

Cardiac Surgery SPECIALIST

DR. JOHN BELL-THOMSON / SURGXL



ROBOTIC CARDIAC SURGERY

The Intuitive Surgical daVinci robot has revolutionized cardiac surgery by making it possible to perform a multitude of procedures safely, and with virtually no discomfort to the patient. Over the past three years, Dr. John Bell-Thomson has trained his surgical team to perform a wide range of robotic, cardiac surgical procedures facilitated by innovative techniques in anesthesia, perfusion, and surgery.

ROBOTIC MITRAL VALVE REPAIR/ REPLACEMENT

The mitral valve is the inlet valve to the left ventricle; it can suffer from degenerative processes, or as a consequence of a heart attack where it no longer functions as a one way valve, but leaks back into the lungs creating symptoms commonly fatigue and shortness of breath. The robotic repair of the mitral valve allows for a precise restitution of the normal function of the mitral valve apparatus.

ROBOTIC MAZE PROCEDURE FOR ATRIAL FIBRILLATION

This surgical procedure restores a regular heart rhythm to patients in Atrial Fibrillation. Dr. Bell-Thomson utilizes a combination of electrocardiographic mapping and stimulation with radiofrequency ablation (burn) and cryoablation (freeze) to accomplish this with the daVinci robot.

ROBOTIC CORONARY ARTERY BYPASS

The use of internal thoracic arteries as bypass conduits is the most important predictor of long-term survival in patients with coronary artery disease. The robotic creation of arterial coronary bypasses, without opening the chest, makes for a huge improvement in patient comfort, recovery, and convalescence. Most patients go home one or two days after surgery. This has revolutionized the outlook for managing coronary artery disease.

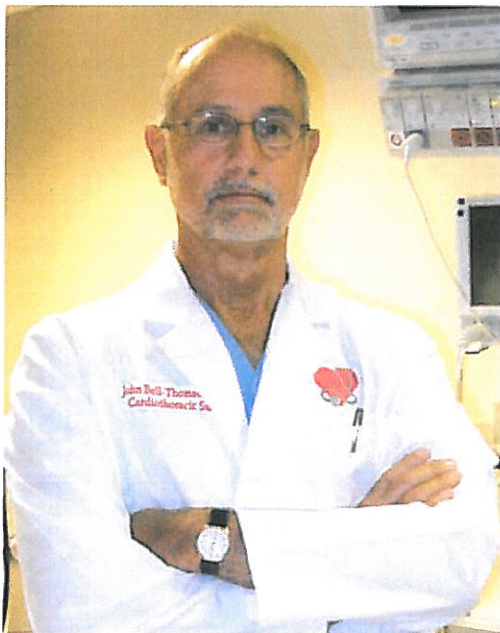
ROBOTIC REMOVAL OF INTRA CARDIAC TUMORS

Robotic techniques permit removal of tumors from inside the heart without the need to open the chest, thus avoiding all the complications associated with the sternotomy incision.

ROBOTIC CONGENITAL HEART SURGERY IN THE ADULT

When holes occur in the heart, such as atrial septal defect or patent foramen ovale, or between the ventricles, such as ventricular septal defect, robotic techniques allow for closure. To correct these defects without the need to open the chest makes for a very comfortable postoperative recovery and convalescence for the patient.

Dr. John Bell-Thomson is a diplomat of the American Board of Surgery, and certified by The American Board of Thoracic Surgery. He is a member of over 20 local, national, and international professional societies, his extensive experience is evidenced by his many published articles, abstracts, reviews, book chapters, presentations and invited lectures in the United States, South America, Australia, India, and Europe. Dr. Bell-Thomson is the Chairman of the Department of Cardiothoracic Surgery at Mercy Hospital of Buffalo, he and his staff maintain privileges at ECMC. Please visit www.surgxl.com to learn more.



SURGXL

22 CAZENOVIA STREET | BUFFALO, NY 14220 | (716) 828-1410
WWW.SURGXL.COM | SURGXL@AOL.COM