

Advantages of Robotic Surgery for Women

The da Vinci® Surgical System

If you or a loved one has been diagnosed with a condition that may require surgery, you owe it to yourself to learn about all of your medical options, including the most effective, least invasive surgical treatments available.

The da Vinci® Surgical System provides surgeons with an alternative to both traditional open surgery and conventional laparoscopy, putting a surgeon's hands at the controls of a state-of-the-art robotic platform. The da Vinci System enables surgeons to perform even the most complex and delicate procedures through very small incisions with unmatched precision.

For the patient, benefits may include:

- Significantly less pain
- Less blood loss
- Less scarring
- Shorter recovery time
- A faster return to normal daily activities
- And in many cases, better clinical outcomes

da Vinci Hysterectomy

Traditional open gynecologic surgery, using a large incision for access to the uterus and surrounding anatomy, has for many years been the standard approach to many gynecologic procedures. Yet with open surgery can come significant pain, trauma, a long recovery process and threat to surrounding organs and nerves.

For complex hysterectomies and other gynecologic procedures, robot-assisted surgery with the da Vinci Surgical System may be the most effective, least invasive treatment option. Through tiny, 1-2 cm incisions, surgeons using the da Vinci System can operate with greater precision and control, minimizing the pain and risk associated with large incisions while increasing the likelihood of a fast recovery and excellent clinical outcomes.

Minimally Invasive Hysterectomy using the da Vinci® Surgical HD Surgical System

- 1 in 3 women in the United States will have a hysterectomy before turning 60
- Hysterectomies are required or recommended when medical therapy have failed to control pelvic pain, uterine bleeding, ovarian cysts or endometriosis
- Reasons for hysterectomy have not changed, but the mode of the hysterectomy has: this is “not your mother’s hysterectomy”
- Surpassing the limits of conventional laparoscopic surgery, da Vinci® is revolutionizing gynecologic surgery for women

da Vinci® Myomectomy

- Enables surgeons to perform sophisticated uterine closure necessary for an anatomically functional uterus
- A functional uterus will hold together versus tear open during a pregnancy
- da Vinci® Myomectomy combines the advantage of minimally invasive surgery and a strong uterine closure

Common Reasons for Hysterectomy

Uterine Fibroids : Facts

Occurring in 20-40% of women 35 years of age or older

African-American women are at a higher risk: as many as 50% have fibroids of significant size

Symptoms

- Heavy menstrual bleeding
- Pelvic pressure or pain
- Bladder or rectal problems
- Infertility

Treatment

- Oral contraceptive pills
- NSAIDs
- Lupron Therapy

Surgical Treatment

- Hysterectomy
- Myomectomy
- Uterine artery embolization

Endometriosis: Facts

Occurs when endometrial tissue implants outside the uterus – in the bowel, ovaries, fallopian tubes, bladder, vagina and rectum.

Affects as many as 5.5 million women in North America

Symptoms

- Pain just before and during periods
- Chronic pelvic pain
- Irregular vaginal bleeding
- Infertility

Treatment

- Oral contraceptive pills
- NSAIDs
- Lupron
- Surgical resection

Ovarian Cysts: Facts

Many women have ovarian cysts at some time during their lives

Most are functional in nature and resolve with minimal treatment

Symptoms

- A sudden onset of abdominal pain may suggest rupture
- Strenuous activities, such as exercise or sexual intercourse may proceed torsion or rupture
- Nausea or vomiting
- Vaginal spotting and irregular menses may occur from decreased estrogen levels and hormonal imbalances

Treatment

- Persistent or complex ovarian cysts usually require surgical intervention to protect against torsion or rupture
- Oral contraceptives may be prescribed to help establish normal cycles

The Three Critical Advantages of da Vinci® Surgery

Gentle on the mind and body

- Reduced blood loss
- Reduces 2-3% percent surgery infection rate to nearly zero
- Significantly less pain post surgery

Speedy Recovery

- Recovery time of an open surgery vs. robotic surgery is dramatically reduced
- 23-hour hospital stay vs. 4 to 7 days
- A woman is the family nucleus – speedier return to life

Cosmetics

- How we look does have an effect on how we feel
- Small port sites decrease scarring, both internally and externally
- Open surgery includes surgical scars from hip-to-hip
- Obese patients typically require incisions from pubic bone to base of chest bone
- Three to five 1 – 2 cm incisions vs. a single 10 – 12 inch scar.

Gynecologic surgery is typically covered by insurance, but check with your insurance carrier or physician to confirm your specific benefits

The da Vinci® S HD Surgical System provides both 3-D imaging and 5-time magnification.

For more information call 321.8HEALTH (321.843.2584)

To schedule an appointment contact Dr. Jessica Vaught at 321.841.8490



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