

ROBOTIC SURGERY

leading the way through innovation

Meet Dr. Engel & His Team



Dr. Engel is a pioneer in the area of robotic surgery. He founded the robotic urologic surgery program at George Washington University Hospital and has, to date, performed over 1500 robotic surgeries throughout the urinary tract. He is heavily published and through his outcomes research played a key role in the emergence of robotic surgery's acceptance and now dominance in the field. [View Dr. Engel's Full Bio](#)

Almost as important to the success and quality of a robotic surgical case is the surgical team in the OR. Dr. Engel will be performing your robotic surgery always with the same team of technicians and assistants, with

the key member of that team being Eric T. Strother, CSA/LSA. Eric is a certified surgical assistant who is also considered a pioneer in this field. He has been operating with Dr. Engel since 2005, has over 20 years of surgical experience, and has special expertise in robotic urologic surgeries as well as robotic thoracic surgical procedures. He has assisted on over 2000 robotic surgeries. Eric was the first Certified Surgical Assistant licensed in Washington, D.C., and is past Chairperson of the National Surgical Assistants Association. He currently serves as its mid-Atlantic Regional Ambassador. Eric is widely considered to be one of the most skilled assistants in the country, and is among the best robotic assistants in the world.



Watch Dr. Engel Perform Robotic Surgery

Note: These videos contain graphic images of actual surgery

- [? Robotic Prostatectomy](#)
- [? Left-Sided Robotic Pyeloplasty](#)
- [? Right-Sided Robotic Pyeloplasty](#)
- [? Robotic Partial Nephrectomy](#)
- [? Prostate-Sparing Robotic Cystectomy](#)

[Click here for to see Dr. Engel's entire video library](#)





Dr. Engel In The News

Robotic surgery has been featured on the news and the Urologic Surgeons of Washington have been the focus. The New York Times has quoted Dr. Engel and his research.

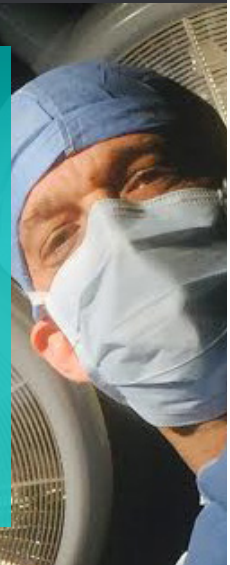
- ? Dr. Engel On Sexual Function After Prostatectomy (New York Times)
- ? Dr. Engel Discusses the Business of Robotic Surgery (New York Times)
- ? Dr. Engel in 2004 discussing how video games improve surgical skill (Fox News)
- ? Live in The Operating Room With Dr. Engel (Fox 5)
- ? Dr. Engel Describes Robotic Prostate Cancer Surgery (WUSA News)

[Click here to see more of Dr. Engel in the media](#)

Dr. Engel's Robotic Surgery Research

- ? "Changes in Penile Length After Robot-Assisted Laparoscopic Radical Prostatectomy": Journal of Endourology,
- ? "Robotic Prostatectomy Proven to Provide Sexual Outcome Benefit": Nature Reviews Urology
- ? "Oncologic Outcome of Robot-Assisted Laparoscopic Prostatectomy in the High Risk Setting": Journal of Endourology
- ? "Renewing Intimacy: Advances in Treating Erectile Dysfunction Post-Prostatectomy": Reviews in Urology
- ? "Management of Post-Prostatectomy Erectile Dysfunction": Canadian Journal of Urology, June 2011
- ? "Early Surgical Complications Following Robotic-Assisted Laparoscopic Radical Prostatectomy: The Initial 1000 Cases Stratified by the Clavien Classification System", February 2012

[View all of Dr. Engel's Research](#)



Laparoscopic & Robotic Surgery

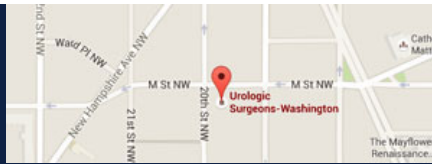
To understand what robotic surgery is, one must learn what laparoscopic surgery is. Laparoscopy literally means "scope in abdomen", which is an integral part of the procedure. The abdominal cavity is filled with air, which allows a camera and several instruments to be inserted into the abdomen through tiny incisions. Surgery is performed with the hands generally outside the body, on a television monitor, often with more precision and certainly less blood loss than open surgery. The major advantage is drastically reduced recovery time, both in the hospital and away from work... [Learn More](#)

Robotic Prostatectomy FAQs

- ? Why is a robotic prostatectomy better than open or laparoscopic?
- ? Are there any disadvantages to robotic prostatectomy?
- ? What can I expect before and after robotic prostatectomy?
- ? What about impotence and incontinence?

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