



For the very best in cardiac care

# Our heart's in the right place



**Joining forces.**

**McLeod Heart  
& Vascular Institute and  
Cleveland Clinic Heart Surgery.**

As the regional leader in cardiac services, McLeod provides outstanding and comprehensive heart care for the Carolinas. Our deep commitment to the highest levels of care now leads us to a new heart surgical affiliation with Cleveland Clinic, a world-renowned heart program that has been ranked number one in America since 1995 by *U.S. News & World Report*. Together, our combined experience, knowledge and access to technology will allow us to continue delivering the highest quality and most innovative surgical treatment for heart disease. Which is what you'd expect from the choice for medical excellence.

In affiliation with

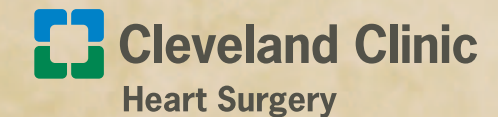


Florence, South Carolina

# Sharing Knowledge, Skills & Best Practices

*The Region's Heart Leader, McLeod Health, Embarks on a Historical Affiliation with Cleveland Clinic, the Nation's Leader in Heart Care.*

In affiliation with



McLeod Health has announced a cardiac surgery clinical affiliation with Cleveland Clinic. Known for world-class heart care, the Ohio-based Cleveland Clinic has been rated #1 in heart care by *U.S. News & World Report* since 1995.

"McLeod is the region's leader in cardiac care. We performed the area's first open heart surgery more than two decades ago. Today, McLeod open heart surgery patients enjoy a survival rate that is better than that of the average U.S. hospital," stated McLeod Health President and CEO Rob Colones. "When two heart leaders join forces, through this meaningful affiliation, lives will change for the better as a result of new treatments and significant clinical collaborations."

"This affiliation will enhance opportunities to provide new

treatments and therapies to patients at the McLeod Heart & Vascular Institute," said Bruce W. Lytle, M.D., Chairman of Cleveland Clinic's Heart and Vascular Institute. "McLeod and Cleveland Clinic working together will accelerate advancements in cardiac care for all our patients.

"In the future, treating patients with cardiovascular disease will become even more complex and exciting as new surgical techniques and technologies emerge. Continuing a high level of care for our patients will require maintaining a high level of collaboration between McLeod Heart & Vascular Institute, Cleveland Clinic's Heart Surgery Program, and our cardiothoracic colleagues nationally and internationally," added Dr. Lytle.

**"McLeod and Cleveland Clinic working together will accelerate advancements in cardiac care for all our patients."**



**Bruce Lytle, M.D.,  
Chairman of Cleveland  
Clinic's Heart and  
Vascular Institute**



# McLEOD HEART & VASCULAR INSTITUTE TEAMS UP WITH CLEVELAND CLINIC:

## *Engaging Patients in the Lifelong Management of Cardiovascular Disease.*

Through the collaboration with Cleveland Clinic, the McLeod Heart & Vascular Institute will enhance opportunities to share knowledge, skills and best practices and provide new treatments and therapies to patients as well as to accelerate mutual advancements in cardiac surgery. McLeod Heart and Vascular Surgeons and Cardiac Specialists, with their expertise and experience in performing superlative surgery, will have the potential to achieve even more remarkable outcomes.

### **Greg H. Jones, M.D.**

Dr. Jones, a skilled cardiothoracic surgeon, is scheduled to become the McLeod Regional Medical Center Chief of Staff in 2008. For many years, Dr. Jones has served as the Chairman for numerous McLeod Clinical Effectiveness initiatives critical to improving patient outcomes and advancing clinical processes. Under his leadership in Clinical Effectiveness, Dr. Jones has worked diligently in process improvements to reduce mortality, complication and infection rates to below national averages in many areas. Dr. Jones has also been recognized for his excellent clinical outcomes among his cardiovascular colleagues in the nation.

### **Robert A. Phillips, M.D.**

Dr. Phillips, a cardiothoracic surgeon highly experienced in adult cardiac surgical care, is also renowned for performing minimally invasive treatments. Among the solutions for patients with chest pain – or angina, as it is known – Dr. Phillips offers transmyocardial revascularization (TMR). TMR can be performed in conjunction with Coronary Artery Bypass Surgery or using a minimally invasive technique for those not requiring bypass surgery. Other minimally invasive procedures include MAZE for the treatment of atrial arrhythmias and endovascular grafting for thoracic and abdominal aneurysms to decrease the risk of rupture. These minimally invasive procedures require no large incisions, which means a quicker recovery time for patients.

### **Jamie Holland, M.D.**

Dr. Holland has highly specialized skills in valve surgery including extensive experience in mitral valve repair and re-operative heart surgery. Successful repair requires experience and an

understanding of how the heart's valve and muscle structure function as one. For this reason, mitral valve repair requires the world's most competent heart valve surgeons. Today, many physicians are referring their patients earlier for surgery, particularly since it may prevent irreversible damage to the heart.

### **Christopher Cunningham, M.D.**

Dr. Cunningham, a Vascular Surgeon trained in both interventional and operative techniques, recently operated on a patient whose superficial femoral artery (SFA) was one hundred percent occluded, or blocked off. Dr. Cunningham performed an exceedingly specialized minimally invasive SFA endarterectomy with stenting. The patient now walks normally and was able to return to work one week after the procedure. Dr. Cunningham routinely cares for carotid, subclavian, aortic, renal and extremity artery problems.



McLeod Heart & Vascular Institute Surgeons are pictured here, (from left to right), Dr. Greg Jones, Dr. Christopher Cunningham, Dr. Robert Phillips and Dr. Jamie Holland.

“When two Heart Leaders join forces, through this meaningful affiliation, lives will change for the better as a result of new treatments and significant clinical collaborations.”



**Rob Colones, McLeod Health President and CEO**

### **About Cleveland Clinic Heart and Vascular Institute**

Cleveland Clinic Heart and Vascular Institute is the recognized world leader in diagnosis and treatment of cardiovascular disease. Cleveland Clinic has been ranked No. 1 in the nation for cardiac care by *U.S. News & World Report* every year since 1995. Cleveland Clinic has also been ranked among America's Ten Best Hospitals every year since 1990 by *U.S. News & World Report*.

### **About Cleveland Clinic**

Cleveland Clinic, located in Cleveland, Ohio, is a not-for-profit multi-specialty academic medical center that integrates clinical and hospital care with research and education. Cleveland

Clinic was founded in 1921 by four renowned physicians with a vision of providing outstanding patient care based upon the principles of cooperation, compassion and innovation. *U.S. News & World Report* consistently names Cleveland Clinic as one of the nation's best hospitals in its annual 'America's Best Hospitals' survey.

Approximately 1,500 full-time salaried physicians at Cleveland Clinic and Cleveland Clinic Florida represent more than 100 medical specialties and subspecialties. Cleveland Clinic's Web site address is [www.clevelandclinic.org](http://www.clevelandclinic.org)

### **About McLeod Heart & Vascular Institute**

The McLeod Heart & Vascular Institute continues to lead the way in providing the most advanced and comprehensive cardiac services in the region. McLeod's Heart Center, established for more than two decades, provides a full spectrum of cardiac care programs designed to identify and treat cardiac disease and then help patients build and maintain a healthy heart. The birth of the McLeod Heart Institute took place in 1986 and coincided along with open heart surgery being available in the Pee Dee for the first time.

The McLeod Heart & Vascular Institute offers cardiac patients the benefits of the skilled expertise of cardiologists, interventional radiologists, cardiothoracic surgeons and vascular surgeons.

Cardiovascular Disease is South Carolina's leading killer for both men and women among all racial and ethnic groups. Stroke is the third leading cause of death in South Carolina. The McLeod Heart & Vascular Institute is working

hard to help reduce these devastating rates by making world-class treatment of cardiovascular disease easily accessible to the Pee Dee Region, demonstrated in part by this remarkable cardiac surgical partnership with Cleveland Clinic.

In announcing this outstanding and historical collaboration between the region's finest in heart care and the nation's best in cardiac services, McLeod further defines its commitment to providing the best in heart care possible.

The McLeod Heart & Vascular Institute's focus on excellence earned it the Governor's Quality Award in 2001. The Institute's innovative clinical effectiveness (CE) program was chosen among five hospitals in the nation to participate in the "Pursuing Perfection" project through the Robert Wood Johnson Foundation and the Institute for Healthcare Improvement, to evaluate the quality and timeliness of care given to every cardiac patient as they progress through all treatment levels.

- ▶ Outstanding outcomes include:
- ▶ Compared to national averages, heart attack patients treated at McLeod are much more apt to be able to return to a normal, active life.
- ▶ Patients undergoing angioplasty to open blocked coronary arteries at McLeod have better results than similar hospitals nationwide.
- ▶ Open heart surgery patients at McLeod enjoy a survival rate that is better than that of the average U.S. hospital.

Additionally, the McLeod Heart and Vascular Institute's Echocardiography and EKG Department and the region's first Cardiac Catheterization Laboratory provide advanced diagnostic services.



As part of the collaboration between McLeod Health and Cleveland Clinic, surgeries including this aortic valve replacement will be featured in upcoming webcasts available for viewing by patients and physicians around the world.

Four registered echosonographers with a combined 80-plus years of experience staff the Echocardiography Department. The McLeod Cardiac Catheterization Laboratory includes four cardiac cath lab rooms and one dedicated lab for electrophysiology

studies. These studies track the speed and flow of electrical signals through the heart to predict if an individual is at high risk for sudden cardiac death. The Cardiac Catheterization Laboratory not only diagnoses but also treats many conditions without surgery.

For patients requiring surgery, the surgeons of the McLeod Heart & Vascular Institute offer the finest surgical heart and vascular care in the region. All four surgeons are fellowship trained and board-certified. Their affiliation with and additional credentialing by Cleveland Clinic will accelerate advancements in cardiac care for patients.

The Cardiovascular Intensive Care Unit (CVICU) at McLeod is a 14-bed unit for critically ill surgical patients. One of the first units of its kind in the nation, the CVICU is responsible for helping open heart surgery patients get back on their feet and begin rehabilitation as quickly as possible.

The McLeod Heart & Vascular Institute's commitment to excellent patient care extends well beyond discharge. Those recovering from a heart attack or open-heart surgery, have stable angina or are at high risk for heart disease benefit from a four-phase cardiac rehab program that helps patients and their families resume active, productive lifestyles.

## Cardiac Surgery on the Web

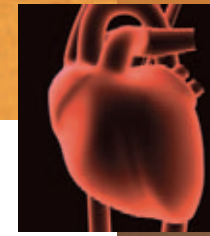
Interested individuals will be able to see the medical collaboration of McLeod and Cleveland Clinic through a series of heart surgeries performed at McLeod and made available on the web at [McLeodHealth.org](http://McLeodHealth.org) and [ORlive.com](http://ORlive.com).

On November 28, highlights of this collaboration and the introduction of upcoming surgical webcasts will be available online to showcase leading edge heart care through this vital affiliation.



Joining forces.

Sharing knowledge.



We Take Leadership to Heart.

### McLeod Heart & Vascular Institute and Cleveland Clinic Heart Surgery.

As the regional leader in cardiac services, McLeod provides outstanding and comprehensive heart care for the Carolinas. Our deep commitment to the highest levels of care now leads us to a new heart surgical affiliation with Cleveland Clinic, a world-renowned heart program that has been ranked number one in America since 1995 by *U.S. News & World Report*. Together, our combined experience, knowledge and access to technology will allow us to continue delivering the highest quality and most innovative surgical treatment for heart disease. Which is what you'd expect from the choice for medical excellence.



In affiliation with

**McLeod Health**  
*The Choice for Medical Excellence.*

 **Cleveland Clinic**  
Heart Surgery