



CARDIAC SURGERY SPECIALISTS

♥ Surgery for Thoracic Aortic Aneurysms

Our surgeons use the following procedures to treat aneurysms—potentially deadly bulges that form in arteries.

- *Minimally Invasive Thoracic Aortic Endograft Procedures*
- *Surgery for ThoracoAbdominal Aneurysms*

♥ Heart Failure

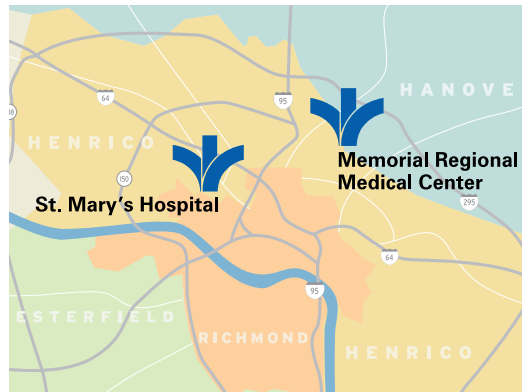
Our surgeons are skilled in the placement of Ventricular Assist Devices (VADs) and heart transplants.

♥ Bon Secours Heart and Vascular Institute

Heart Disease is America's number one killer. The Bon Secours Heart and Vascular Institute fights disease with a continuum of cardiology services, including prevention, diagnosis, treatment and rehabilitation.

We are four hospitals working as one. We are specially trained and dedicated teams of physicians, surgeons, nurses and technicians. We are pleased to bring you state of the art technologies and techniques offered in a compassionate, healing environment.

CARDIAC SURGERY SPECIALISTS



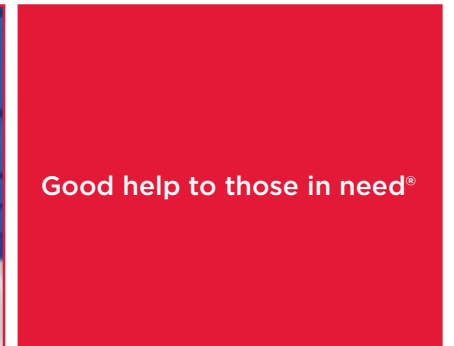
GOOD LOCATIONS

St. Mary's Hospital

Medical Office Building South
5875 Bremono Road, Suite G-5
Richmond, Virginia 23226
804-287-7840

Memorial Regional Medical Center

Medical Office Building 1
8220 Meadowbridge Road, Suite 311
Mechanicsville, Virginia 23116
804-764-7340



BON SECOURS HEART & VASCULAR INSTITUTE

Good help to those in need®



BON SECOURS HEART & VASCULAR INSTITUTE



CARDIAC SURGERY SPECIALISTS

Cardiac Surgery Specialists, Dr. Marc Katz, Dr. Mark Bladergroen and Dr. Steven Fiser, lead the Bon Secours Heart and Vascular Institute. We foster a comprehensive heart surgery program, advancing surgical options for patients to include the latest in cardiac technology, minimally invasive techniques and robotics. Patients have access to the most advanced technology available, including the da Vinci® Robotics equipment for robotic

assisted surgeries, an area in which Dr. Katz is a nationally recognized expert.

Cardiac Surgery Specialists treat patients with a full range of cardiac services in a compassionate, healing environment.



ABOUT YOUR SURGEONS

Marc R. Katz, M.D.

Dr. Katz, regional leader and nationally recognized cardiac surgeon, is the medical director of the Heart and Vascular Institute and head of the Minimally Invasive Surgery Program at Bon Secours Richmond Health System.

Dr. Katz specializes in minimally invasive surgical procedures, robotic assisted surgery, off-pump (beating heart) bypass surgery, surgery for congestive heart failure, placement of Ventricular Assist Devices (VADs) and heart transplants.

For more information visit our website at www.roboticheartsurgery.info



Mark R. Bladergroen, M.D.

Dr. Bladergroen, cardiac surgeon and vice president for medical affairs, is a cardiothoracic surgeon and cardiothoracic section chief at Bon Secours St. Mary's Hospital.

Dr. Bladergroen specializes in minimally invasive valve repair and replacement as well as aortic aneurysm endograft surgery and off-pump (beating heart) bypass surgery. He performed the first thoracic endograft in central Virginia.



Steven M. Fiser, M.D.

Dr. Fiser, cardiovascular surgeon at Memorial Regional Medical Center and St. Mary's Hospital, completed his fellowships in cardiac surgery and endovascular surgery at Harvard/Massachusetts General Hospital. He is board certified in cardiothoracic surgery and board certified in general surgery. In addition to Dr. Fiser's medical experience, he is a seasoned writer with three published books and numerous professional journal articles.

Dr. Fiser specializes in endovascular surgery, a newer and less invasive procedure for treating thoracic aortic aneurysms.

OUR SCOPE OF HEART AND VALVE SURGERY

♥ Minimally Invasive and Robotic Surgery

Our heart surgeons perform minimally invasive robotic heart surgery, using state-of-the-art technology. The da Vinci® Surgical System uses a powerful computer interface, miniaturized instruments and 3D vision magnified 10x, leading to greater benefits for patients, compared to those offered by open heart surgery.

These benefits include:

- *Shorter hospital stay*
- *Less pain and scarring*
- *Less risk of wound infections*
- *Less blood loss and fewer transfusions*

- *Faster recovery*
- *Quicker return to normal activities & lifestyles*

The reason that these minimally invasive procedures and techniques are so attractive to our heart surgeons and patients is that these surgeries do not require an opening of the chest with an eight to twelve inch incision. These minimally invasive procedures can be used to treat a variety of heart conditions, including mitral valve prolapse, atrial septal defect, atrial myxoma, coronary artery disease, and atrial fibrillation.

♥ Coronary Artery Bypass Surgery

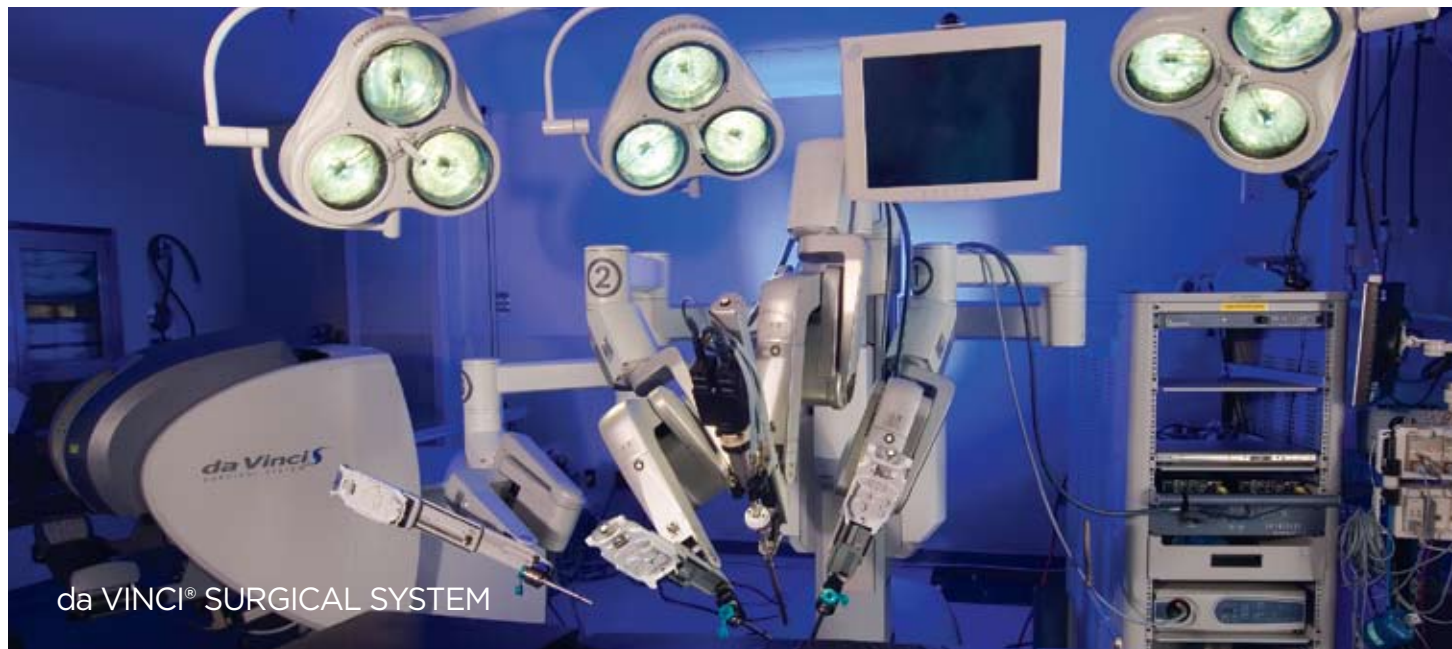
Coronary Artery Bypass Surgery (CABG) is the most common cardiac surgical procedure with more than 350,000 performed in the United States every year. The goal of Coronary Artery Bypass Surgery is to provide more blood flow to the heart. We utilize the following procedures in treating our patients.

- *Off-Pump Coronary Artery Bypass Surgery*
- *Minimally Invasive and Robotic Coronary Artery Bypass Surgery*
- *Integrated Coronary Revascularization combining Robotic Surgery and Stenting*
- *Endoscopic Vein Harvesting*

♥ Valve Repair and Replacement Surgery

Surgery on the heart valves is the second most common cardiac surgical procedure performed. Cardiac Surgery Specialists employs the most innovative techniques to repair and replace faulty valves.

- *Mitral Valve Repair*
- *Minimally Invasive and Robotic Mitral Valve Repair*
- *Mitral Valve Replacement*
- *Aortic Valve Replacement*
- *Minimally Invasive Aortic Valve Replacement*



da VINCI® SURGICAL SYSTEM