



# Cardiothoracic Surgery Center

Centra Cardiothoracic Surgery holds the highest rating by the Society of Thoracic Surgeons for quality in cardiac surgery. Our multidisciplinary approach includes state-of-the-art evaluation and treatment for **coronary artery disease, valvular heart disease** as well as a **lung cancer screening program** and a **lung nodule clinic**.

## CARDIAC SERVICES

- Coronary artery bypass grafting with minimally invasive vein harvest
- Aortic valve replacement including minimally invasive techniques
- Mitral valve repair/replacement including minimally invasive techniques
- Ascending aorta repair replacement including aortic dissections
- Ablation of arrhythmia including Maze Procedure and Convergent Hybrid ablation techniques
- Left atrial appendage ablation including minimally invasive techniques
- Treatment of cardiac masses and tumors
- Treatment of cardiac failure with ventricular assist devices (VAD, Impella, VA-ECMO)

## THORACIC SERVICES

- Lung cancer screening
- Lung nodule surveillance
- Minimally invasive lung resections using Video Assisted Thoracoscopy (VATS)
- Wedge resection, lobectomy, bilobectomy and pneumonectomy
- Resection of mediastinal masses and tumors
- Mediastinoscopy for diagnostic and staging purposes
- Rigid and flexible bronchoscopy for diagnostic and therapeutic purposes
- Treatment of pleural space infections, masses and effusions
- Treatment of all cardiac and thoracic trauma
- Treatment of fractured ribs and sternum



# CENTRA

Heart & Vascular Institute

### Referrals To CT Surgery

#### Ascending Thoracic Aortic Aneurysm

- Patient needs recent (within six months) chest CTA with and without contrast

#### Sternal pain

- Chest CT

To make a referral, go to [www.StroobantsCardiovascular.com](http://www.StroobantsCardiovascular.com)

\* Please send imaging reports with referral

## Our Team Of Cardiothoracic Surgery Providers



Kenneth Saum, MD  
Cardiothoracic  
Surgeon



Houman Tavaf, MD  
Cardiothoracic  
Surgeon



Blair Ford, NP  
Thoracic Only



Michael Matteson, PA  
Lead



Spencer Pollock, PA



Mark Watson, PA

### CONDITIONS TREATED

- Aortic valve regurgitation
- Aortic valve stenosis
- Arrhythmias
- Atrial fibrillation (Afib)
- Atrial septal defect
- Cardiac tumors
- Collapsed lung
- Coronary artery disease
- Emphysema
- Empyema
- Esophagus cancer
- Heart failure
- Lung cancer
- Lung nodules
- Mediastinal tumors
- Mitral valve prolapse
- Mitral valve regurgitation
- Pleurisy
- Pleural effusion
- Pulmonary embolism
- Thoracic aortic aneurysm
- Thymus gland disorders
- Tricuspid valve regurgitation
- Ventricular septal defect

### TESTS AND TREATMENTS

- Aortic valve repair
- Aortic valve replacement
- Ascending aorta repair
- Atrial septal defect repair
- CABG
- Cardiac tumor resection
- Flexible bronchoscopy
- Lobectomy
- Low-dose CT lung cancer screening
- Lung biopsy
- Lung decortication
- LVAD placement
- Maze surgery
- Mediastinal tumor resection
- Mediastinoscopy
- Mitral valve repair
- Mitral valve replacement
- Pleurodesis
- Pneumonectomy
- Rigid bronchoscopy
- Thrombectomy
- Tricuspid valve repair
- Tricuspid valve replacement
- VATS
- Ventricular septal defect repair
- Wedge resection



CENTRA

Heart & Vascular Institute