



<https://Physicians.TheMedicalCenter.org>

Test Drive Robotic Technology

Get behind the controls of the da Vinci® Surgical System

Open House

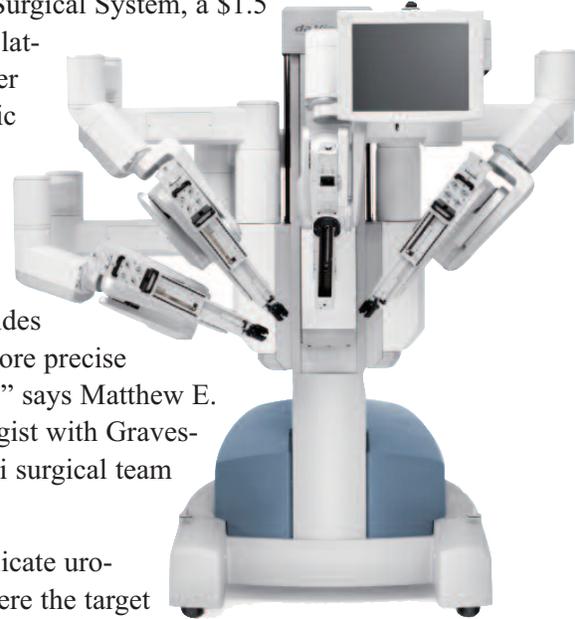
**Tuesday, September 15
8:30 a.m. – Noon**

**The Medical Center
Auditorium**

Stop by the Auditorium and learn more about minimally invasive surgery using da Vinci. Experience the precision, vision and control the da Vinci system offers a surgeon. Take a seat at the controls and test drive the da Vinci for yourself. Meet Dr. Matthew Rutter and learn more about this newest treatment option.

da Vinci® Surgical System Now Available at The Medical Center

The Medical Center now offers robotic minimally invasive surgery for patients with prostate cancer. The da Vinci® Surgical System, a \$1.5 million investment, incorporates the latest advances in robotics and computer technology and is being used urologic surgery including prostatectomy. In the near future, The Medical Center will use da Vinci for gynecologic surgery including hysterectomies.



“The da Vinci Surgical System provides surgeons with increased visibility, more precise control and a wider range of motion,” says Matthew E. Rutter, M.D., a board certified urologist with Graves-Gilbert Clinic who leads the da Vinci surgical team at The Medical Center.

“The da Vinci system is ideal for delicate urologic surgery like prostatectomy, where the target site is not only tightly confined but also surrounded by nerves affecting urinary control and sexual function,” said Dr. Rutter. Nerve fibers and blood vessels are attached to the prostate gland. To spare these nerves, surgeons use the precision, vision and control provided by da Vinci to delicately and precisely separate them from the prostate before its removal.

Benefits to the Patient

Patients may experience the following benefits over conventional open surgery:

- reduced trauma to the body
- reduced blood loss and need for transfusions
- less post-operative pain and discomfort
- less risk of infection
- shorter hospital stay
- faster recovery and return to normal daily activities
- less scarring

Studies indicate that da Vinci prostatectomy may offer improved cancer control and a faster return to urinary continence and sexual function.



**Commonwealth Health Corporation
Bowling Green, Kentucky
PROFESSIONAL RELATIONS OFFICE
Scott Stivers, Director
(270) 745-1531**

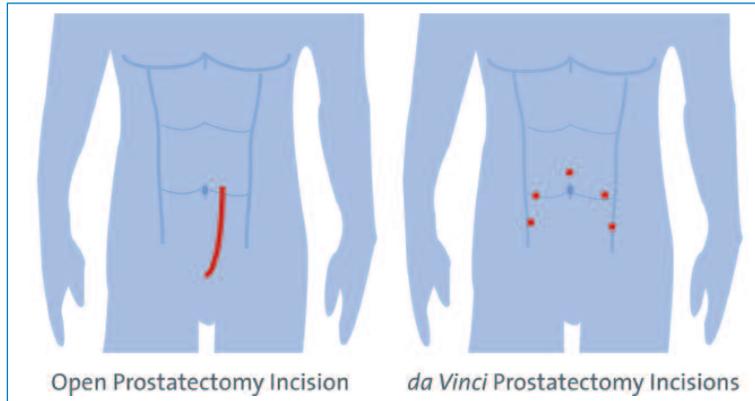
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da Vinci Surgery vs. Traditional Surgical Approaches to Prostate Cancer

Complications	da Vinci Surgery	Open Surgery	Laparoscopic Surgery
Length of Hospital Stay	1.2 days	3 days	2.5 days
Major	1.7%	6.7%	3.7%
Minor	3.7%	12.6%	14.6%

**Statistics provided by Intuitive Surgical*



How It Works

During a robotic procedure, the surgeon makes dime-size incisions in the patient's abdomen and inserts a robotic arm through each opening. One arm holds a high resolution camera and the other three arms hold micro instruments. The surgeon then sits at a console a few feet from the patient. Using a binocular-like viewfinder, the surgeon views a magnified 3D image of the surgical site. The surgeon places his fingers in the controls, and his hand movements are translated into pre-

cise micro-movements of the instruments. The instruments can move 360 degrees — providing even better range of motion than the human wrist — making it much easier to access and maneuver in smaller, more intricate areas.



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Experienced da Vinci surgeon joins The Medical Center



Matthew E. Rutter, M.D., a board certified urologist with Graves-Gilbert Clinic, leads the da Vinci surgical team at The Medical Center. Dr. Rutter earned his medical degree at the Medical College of Ohio in Toledo and completed his residency in urology at the University of Oklahoma. Dr. Rutter relocated to Bowling Green after serving as Director of Laparoscopy and Minimally Invasive Urology at the University of Toledo Medical Center and as Assistant Professor in the Department of Urology at the University of Toledo College of Medicine.

Since 2007, Dr. Rutter has performed over 200 robotic surgeries with the da Vinci® Surgical System. To learn more about da Vinci, call Dr. Rutter at (270) 783-3343 or visit www.TheMedicalCenter.org/daVinci.