Facing a Hysterectomy?

If you’ve been diagnosed with early stage gynecologic cancer, learn about minimally invasive da Vinci Surgery.
The Condition: 
Early Stage Gynecologic Cancer

A variety of gynecologic cancers can affect your reproductive system, which consists of the uterus, vagina, ovaries and fallopian tubes. The uterus is a hollow, muscular organ and the fallopian tubes and ovaries are located on each side of the uterus.

Gynecologic cancer is any cancer that starts in one of your reproductive organs. The most common types are: cervical, endometrial (uterine) and ovarian cancer.

Each gynecologic cancer is unique and has different signs, symptoms and risk factors. It is important to get regular gynecologic exams since treatment is more effective when cancer is found early.

If you are facing gynecologic cancer, your doctor will recommend the best treatment plan for you based on the location and stage of the cancer.
If you have a gynecologic cancer - such as cancer of the uterus or cervix - your doctor may recommend a hysterectomy (removal of your uterus). Hysterectomy is a common procedure. An estimated one third of all U.S. women have a hysterectomy by age 60. While this figure is lower in many other countries, it is still a common procedure worldwide. The type of hysterectomy you have will depend upon your medical history and health, as well as the location and stage of the cancer.

A hysterectomy may be performed with open abdominal surgery using a long vertical incision (from the pubic bone to just above the navel). The incision must be large enough for your surgeon to fit his or her hands and instruments inside your body. Open surgery allows doctors to see and touch your organs as they operate.
A hysterectomy can also be performed using minimally invasive laparoscopic surgery. This means your surgeon operates through a few small incisions in your abdomen using long-handled instruments and a tiny camera. The camera sends images to a video monitor in the operating room to guide your surgeon during the procedure.

There is another minimally invasive surgical option for women planning to have a hysterectomy: da Vinci® Surgery.
**da Vinci Surgery:**
A Minimally Invasive Surgical Option

Using the *da Vinci* System, your surgeon makes a few small incisions - similar to traditional laparoscopy. The *da Vinci* System features a magnified 3D HD vision system and tiny instruments that rotate far greater than the human wrist. These features enable your surgeon to operate with enhanced vision, precision, dexterity and control.

As a result of *da Vinci* technology, *da Vinci* Hysterectomy offers the following potential benefits compared to traditional open surgery:

- More precise removal of cancerous tissue (at two year follow-up)\(^3\)
- Fewer complications\(^3,4,5,6,7,8,9\)
- Less blood loss\(^3,4,5,6,7,8,9,10\)
- Less pain\(^9,11\)
- Shorter hospital stay (one day in many cases)\(^3,4,5,6,7,9,10\)
- Quicker recovery\(^8\)
- Small incisions for minimal scarring

As a result of *da Vinci* technology, *da Vinci* Hysterectomy offers the following potential benefits compared to traditional laparoscopy:

- Similar/fewer complications,\(^8\) including major complications\(^12,13\)
- Fewer conversions to open surgery\(^10,12,14\)
- Less blood loss\(^5,7,12\)
- Less need for narcotic pain medicine\(^15\)
- Shorter hospital stay\(^7,10,12\)
- Quicker recovery\(^8\)
Risks & Considerations Related to Hysterectomy & da Vinci Surgery:
Potential risks of any hysterectomy procedure include:
• Separation of the vaginal incision
• Blocked lung artery
• Urinary tract injury

Important Information for Patients:
All surgery presents risk, including da Vinci Surgery. Results, including cosmetic results, may vary. Serious complications may occur in any surgery, up to and including death. Examples of serious and life-threatening complications, which may require hospitalization, include injury to tissues or organs; bleeding; infection, and internal scarring that can cause long-lasting dysfunction or pain. Temporary pain or nerve injury has been linked to the inverted position often used during abdominal and pelvic surgery. Patients should understand that risks of surgery include potential for human error and potential for equipment failure. Risks specific to minimally invasive surgery may include: a longer operative time; the need to convert the procedure to other surgical techniques; the need for additional or larger incision sites; a longer operation or longer time under anesthesia than your surgeon originally predicts. Converting the procedure to open could mean a longer operative time, long time under anesthesia, and could lead to increased complications. Research suggests that there may be an increased risk of incision-site hernia with single-incision surgery. Patients who bleed easily, have abnormal blood clotting, are pregnant or morbidly obese are typically not candidates for minimally invasive surgery, including da Vinci Surgery. Other surgical approaches are available. Patients should review the risks associated with all surgical approaches. They should talk to their doctors about their surgical experience and to decide if da Vinci is right for them. For more complete information on surgical risks, safety and indications for use, please refer to http://www.davincisurgery.com/safety.
Your doctor is one of a growing number of surgeons worldwide offering da Vinci Surgery.

For more information about da Vinci Hysterectomy and to find a da Vinci surgeon near you, visit: www.daVinciHysterectomy.com
The Enabling Technology: da Vinci Surgical System

The da Vinci Surgical System is designed to provide surgeons with enhanced capabilities, including high-definition 3D vision and a magnified view. Your doctor controls the da Vinci System, which translates his or her hand movements into smaller, more precise movements of tiny instruments inside your body.

Though it is often called a “robot,” da Vinci cannot act on its own. Surgery is performed entirely by your doctor. Together, da Vinci technology allows your doctor to perform routine and complex procedures through just a few small openings, similar to traditional laparoscopy.

The da Vinci System has been used successfully worldwide in approximately 1.5 million various surgical procedures to date. da Vinci - changing the experience of surgery for people around the world.