Robotically Assisted Laparoscopic Myomectomy

Medical Background

BS was a 38-year-old patient with lower abdominal and pelvic pain, pressure on her bladder and bowels, and heavy menstrual periods. She had been aware of numerous fibroids starting at age 25 and had tried unsuccessfully to conceive since age 26. Her symptoms persisted despite the traditional methods attempted by her OB/GYNs.

At age 28, BS had undergone an abdominal myomectomy (AM) which required a transfusion, left her with a 10 inch scar and culminated in a 3 day hospital stay and 8 week home recovery period. Her symptoms abated only to return five years later, resulting in the same diagnosis. At age 36, BS had undergone a uterine fibroid embolization (UFE). Despite it being an outpatient procedure she was admitted several days later for pain management and infection of embolized fibroids which resulted in a week long hospital stay. Although the pain was treated the symptoms themselves did not improve.

BS still hoped to conceive and so a hysterectomy was out of the question. Furthermore, she wanted to avoid the severe pain, hospitalization and blood transfusion associated with another AM or UFE. After examination at AMIGS Surgery Center she was diagnosed with an “18 week” size fibroid uterus. After a pelvic MRI demonstrated several fibroids, BS underwent a Robotically Assisted Laparoscopic Myomectomy.

Patient Results and Benefits of Minimally Invasive Robotically Assisted Laparoscopic Myomectomy

The procedure involved 5 tiny incisions ranging from ¼ to ½ inches and ultimately removed 6 fibroids that ranged from 2 to 5 inches in diameter and weighed 660 grams (1.5 pounds) total. Following the successful surgery, BS returned home the same day and within 3 weeks had resumed her normal routine with a regular quality of life, standard menstrual periods and no abdominopelvic pressure or discomfort.

About AMIGS Surgery

Founded in 2002, Atlanta Minimally Invasive Gynecological Surgery Center (AMIGS 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 the myomectomy an outpatient procedure. Additionally, a Robotically Assisted Laparoscopic Myomectomy reduces recovery time considerably, with most patients returning home the same day.

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 advanced pelvic surgery 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 Myomectomy?

Robotically Assisted Laparoscopic Myomectomy (RALM) is part of the rapidly growing field of Robotically Assisted surgery. RALM increases the precision of the doctor’s abilities while decreasing the strain on the patient through the innovative 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.

AMIGS performs 75-100 RALMs a year. Out of the 5-10 physicians in Metro Atlanta who perform RALM, Dr. Mordel is the only one operating on the largest and most challenging fibroids and uteri.

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