



## Minimally Invasive Approach using daVinci Robotic System®

A minimally invasive approach to surgery has been around for about three decades utilizing laparoscopic techniques. These techniques are performed through a telescopic surgery called laparoscopy. Patients recover in less time and return to normal active lifestyles.

Recently, the daVinci® robotic surgical system has come into place for gynecologic surgery. This system allows advanced surgeries through small, dime-size surgical incisions. There are advantages over the classic laparoscopy due to the unique set-up of the daVinci®. The robot actually holds the surgical instruments that are placed in the body. The surgeon sits comfortably at the surgical console alongside the patient, and uses the instruments at the console to guide the robot for the surgical procedure.

The surgical instruments are under the precise fingertip control of the surgeon's hands, yet the instability of the human hand, and the fatigue from standing are not present. The advantages of the daVinci® system include:

- Superior 3-D visualization by three-channel vision system, high-resolution 3-D image, and a more panoramic view of the entire surgical field
- Four robotic arms enhance the operator's dexterity, precision, and control

This robotic procedure is useful in the field of gynecology for hysterectomies especially for benign fibroid tumors of the uterus, gynecologic cancers, endometriosis, and pelvic prolapse surgery. With this advanced technology, women are able to have surgery in the most minimally invasive way.

Other advantages and benefits of this type of surgery include:

- Less patient operative blood loss
- Reduced tissue trauma
- More precise dissection resulting in less post-operative pain
- Patients are able to return to their daily routines in a timelier manner; some patients return in two weeks instead of the usual six weeks.

Bedford Commons OB-GYN has a number of surgeons certified in the daVinci® robotic system. Call our office at 603-668-4646 to set up an appointment to discuss this option.

For additional information about the daVinci®, visit [www.davincisurgery.com](http://www.davincisurgery.com).