

We Provide Cardiothoracic Expertise to Southern Delaware

Beebe Healthcare offers an advanced Cardiothoracic Surgery program as part of our comprehensive Cardiac & Vascular Services that include interventional cardiology, electrophysiology, vascular surgery and interventions, a full range of cardiac and vascular testing and monitoring, cardiac rehab, and the Ornish Lifestyle Medicine™ program.



Backed by our high-tech cardiac facilities, the Beebe Cardiothoracic Surgery Team of dedicated, caring professionals delivers state-of-the-art cardiac care.

Our surgeons, interventional and diagnostic cardiologists, and electrophysiologists are part of a team that also includes the referring physician, expert Beebe nurses, skilled cardiology technicians, anesthesiologists, cardiac rehabilitation therapists, and specially trained support staff.

Our goal is to provide Beebe patients with the best possible care to achieve the best possible outcome.

COMMON CARDIAC SURGICAL PROCEDURES PERFORMED AT BEEBE

- Coronary Artery Bypass Grafting
- Aortic Valve Replacement
- Mitral Valve Repair and Replacement
- Tricuspid Valve Repair and Replacement
- Pulmonary Valve Repair and Replacement
- Excision of Cardiac Tumors
- Aortic Aneurysm Repair
- Aortic Dissection Repair
- Aortic Surgery
- CryoMaze for Atrial Fibrillation
- Pericardial Window for Pericardial Effusion
- Pulmonary Vein Isolation for Atrial Fibrillation
- Open Surgery of the Great Vessels

TECHNOLOGY AT YOUR FINGERTIPS

Beebe Healthcare provides the Cardiothoracic Team with the latest in technologies. Surgeries are performed in modern operating rooms with Stryker Visum LED II lighting and in-light cameras with 32x zoom capability that allow the procedure to be viewed on monitors around the room. A powerful Philips EPIQ 7 ultrasound imaging system delivers premium clarity. Other technologies include:

- An intra-aortic balloon pump (IABP) that increases coronary perfusion and improves patient outcomes in high-risk cases
- Beebe Healthcare is the first hospital in Delaware to use the Cardiohelp system, Maquet's portable heart-lung machine that provides extracorporeal life support (ECLS) to replace or support a patient's circulation and respiration.

For more Cardiothoracic Surgery program information, call (302) 644-4282.

Beebe Cardiothoracic Surgery



M. L. RAY KURETU, MD

*Board Certified in Thoracic Surgery
Chief & Medical Director, Cardiac Surgery*

Dr. M. L. Ray Kuretu received his medical degree from Meharry Medical College in Nashville, Tenn. He completed Fellowship training in Thoracic and Cardiovascular Surgery at Shadyside Hospital in Pittsburgh, Pa., at Newark Beth Israel Medical Center in New Jersey, and completed a Special Fellowship in Cardiothoracic Surgery at Hahnemann University Hospital in Philadelphia. He served as both an attending surgeon and assistant professor of Cardiothoracic Surgery at Hahnemann for 28 years.



EDWARD STEPHENSON, MD

Board Certified in Cardiothoracic Surgery

Edward Stephenson, MD, received his medical degree from University at Buffalo School of Medicine and Biomedical Sciences. He has been practicing for more than 20 years. Most recently, he worked at Penn State Milton S. Hershey Medical Center in Pennsylvania.



KURT E. WEHBERG, MD

*Board Certified in Cardiothoracic Surgery;
Fellowship Trained in Cardiothoracic Surgery*

Kurt E. Wehberg, MD, received his medical degree from Eastern Virginia Medical School in Norfolk, Va., and completed his residency in General Surgery at University of Maryland Medical System. He earned a Fellowship in Cardiothoracic Surgery from University of Maryland Medical System. Dr. Wehberg is leading Beebe's Center for Robotic Surgery. Previous to Beebe, Dr. Wehberg served as Medical Director of the Thoracic Oncology program, Chief of Cardiothoracic Surgery, and Director of Robotic Cardiothoracic Surgery at Peninsula Regional Medical Center in Salisbury, Md.



ALICE ISIDRO, PA-C

Physician Assistant, Cardiac Surgery

Alice received her Bachelor of Science degree from Seton Hall University and her Master of Science degree in Physician Assistant Studies and Molecular Biology from the University of Medicine and Dentistry of New Jersey. Prior to coming to Beebe, she worked as the System Chief Cardiothoracic Physician Assistant at the Lankenau Heart Group in Pennsylvania.



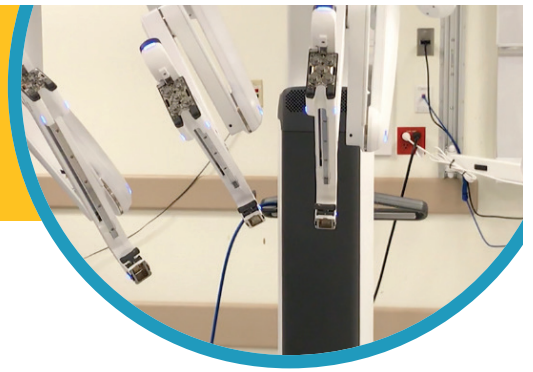
BRIAN C. MCCARTHY, PA-C

Chief Physician Assistant, Cardiac Surgery

A graduate of Hahnemann University in Philadelphia, Brian trained and worked at The Hospital of the University of Pennsylvania, Presbyterian Medical Center, and Pennsylvania Hospital.

Center for Robotic Surgery

THORACIC FACT SHEET



Beebe Healthcare's Center for Robotic Surgery was launched in 2018 with the addition of Kurt Wehberg, MD, Board Certified and Fellowship Trained cardiothoracic surgeon. Dr. Wehberg has performed more than 500 robotic surgeries over the course of his career. He will serve as the Co-Chief of Cardiothoracic Surgery, the Chief of Robotics, and Vice President of Clinical Innovation.

Beebe purchased and installed the da Vinci Xi robotic system in June 2018. Intuitive Surgical, Beebe's partner in the creation of the Center for Robotic Surgery, works with Beebe team members to train them on the protocols and procedures. Beebe's first surgeon-assisted robotic surgeries are planned for July 2018.

Minimally Invasive Thoracic Surgery

The first procedures performed by Beebe's Robotic Surgery team will be thoracic surgeries or those procedures on the lungs, esophagus, or organs of the central part of the body.

Patients with lung cancer have options. In the past, lung surgery was an open procedure. Now, Beebe is able to offer a minimally invasive alternative to open surgery.

What will your surgeon do?

During robotic-assisted surgery, your surgeon will use a 3D high-definition camera for a magnified and clear view of your lungs. The surgeon will sit at a console next to you and operate through a few small incisions using tiny instruments, including a camera. Your surgeon will operate through the gaps between your ribs, without having to open the ribs. Your surgeon fully controls all instruments. Every hand movement is translated by the da Vinci system in real-time to bend and rotate the instruments so the surgeon can remove the tumor.

Thoracic Procedures at Beebe

There are different types of lung cancer procedures and depending on your type of cancer and recommendations from your doctor, you might be able to have minimally invasive robotic surgery procedures including:

Wedge resection: surgical removal of a triangular slice of tissue or tumor

Lobectomy: surgical removal of a section of lung

Pneumonectomy: surgical removal of entire lung.

All surgery carries with it some amount of risk. With robotic surgery, patients can expect less scarring, quicker recovery time, and more precise removal of tumors. Studies have shown:

- Patients experience less blood loss
- Lower risk of infection
- Patients in 86% of cases are released from the hospital sooner.

Talk to your doctor about whether you might be a candidate for robotic surgery. Learn more at: www.beebehealthcare.org/robotic-surgery.



ROBOTIC SURGERY TEAM (302) 644-4282



Kurt Wehberg, MD
Board Certified and Fellowship
Trained Cardiothoracic Surgeon
*Has performed more than 500
robotic surgeries in his career.*



Ty Huskey, PA-C
Certified Physician Assistant
with specialized training in
robotic surgery
*Has assisted more than 500 robotic
surgeries in his career.*

