



## Noah Eliezer Canvasser, M.D.

### Philosophy of Care

Thorough communication is critical to determine optimal, individualized management strategies for each patient. I work to ensure that every patient fully understands his or her medical condition before embarking on various treatments.

In addition, treatment decisions must be taken in the context of each patient's medical, social, and family environment. As such, I balance each patient's condition within their respective situation.

### Clinical Interests

Dr. Canvasser is a fellowship-trained endourologist and minimally invasive surgeon offering care for adults with kidney stone disease, kidney obstruction, kidney cancer, and enlarged prostates/difficulty urinating. He also cares for kids with kidney stone disease. He has a special interest in the medical management and prevention of patients with recurrent kidney stones. His surgical expertise includes complex surgical management for kidney stones, holmium laser enucleation of the prostate (HOLEP) for difficulty urinating, and complex minimally-invasive laparoscopic and robotic surgeries for non-functioning kidneys, kidney obstruction, and kidney cancer.

Along with Dr. Jonathan Moore, the kidney stone and HOLEP program is one of the busiest in Northern California.

#### Surgeries performed:

- Percutaneous nephrolithotomy (PCNL)
- Ureteroscopy
- Shockwave lithotripsy (SWL)
- Holmium laser enucleation of the prostate (HOLEP)
- Laparoscopic nephrectomy
- Robotic partial nephrectomy
- Robotic pyeloplasty
- Single-incision robotic pyeloplasty
- Robotic ureter reimplant
- Single-incision robotic ureter reimplant
- Other complex robotic ureter reconstruction

### Research/Academic Interests

Dr. Canvasser's research focuses on the prevention and management of patients with complex kidney stone disease, as well as improving minimally-invasive surgical management of kidney obstruction, kidney cancer, and enlarged prostates.

### Title

Assistant Professor, Department of Urologic Surgery

### Specialty



## Noah Eliezer Canvasser, M.D.

Endourology, Minimally Invasive Surgery, [Urology](#), Urologic Surgery

**Department** [Urologic Surgery](#)

**Division** Urology

**Clinic** UC Davis Medical Group - Point West

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Physician Referrals: 800-4-UCDAVIS (800-482-3284)

**Education** M.D., UC Irvine College of Medicine, Irvine CA 2010  
B.S., UCLA, Los Angeles CA 2005

**Internships** General Surgery, University of Michigan Medical Center, Ann Arbor MI 2010-2011

**Residency** Urology, University of Michigan Medical Center, Ann Arbor MI 2011-2015

**Fellowships** Endourology/Minimally Invasive Surgery, University of Texas Southwestern Medical Center, Dallas TX 2015-2017

**Board Certifications** American Board of Urology

**Professional Memberships** American Urological Association  
Endourological Society  
Western Section, American Urological Association

**Honors and Awards** Top Doctor, Sacramento Magazine, 2020, 2021

**Select Recent Publications** Tapiero S, Limfuco L, Bechis SK, Sur RL, Penniston KL, Nakada SY, Antonelli JA, Streeper NM, Sivalingam S, Viprakasit DP, Averch TD, Okhunov Z, Patel RM, Chi T, Pais VM, Chew BH, Bird VG, Andonian S, Bhojani N, Canvasser NE, Landman J. The Impact of the Number of Lifetime Stone Events on Quality of Life: Results from the North American Stone Quality of Life Consortium. Urolithiasis. 2021 Aug;49(4). doi:10.1007/s00240-020-01238-y.

Nguyen DD, Luo JW, Lu XH, Bechis SK, Sur RL, Nakada SY, Antonelli JA, Streeper NM, Sivalingam S, Viprakasit DP, Averch TD, Landman J, Chi T, Pais Jr VM, Chew BH, Bird VG,



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Andonian S, Canvasser NE, Harper JD, Penniston KL, Bhojani N. Estimating the Health-Related Quality of Life of Kidney Stone Patients: Initial Results from the Wisconsin Stone Quality of Life Machine Learning Algorithm (WISQOL-MLA). BJU Int. 2020 Nov 18. Epub ahead of print. doi: 10.1111/bju.15300.

Sorokin I, Canvasser N, Johnson B, Lucas E, Cadeddu JA. Irreversible Electroporation for Renal Ablation Does Not Cause Significant Injury to Adjacent Ureter or Bowel in a Porcine Model. J Endourol. 2021 Jun;35(6):873-877. doi:10.1089/end.2020.0856. Epub 2020 Dec 17. PMID: 33198480.

Lim JRZ, Scotland KB, Bechis SK, Sur RL, Nakada SY, Antonelli JA, Streeper NM, Sivalingam S, Viprakasit DP, Averch TD, Landman J, Chi T, Pais VM, Jr, Bird VG, Andonian S, Bhojani N, Canvasser NE, Harper JD, Penniston KL, Chew BH. Metabolic Syndrome Negatively Impacts Stone-Specific Quality of Life. J Endourol. 2020 Nov;34(11):1203-1208. doi:10.1089/end.2020.0247. Epub 2020 Sep 3. PMID:32689819.

Nottingham CU, Large T, Cobb K, Sur RL, Canvasser NE, Stoughton CL, Krambeck AE. Initial Clinical Experience with Swiss LithoClast Trilogry During Percutaneous Nephrolithotomy. J Endourol. 2020 Feb;34(2):151-155. doi:10.1089/end.2019.0561. Epub 2019 Nov 12. PMID: 31588790.

Stern KL, Canvasser N, Borofsky M, Gleason VM, Kamphuis G, El Tayeb MM, Hsi R, Scotland KB. Alkalinizing Agents: A Review of Prescription, Over-the-Counter, and Medical Food Supplements. J Endourol. 2020 Jan;34(1):1-6. doi:10.1089/end.2019.0292. Epub 2019 Sep 25. PMID:31333065.

Fananapazir G, Klimkiv L, Canvasser N, Lamba R, Loehfelm TW, Corwin MT. Radiation Dose Reduction of Unenhanced CT Limited to the Kidneys for Follow-Up of Patients With Known Nephrolithiasis Without Symptoms. AJR Am J Roentgenol. 2019 Jul;213(1):123-126. doi:10.2214/AJR.18.20805. Epub 2019 Apr 11. PMID:30973770.



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Kay FU, Canvasser NE, Xi Y, Pinho DF, Costa DN, Diaz de Leon A, Khatri G, Leyendecker JR, Yokoo T, Lay AH, Kavoussi N, Koseoglu E, Cadeddu JA, Pedrosa I. Diagnostic Performance and Interreader Agreement of a Standardized MR Imaging Approach in the Prediction of Small Renal Mass Histology. *Radiology*. 2018 May;287(2):543-553. doi:10.1148/radiol.2018171557. Epub 2018 Feb 1. PMID:29390196.

Canvasser NE, Lay AH, Koseoglu E, Kavoussi N, Sorokin I, Gahan J, Lucas E, Cadeddu JA. Effect of Differing Parameters on Irreversible Electroporation in a Porcine Model. *J Endourol*. 2018 Apr;32(4):338-343. doi:10.1089/end.2017.0495. Epub 2018 Jan 30. PMID:29287522.

Friedlander JI, Antonelli JA, Canvasser NE, Morgan MSC, Mollengarden D, Best S, Pearle MS. Do Urinary Cystine Parameters Predict Clinical Stone Activity? *J Urol*. 2018 Feb;199(2):495-499. doi: 10.1016/j.juro.2017.09.034. Epub 2017 Sep 12. PMID:28916274.

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