

From Northern New Jersey:

Take the Garden State Parkway South to Exit 82A (Route 37 West). Take the first jug handle to Hospital Drive. Cross the highway and the medical center will be on your left. Proceed one block to the main entrance. The visitor's parking garage will be on your right after turning into the hospital entrance.

From Southern New Jersey:

Take the Garden State Parkway North to Exit 82A (Route 37 West). Take the first jug handle to Hospital Drive. Cross the highway and the medical center will be on your left. Proceed one block to the main entrance. The visitor's parking garage will be on your right after turning into the hospital entrance.

From Betsy Ross/Tacony Palmyra Bridge:

(From Betsy Ross: Take Route 90 to Route 73 South, then follow directions below.) Take Route 73 South to Route 70. Take Route 70 East for approximately 37 miles to Route 37 East. Continue on Route 37 East for approximately 7 miles. Make a right onto Hospital Drive. Proceed one block to main entrance. The visitor's parking garage will be on your right after turning into the hospital entrance.

From Philadelphia International Airport/Walt Whitman Bridge:

Take Route 95 North to the Walt Whitman Bridge exit. Take the second right for 295 North to Route 70 East. Take Route 70 East for approximately 40 miles to Route 37 East. Continue on Route 37 East for approximately 7 miles. Make a right onto Hospital Drive. Proceed one block to main entrance. The visitor's parking garage will be on your right after turning into the hospital entrance.

Community Medical Center
 99 Highway 37 West
 Toms River, NJ 08755
 732.557.8000
www.saintbarnabas.com

Community Medical Center
Robotic Surgery



precision • control • breakthrough • results

**COMMUNITY
 MEDICAL CENTER**
An affiliate of the Saint Barnabas Health Care System



When a surgeon's skilled hands meet robotic precision, the results are astonishing.

What is Robotic Surgery?

Robotic surgery is the next generation of minimally invasive surgery that utilizes a high-level computer system to dramatically enhance visualization, precision, control and dexterity during surgery. As a minimally invasive alternative to traditional surgery, robotic surgery eases the recovery for patients because they spend less time in the hospital, experience less pain and heal faster.

In a robotic surgical procedure, a computer is positioned between the surgeon's hands and the tips of microinstruments, giving surgeons the control, range of motion and 3-D visualization characteristic of open surgery. The techniques allow the surgeon to operate through several small incisions about the size of a dime.



The Advantages of Robotic Surgery

Robotic surgery allows surgeons to operate through infinitely smaller incisions, resulting in significantly less pain, scarring and recovery time for patients. In addition to a shorter hospital stay, the minimally invasive approach offers other advantages to patients, including less risk of infection, less blood loss, fewer transfusions and a quicker return to normal activities.

For the surgeon, the computer-enhanced technology and robotic precision ensure a level of surgical accuracy never before possible. The use of robotics is changing surgery dramatically. As the technology continues to advance and patients experience the benefits of robotic surgery, the demand for robotic procedures continues to increase.



The da Vinci® S Surgical System

The robotic system is named after Leonardo da Vinci, inventor of the first robot who was known for his unparalleled anatomical accuracy and 3-D details that brought his masterpieces to life. The da Vinci® S Surgical System provides surgeons with such enhanced detail and precision that it simulates a traditional open surgery while operating through tiny incisions.

The FDA-approved da Vinci® S Surgical System consists of a surgeon console, a patient-side cart, a high performance 3-D vision system and EndoWrist® articulating instruments.

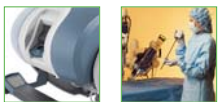
In the operating room, the surgeon sits at the console a few feet from the patient with hands on the master controls and eyes on a 3-D image of the surgical field. From the patient-side cart, two robotic arms and one endoscopic arm precisely translate the surgeon's movements in real-time through small puncture incisions, or ports, in the patient. The system cannot be programmed, nor can it make decisions on its own. Quite to the contrary, it relies on the expertise of a skilled surgeon, requiring that every surgical maneuver be performed with direction from the surgeon.



Robotics for Gynecology

Utilizing robotic technology, surgeons are able to treat many women who have complex gynecological problems, that traditionally would require large abdominal incisions resulting in significant postoperative pain, blood loss and scarring. Robotic-assisted surgery allows surgeons to perform more precise, minimally invasive procedures designed to preserve the uterus. With the da Vinci® S Surgical System, gynecologists can remove fibroid tumors, perform hysterectomies, correct vaginal prolapse and treat certain types of gynecological cancers.

Surgeons also use the da Vinci® robot for tubal restenosis (reversal of tubal ligation) with successful outcomes.



Robotics for Urology

Robotic surgery has given urologists the ability to perform more intricate procedures for the prostate, kidneys and bladder with minimally invasive incisions.

Surgeons have found that most urologic procedures can be performed in a minimally invasive manner. Currently robotic surgery is used in the treatment of prostate, kidney and bladder cancers, as well as for other urological conditions.

Robotic Thoracic Surgery

Thoracic surgery is the practice of medicine directed toward the surgical treatment of diseases of the chest, including cancers of the lung, esophagus and chest wall. Birth defects of the chest and tumors in the organs contained in the chest cavity also are treated.

Complex procedures like thoracic surgery require an excellent view of the operative field and the ability to maneuver instruments within the chest cavity. Thoracic surgery performed robotically provides better control, dexterity and visualization than with an open procedure, allowing surgeons to offer patients the benefits of minimally invasive surgery with better clinical outcomes.

To Learn More...



To learn more about robotic surgery or to locate a physician who performs robotic surgery at Community Medical Center, call 1.888.SBHS.123, or visit www.saintbarnabas.com.