



St. Joseph's Regional Medical Center has a long history of successful cardiothoracic surgery both in Adult and Pediatric patients. Given our long rich history, St. Joseph's has prided itself in performing the newest minimally invasive cardiac procedures.

When medication and catheter-based treatments cannot relieve symptoms, surgery remains the accepted treatment for a range of cardiothoracic conditions, including but not limited to mitral valve prolapsed, atrial septal defect and coronary artery disease.

Less invasive procedures are increasingly available for patients facing cardiothoracic surgery. St. Joseph's Healthcare System embraces state-of-the-art minimally invasive approaches with small keyhole incisions made between the ribs to perform coronary bypass or make repairs to the heart valve and other cardiac conditions. These procedures avoid all the other complications of standard open surgery.

St. Joseph's Healthcare System has also made significant advances in the field of robotic surgery utilizing da Vinci Surgical Systems. Among the benefits of da Vinci cardiothoracic surgery are a reduced risk of infection, less blood loss and need for blood transfusions, shorter hospital stay, less pain and scarring, faster recovery and a quicker return to normal activities. Additionally, surgery with the da Vinci Surgical System offers the potential for a better clinical outcome.

Procedures currently offered include: minimally invasive aortic valve surgery, minimally invasive mitral valve repair and replacement, robotic and minimally invasive coronary artery bypass grafting, transcatheter aortic valve replacement (TAVR), minimally invasive surgical treatment of atrial fibrillation, lobectomy, esophagectomy, mediastinoscopy, thoracic sympathectomy.

Specializing in minimally invasive cardiothoracic surgical procedures, **Mark W. Connolly**, MD, Chairman, Department of Surgery, and

**Kourosh T. Asgarian**

, D.O, Chief, Division of Cardiothoracic Surgery, have extensive clinical and academic experience and provides an integrative surgical approach to diseases of the heart and thoracic cavity. Dr. Connolly and Dr. Asgarian are certified by both the American Board of Thoracic Surgery and the American Board of Surgery.

**For additional information, please contact:**

Division of Cardiothoracic Surgery: 973.754.2486

For more information on Robotic Minimally-Invasive Coronary Bypass Surgery presented by Mark W. Connolly, MD:

{hwdvs-player}id=212|width=560|height=340|tpl=playeronly{/hwdvs-player}

[For more information on Atrial Fibrillation watch our Health Tips video here as presented by Alexander Wohler, MD.](#)