86: Aminsharifi A, Polascik TJ, Schulman A, Tay KJ, Jibara G, Sze C, Tsivian E, Elshafei A, Jones JS. Predictors of Rectourethral Fistula Formation After Primary Whole-Gland Cryoablation for Prostate Cancer: Results from the Cryo On-Line Database Registry. **J Endourol.** **2018** Sep 12;32(9):791-796.

85: Aminsharifi A, Polascik TJ. Radical Prostatectomy, External Beam Radiotherapy, or External Beam Radiotherapy with Brachytherapy Boost and Disease Progression and Mortality in Patients with Gleason Score 9-10 Prostate Cancer. **Eur Urol.** **2018** Oct;74(4):526.

84: Homayuonfar A, **Aminsharifi A**, Salehi A, Sahraian A, Dehshari S, Bahrami M. A Randomized Double-blind Placebo-controlled Trial to Assess the Effect of Tamarind seed in Premature Ejaculation. **Adv Biomed Res.** **2018** Apr 24;7: 59.

83. Aminsharifi A, Monsef A, Noorafshan A, Karbalay-Doust S, Jafarinezhad Z, Koohi-Hosseiniabadi O, Molaei A. Effects of Intratesticular Hematoma on Testis Microstructure, Spermatogenesis, and Testosterone Production: Defining a Cutoff Point for Significant Intratesticular Hematoma. **Urology.** **2018** Aug;118:80-86.

82. Aminsharifi A, Howard L, Wu Y, De Hoedt A, Bailey C, Freedland SJ, Polascik TJ. Prostate Specific Antigen Density as a Predictor of Clinically Significant Prostate Cancer When the Prostate Specific Antigen is in the Diagnostic Gray Zone: Defining the Optimum Cutoff Point Stratified by Race and Body Mass Index. **J Urol.** **2018** Oct;200(4):758-766.

81. Aminsharifi A, Brousell SC, Chang A, León J, Inman BA. Heat-targeted drug delivery: A promising approach for organsparing treatment of bladder cancer.THERMODOX®. **Arch Esp Urol.** **2018** May;71(4):447-452.

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79: Aminsharifi A, Polascik TJ. Prevalence and Prognosis of Low-volume, Oligorecurrent, Hormone-sensitive Prostate Cancer Amenable to Lesion Ablative Therapy. **Eur Urol.** **2018** Aug 74 (2): 234-5

78. Aminsharifi A, Molaie A, Monsef A. Laparoscopic In Situ Dismembered Pyeloplasty Can Facilitate Laparoscopic Ureteropelvic Junction Obstruction Repair: A Prospective Cohort Trial. **J Endourol.** **2018** March 32 (3): 218-22

77. Aminsharifi A. Minimally Invasive Management of Concomitant Vesicovaginal and Ureterovaginal Fistulas After Transabdominal Hysterectomy: Laparoscopic Vesicovaginal Fistula Repair With Ureteroneocystostomy Using a Boari Flap. **J Minim Invasive Gynecol.** **2018** Jan;25(1):17-18

76. Aminsharifi A, Irani D, Pooyesh S, Parvin H, Dehghani S, Yousofi K, Fazel E, Zibaie F. Artificial Neural Network System to Predict the Postoperative Outcome of Percutaneous Nephrolithotomy. **J Endourol.** **2017** May;31(5):461-467.

75. Abootalebi M, Kargar M, **Aminsharifi A.** Assessment of the validity and reliability of a questionnaire on knowledge and attitude of general practitioners about andropause. **Aging Male.** **2017** Mar;20(1):60-64.

74. Aminsharifi A, Irani D, Masoumi M, Goshtasbi B, Aminsharifi A, Mohamadian R. The management of large staghorn renal stones by percutaneous versus laparoscopic versus open nephrolithotomy: a comparative analysis of clinical efficacy and functional outcome. **Urolithiasis.** **2016**;44(6):551-557.

73. Aminsharifi A, Salehi A, Noorafshan A, Aminsharifi A, Alnajjar K. Effect of Preoperative Finasteride on the Volume or Length Density of Prostate Vessels, Intraoperative, Postoperative Blood Loss during and after Monopolar Transurethral Resection of Prostate: A Dose Escalation Randomized Clinical Trial Using Stereolog Methods. **Urol J.** **2016** Mar 5;13(1):2562-8.

72. Aminsharifi A. Author Reply. **Urology.** **2016** May;91:97-8.

71. Aminsharifi A, Hekmati P, Noorafshan A, Karbalay-Doost S, Nadimi E, Aryafar A, Hosseinabadi OK, Naseri MM, ZarePoor M. Scrotal Cooling to Protect Against Cisplatin-induced Spermatogenesis Toxicity: Preliminary Outcome of an Experimental Controlled Trial. **Urology.** **2016** May;91:90-8.

70. Pouyanfar N, Monabbati A, **Aminsharifi A**, Dianatpour M. Expression Levels of MMP9 and PIWIL2 in Prostate Cancer: a Case-Control Study. **Clin Lab.** **2016**; 62(4):651-7.

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68. Abootalebi M, Kargar M, Jahanbin I, **Aminsharifi A**, Sharafi Z. Knowledge and Attitude about Andropause Among General Physicians in Shiraz, Iran 2014. **Int J Community Based Nurs Midwifery**. 2016 Jan;4(1):27-35.
67. Shirazi M, Salehipour M, Afrasiabi MA, **Aminsharifi A**. Analgesic Effects and Safety of Desmopressin, Tramadol and Indomethacin in Patients with Acute Renal Colic; A Randomized Clinical Trial. **Bull Emerg Trauma**. 2015 Apr;3(2):41-5.
66. Shirazi M, Mirkhani H, Monabbati A, Moghtadernejad S, **Aminsharifi A**. The effect of pentoxifylline on detrusor muscle contractility after partial urethral obstruction in a rat model. **Int Urol Nephrol**. 2015 Sep;47(9):1493-7.
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63. Oshagh M, Bahramnia F, **Aminsharifi AR**, Fallahzadeh MH, Ghodrati P. Effects of maxillary expansion and placebo effect of appliances on nocturnal enuresis -preliminary results. **Cent European J Urol**. 2014;67(1):51-5.
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61. Shakeri S, Mohammadian R, **Aminsharifi A**, Ariaifar A, Vaghdashti J, Yazdani M, Yadollahi M, Emadmarvasti V, Baharikhoob A. Success rate and patients' satisfaction following intradetrusor dysport injection in patients with detrusor overactivity: a comparative study of idiopathic and neurogenic types of detrusor overactivity. **Urol J**. 2014 Mar 4;11(1):1289-95.
60. **Aminsharifi A**, Haghpanah R, Haghpanah S. Predictors of excessive renal displacement during access in percutaneous nephrolithotomy: a randomized clinical trial. **Urolithiasis**. 2014 Feb;42(1):61-5.
59. **Aminsharifi A**, Afsar F, Shirazi MK. A retrovesical approach for the laparoscopic repair of vesicouterine fistulas. **Int J Gynaecol Obstet**. 2014 Feb;124(2):148-50.

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56. Hosseini MM, Afrasiabi MA, Negahdari E, **Aminsharifi A**, Shakeri S, Tadayon A, Ahmad E, Manaheji F. A novel irrigation system in percutaneous renal surgery. **Urol J.** 2013; 10(2):903-5.
55. **Aminsharifi A**. Author's Response to Mandal et al. **J Endourol.** 2013;27(9):1174-5.
54. **Aminsharifi A**, Mohammadian R, Niroomand R, Afsar F. Optimizing the technique of right laparoscopic adrenalectomy with a modified trocar arrangement and dynamic liver retraction: A comparative study with standard technique. **Int J Surg.** 2013; 11(6):463-6.
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52. **Aminsharifi A**, Hadian P, Boveiri K. Laparoscopic Anatomic Nephrolithotomy for Management of Complete Staghorn Renal Stone: Clinical Efficacy and Intermediate-Term Functional Outcome. **J Endourol.** 2013 May; 27(5): 573-8
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50. **Aminsharifi A**, Goshtasbi B. Laparoscopic simple nephrectomy after previous ipsilateral open versus percutaneous renal surgery. **JLS.** 2012;16(4):592-6.
49. **Aminsharifi A**, Goshtasbi B, Afsar F. Laparoendoscopic single site (LESS) nephrectomy using standard laparoscopic instruments: Our initial experience. **Urol J.** 2012 ;9(4):657-61.

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Book Chapters

10. **Aminsharifi A**, Bertolo R, Hague C, White W, Future perspectives: natural orifice transluminal endoscopic surgery. In: **Bertolo R and Kaouk J (Eds) Single-Port robotic surgery in Urology- The New Beginning After the Advent of Dedicated Platforms, Elsevier 2022, 155-168**
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7. **Aminsharifi A.**, Polascik T.J. (2021) Cryotherapy for Management of Prostate Cancer. In: Rastinehad A.R., Siegel D.N., Wood B.J., McClure T. (eds) *Interventional Urology*. Springer, Cham. https://doi.org/10.1007/978-3-030-73565-4_15

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RESEARCH PROJECTS:

CONFERENCE / POSTER PRESENTATIONS:

THESIS/ DISSERTATION (ADVISOR):

THESIS / DISSERTATION (SUPERVISOR):

TEACHING EXPERIENCE:

4/2021- Now	Associate Professor of Urology- Department of Urology, Pennsylvania State University, Hershey, PA
1/2021 3/2021	Clinical/ Surgical Associate- Cleveland Clinic, Cleveland, OH
09/2004-06/2017	Associate Professor of Urology-Shiraz Medical School-Shiraz-Iran

WORKSHOPS:

HONORS / AWARDS:

2022 Dean's award for excellence in teaching- April 27, 2023

-Outstanding faculty clinical educator in urology- Department of Urology, June 2022

-Documentation Excellence- CDI Department- Hershey Medical Center-2021

-GME Caregiver Appreciation Award- Cleveland Clinic- 2019

-Certificate of Recognition- Awarded by Cleveland Clinic Innovation office- 2019

-First prize- Carolina competition on biomedical engineering patents- Duke University-2019

- Iran health ministry research grant, 2015

- Avicenna Prize- Best young urologist, nationwide, Iranian Urological Association, 2014

- Iranian President Award: 3rd top researcher in the field of surgery, nationwide. 18th national research festival on Medical Sciences, Ministry of Health-2013

- Best young endourologist in Iran, Iranian endourology and Urolaparoscopy Society (IEUS)-2012

- Best young outstanding researcher at Shiraz University of Medical Sciences, 2008

- Best Presentation of the 4th International Congress of IEUS-Nov 2008

- Best Thesis of year 2000-2001 at Shiraz medical university

- Best Thesis of year 2004-2005 at Shiraz medical university

- Best presentation of the 6th Congress of Iranian Urological Association – 2003

GRANSTS:

PATENTS:

A.Laparoscopic intracorporeal detector system for finding a lost needle

Duke University. 2017-2019

B. An endoluminal system for detection of the interface between prostate apex and external sphincter based on tissue impedance and density.

Duke University. 2017-2019

First prize- annual Innovate Carolina Conference- product design and development competition-

Product Development and Management Association (PDMA)

C.Designing and manufacturing scrotal cooling device

Shiraz Medical School. 2015-2017

D.Simultaneous spray/suction device for the extraction of tiny renal stones during percutaneous nephrolithotomy

Certificate of Recognition 2019- Awarded by Cleveland Clinic Innovation office

E. A device for the resection of bladder cuff(the part of the bladder to which the most terminal part of the ureter that is connected) for using in both open and laparoscopic surgeries. 2012-2016

F. Closed kidney cooling system for using in both open and laparoscopic surgeries: 2012-2016

SKILLS & EXPERTISE:

Genitourinary cancer

Minimally Invasive Surgery (Robotic laparoscopic surgery)

Endourology and Stone

Percutaneous kidney surgery

Reconstruction of bladder and ureter

LANGUAGE SKILLS:

English- Proficient

Persian- Native

PROFESSIONAL SOCIETY MEMBERSHIPS:

- Member of American Urological Association (AUA)-2016
- Member of Iranian Urological Association (IUA)- 2004
- Member of Society of Urological Oncology (SUO)- 2017
- Member of World Endourological Society- 2006
- Member of European Urological Association (EAU)- 2004
- Member of Iranian Edourology and Urolaparoscopy Society (IEUS)-2005
- Board of consultants/reviewer : J Urol
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