

The Hamptons Center for Minimally Invasive Surgery

(631) 726-8299 Surgeon referral

(631) 726-8282 Scheduling

Southampton Hospital's skilled surgeons are experts in numerous surgical specialties including: Breast, Gynecologic, Ophthalmology, Orthopedic, Otolaryngology, Plastic surgery, Podiatry, General surgery, Bariatric surgery, Urology, and Angioplasty. Many procedures are minimally invasive and performed on an outpatient basis.

Orthopedic Surgery

Our orthopedic surgeons diagnose and treat many types of bone and joint problems using minimally invasive techniques, often using an arthroscope, a thin tool designed for viewing and treating problems inside a joint. Special tools inserted through tiny incisions, allow the surgeon to shave, cut, or remove tissue or bone that is causing a problem.

General Surgery

Primarily using laparoscopy, surgeons perform many abdominal procedures for appendicitis, colon cancer, gastroesophageal reflux disease (GERD), and hernias. Trauma to the body often caused by traditional surgery on internal organs is minimized.

Breast Diagnosis and Surgery

Our surgeons and radiologists use the latest in minimally invasive diagnostic equipment, such as stereotactic biopsy, MRI-guided biopsy, ultrasound, and fine-needle aspiration. Surgical options include excisional biopsy, lumpectomy, sentinel node biopsy, mastectomy, prophylactic mastectomy, and reconstruction surgery.

Gynecologic Surgery

The majority of procedures for abnormal uterine bleeding, pelvic pain, uterine fibroids, and endometriosis use laparoscopy and/or hysteroscopy, safer and more effective alternatives to traditional open surgery.

Ophthalmology

Our eye surgery team provides the most advanced care for eye and vision problems including the latest in cataract surgery, glaucoma surgery, corneal transplantation, extensive ocular plastic surgery for tumors, diseases of the eyelid, and post-Mohs surgery (also known as chemosurgery) repair.

Otolaryngology

Fiber-optic, endoscopic surgical microscopes and lasers enable our surgeons to repair ear, nose, and throat problems, eliminating the need for a skin incision and without damaging the patient's appearance.

Podiatry

Podiatric procedures are generally performed in ambulatory surgery centers and most minimally invasive techniques do not require the use of pins, screws, wires, casts, or crutches. Patients may walk in, have surgery performed, and walk out.

Bariatric Surgery

A number of weight loss surgical options, including lapband and gastric bypass, are performed using minimally invasive technology. Our surgeons determine the procedure that will be best for you.

Urology

Laparoscopic instruments allow our surgeons greater internal access for procedures that are effective and the least invasive in treating a large range of conditions: kidney malformations and disorders, benign prostate enlargement, bladder disorders, women's and children's urologic problems, urinary stone disease, reconstructive surgery, male and female sexual dysfunction, and male infertility.

Angioplasty

This procedure improves blood flow in the body's arteries and veins. Imaging techniques are used to guide a balloon-tipped catheter into an artery or vein, advancing it to a narrow or blocked area. The balloon is inflated to open the vessel, then deflated and removed, sometimes leaving a stent in place. Compared to bypass surgery, balloon angioplasty and stent placement are much less invasive and relatively low-risk. Most often performed using local anesthesia with no surgical incision, and patients are able to return to normal activities shortly after the procedure.

Plastic Surgery

Our plastic surgeons use minimally invasive techniques in performing brow lifts, face lifts, and liposuction. Fiberoptic endoscopes, surgical microscopes, and lasers enable surgeons to perform some head and neck procedures without a skin incision — through the ear, nose, or mouth. Depending on the procedure, minimally invasive plastic surgery is done using no anesthesia, local anesthesia, or general anesthesia.