

Changing Women's Surgery

da Vinci Technology Improves GYN/Oncology Procedures

Crouse Hospital has started a robotic surgery program that will, initially, focus on the minimally invasive surgical needs of women with cancerous and pre-cancerous gynecologic conditions.

The centerpiece of the program is the state-of-the-art da Vinci surgical system, the latest robotic technology available today.

Board-certified gynecologic oncology surgeons Douglas Bunn, MD, and Mary Cunningham, MD, are co-leading the new program at Crouse and will

focus on GYN procedures that traditionally have been done via open or laparoscopic surgery, including hysterectomy, removal of lymph nodes and other procedures related to the uterus, cervix and ovaries. Both have been using the da Vinci technology since 2006.

“The da Vinci technology we now use at Crouse can greatly improve outcomes for our patients.”

—MARY CUNNINGHAM, MD

While traditional laparoscopy provides only a two-dimensional view, the da Vinci console allows the surgeon to view a 3D image of the surgical field with ten times magnification. The surgeon grasps the master controls below the display, and the system seamlessly translates the surgeon's hand, wrist and finger movements into precise, real-time movements of surgical instruments inside the patient.

Many surgical procedures performed today using standard laparoscopic technique may be performed more precisely and easily using the da Vinci system. This is because the improved depth perception and wrist action allow the same “look and feel” of open surgery through the laparoscope.

By enhancing surgical techniques, the system helps improve clinical outcomes and redefine standards of care. Patients may experience the following benefits: reduced trauma to the body, reduced blood loss and need for transfusions, less post-operative pain and discomfort, less scarring, shorter hospital stay and faster return to normal daily activities.



Crouse Hospital has been a leader in women's healthcare for more than a century. In fact, more women's surgical procedures — inpatient and outpatient — are performed at Crouse than at any other hospital in Central New York.



Crouse Hospital board-certified gynecologic oncologists Douglas Bunn, MD, and Mary Cunningham, MD, are using the latest minimally invasive technology to treat pre-invasive and invasive gyn cancers.

For more information visit crouse.org/daVinci.