Robotically Assisted Laparoscopic Excision and Endometriosis

Medical Background

Patient was a 28-year-old woman who had suffered from excruciating periods since age 12. Over time, in addition to her painfully heavy menstrual periods, she developed constant and at times debilitating pelvic pain that was only partially relieved by birth control pills. Sexual intercourse became unbearable and after a year of unsuccessful attempts to conceive she had undergone a laparoscopy by her OB/GYN. She was ultimately diagnosed with “frozen pelvis,” the most advanced stage of endometriosis in which the condition spreads throughout the pelvis and causes all pelvic organs (uterus, ovaries, tubes, rectum, bladder, ureters and bowels) to adhere to each other.

The OB/GYN chose not to attempt surgical excision on such challenging anatomy and placed the patient on a 6 month series of Lupron injections. Although there was improvement in endometriosis related symptoms, the side effects of the treatment included hot flushes, night sweats and mood swings.

Patient Results and Benefits of Minimally Invasive Robotically Assisted Laparoscopic Excision and Endometriosis

Not wanting to continue with Lupron, the patient turned to Atlanta Minimally Invasive Gynecological Surgical Center (AMIGS) where she opted for a Robotically Assisted Laparoscopic Excision and Endometriosis. The successful procedure resulted in complete removal of all visible endometriosis and restoration of the pelvic cavity. Patient returned home the same day and was able to resume her normal activities in 2 weeks. Three months later, the patient was pregnant.

About AMIGS Surgery

Founded in 2002, Atlanta Minimally Invasive Gynecological Surgery Center provides patients with a clinic where compassionate, human interaction runs in tandem with the forefront of medical technology. Prospective patients will be pleased to learn that by using the da Vinci Surgical System, Dr. Mordel is able to make laparoscopic excision and endometriosis an outpatient procedure.

Additionally, a Robotically Assisted Laparoscopic Excision and Endometriosis greatly reduces recovery time from 6-8 weeks to as little as 2-3 weeks with minimal scarring.

About Dr. Nathan Mordel

A graduate of Hadassah Hebrew University Medical School in Jerusalem, Israel, Dr. Mordel completed a residency in Gynecology and Obstetrics and a fellowship in Gynecology and Obstetrics at Emory University Hospital in Atlanta.

Having practiced in the state of Georgia since 1998, Dr. Mordel specializes in advanced Robotic, Laparoscopic and Pelvic surgery, including surgeries for fibroids, endometriosis, heavy and/or painful menstrual periods, pelvic organ prolapse and urinary incontinence. He has performed more than 1500 Robotic and Laparoscopic Hysterectomies and Myomectomies with no bowel or ureteral injuries, 1000 Tension Free Vaginal Tape Placement procedures, and more than 500 Robotic and Laparoscopic Sacrocolpopexy and Sacrocolpocervicopexy procedures.

What is Robotically Assisted Laparoscopic Excision and Endometriosis?

Robotically Assisted Laparoscopic Excision and Endometriosis (RALEE) is part of the rapidly growing field of Robotic surgery. RALEE increases the precision of the doctor’s abilities while decreasing the strain on the patient through the use of the da Vinci Surgical System, a minimally invasive robotic instrument. By giving the surgeon enhanced ergonomics and a three dimensional view of the surgical field, the da Vinci Surgical System provides the surgeon with a dramatically expanded perspective in which to employ superior control over instruments that naturally mimic the minute movements of the hand.

DaVinci Robotic Surgery Benefits

- Minimally invasive robotic surgery
- Minimal scarring
- Bloodless procedures
- Faster recovery times
- Outpatient surgery
- Ergonomically designed to improve surgical mobility
- Low risk of wound infection

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