

# HEART REPORT

September 2011

**ANMED HEALTH**  
Heart and Vascular Care  
We're in this together.

THE LATEST CLINICAL UPDATES FROM ANMED HEALTH HEART AND VASCULAR CARE



The new biplane at AnMed Health will be a significant benefit to patients.

## EP biplane ready for use

Doctors performed the first procedure on AnMed Health's new GE biplane in late August.

The biplane simultaneously covers a patient's front and side for a variety of cardiovascular and neurovascular image-guided interventional procedures. As a result, these procedures can be done with fewer X-rays and contrast injections, a significant benefit for the patient.

The Heart and Vascular Center's electrophysiology lab was under construction for about two months to make room for the new equipment. During that time, the entire room was reconfigured. This included removing a wall and rearranging the electrical infrastructure. The renovated lab has a new control room, a new overhead support system as well as a view window and new finishes.



## Heart and Vascular earns quality awards from CHS



AnMed Health received two Touchstone Quality Awards from Carolinas HealthCare System (CHS) for work done to improve safety and quality in Heart and Vascular Care. Award winners shared their research projects during the second annual CHS Quality Sharing Day on Aug. 3.

Kristi Boggess, CCU nurse manager, and Jane Mauldin, Diabetes Education coordinator, received a Silver Touchstone Award for their project, “Controlling blood glucose in cardiac surgery patients.” The project started in an effort to improve the transition from IV insulin to subcutaneous insulin after surgery. The project then expanded to include improving blood sugars before and during surgery. Their work has enabled AnMed Health to meet SCIP guidelines for post-op blood glucose control and decreased the average blood sugar going into the operating room from 176 to 116. The anesthesia staff liked the computerized insulin drip so much they had the software installed on all of the other operating room computers, which means it can be used for other cases as well.

Michael Gibson, nurse manager at LifeChoice, picked up a Bronze Touchstone Award for his team’s project, “Aggressive falls risk initiative in the cardiac rehabilitation setting.” After experiencing three falls in one month, the LifeChoice took a critical look at its processes and what peers were doing in the area of fall prevention. While peer programs were

experiencing the same issues with falls, no one seemed to have practical solutions for assessment or prevention. Then the staff learned that AnMed Health Rehabilitation Hospital was using a new a balance screening system called CAPS (Comprehensive Assessment of Postural Systems) to assess its patients. LifeChoice formed an interdisciplinary committee with the Rehabilitation Hospital to develop strategies to reduce and prevent falls. Since implementation, there has been only one fall at LifeChoice, an incident that was related to equipment operation error not balance/risk stratification issues.

## Carolina Cardiology joins AnMed Health Physician Network

On July 1, Carolina Cardiology Consultants became AnMed Health Carolina Cardiology. Located in the AnMed Health Cardiac and Orthopaedic Center, Carolina Cardiology is the office of Drs. Jerry D. Champ, Rhonda Duncan Mauldin, Paul R. Jones, Scott A. Phillips, Brett C. Stoll, Satish K. Surabhi and John R. Wendt.

Carolina Cardiology cares for patients with a wide range of heart and vascular conditions. Each physician has areas of specialization outside of general cardiology. The office provides comprehensive cardiology services, from in-office diagnostic testing to more invasive and interventional procedures, such as stents, pacemakers and heart catheterizations.

Carolina Cardiology is the eighth specialists’ office in the AnMed Health Physician Network. The network includes 34 doctor’s offices across the Upstate and northeast Georgia with specialists in family medicine, pediatrics, obstetrics and gynecology, cardiology, orthopaedics, vascular medicine, bariatric surgery, plastic surgery and general surgery.



Jerry D. Champ, MD



Rhonda Duncan Mauldin, MD



Paul R. Jones, MD



Scott A. Phillips, MD



Brett C. Stoll, MD



Satish K. Surabhi, MD



John R. Wendt, MD

## Care meets or exceeds national quality measures

AnMed Health Heart and Vascular Care has a long history of meeting and exceeding national quality care measures. During the first half of 2011, the hospital's median door-to-balloon time was only 57 minutes. For more quality data, see the chart below.

Condition/Procedure	AnMed Health			Current Comparative Benchmarks					
	Num	Den	Rate	HQID Top 50%	HQID Top 10%	The Joint Commission Nat'l Avg	The Joint Commission Top 10%	Hospital Compare Nat'l Avg	Hospital Compare Top 10%
<b>Acute Myocardial Infarction</b>									
Aspirin at arrival	135	135	100.00%	100.00%	100.00%	99.05%	100.00%	99.00%	100.00%
Aspirin prescribed at discharge	128	128	100.00%	100.00%	100.00%	98.90%	100.00%	98.00%	100.00%
ACEI or ARB for LVSD	29	29	100.00%	100.00%	100.00%	96.75%	100.00%	96.00%	100.00%
Adult smoking cessation advice/counseling	53	53	100.00%	100.00%	100.00%	99.68%	100.00%	99.00%	100.00%
Beta blocker prescribed at discharge	123	123	100.00%	100.00%	100.00%	98.69%	100.00%	98.00%	100.00%
Primary PCI received within 90 minutes arrival at hospital	30	30	100.00%	100.00%	100.00%	91.83%	100.00%	90.00%	100.00%
Statin prescribed at discharge	118	118	100.00%						
Acute Myocardial Infarction: Composite Process Score (CPS)	616	616	100.00%	99.24%	100.00%				
Acute Myocardial Infarction: Appropriate Care Score (ACS)	137	137	100.00%	97.92%	100.00%				
<b>Continuous Variable Measures</b>									
		<b>Cases</b>	<b>Minutes</b>						
Median Time to Primary PCI		30	57.00						
<b>Heart Failure</b>									
Discharge instructions	193	200	96.50%	94.74%	100.00%	91.72%	100.00%	88.00%	100.00%
Evaluation of LVS function	273	273	100.00%	100.00%	100.00%	98.89%	100.00%	98.00%	100.00%
ACEI or ARB for LVSD	104	104	100.00%	100.00%	100.00%	95.69%	100.00%	94.00%	100.00%
Adult smoking cessation advice/counseling	63	63	100.00%	100.00%	100.00%	99.17%	100.00%	98.00%	100.00%
<b>Heart Failure: Composite Process Score (CPS)</b>	633	640	98.91%	97.19%	100.00%				
<b>Heart Failure: Appropriate Care Score (ACS)</b>	267	274	97.45%	93.71%	100.00%				

## Research Update

AnMed Health physicians participate in a number of clinical trials and research studies. To learn more about these studies and other ongoing research projects, please call Dianne Spoon, director of Quality, Research and Patient Safety, at 864.512.1191.

**Trial name:** Pegasus

**Principal investigator:** Dr. Brent McLaurin

**Target population:** Patients who experienced myocardial infarction in the last one to three years and have been on long term aspirin therapy

**Description:** This study is to determine if a new investigational drug called Ticagrelor can decrease the chances of a cardiac patient having further cardiovascular events. Researchers think it will decrease clot formation by inhibiting platelet formation. In a study comparing Ticagrelor to Plavix, Ticagrelor was shown to better decrease cardiovascular events like heart attacks and strokes.

**Trial name:** TRANSLATE – ACS

**Principal investigator:** Dr. Brett Stoll

**Target population:** Patients admitted with an MI who had a percutaneous coronary intervention during their hospitalization and are taking an anti-platelet post intervention.

**Description:** This is an observational study evaluating the effectiveness of the anti-platelet medications, Plavix and Effient, and to describe how these medications are prescribed for both short and long term use after MI.

**Trial name:** CHOICE

**Principal investigator:** Dr. Brent McLaurin

**Target population:** High surgical risk patients with atherosclerotic disease in the carotid arteries.

**Description:** A commercially available stent and embolic protection device is used to treat lesions in the common or internal carotid artery for high risk surgical patients.

**Trial name:** RED- HF

**Principal investigator:** Dr. Brent McLaurin

**Target population:** Heart failure patients with symptomatic left ventricular systolic dysfunction and anemia.

**Description:** This trial is to determine the effectiveness of darbepoetin alfa compared to placebo in patients that have left ventricular dysfunction and anemia.

**Trial name:** CHAMPION PHOENIX

**Principal investigator:** Dr. Brent McLaurin

**Target population:** Patients who require percutaneous coronary and have stable angina, non ST segment elevation acute coronary syndrome, and ST segment elevation myocardial infarction.

**Description:** The objective of this trial is to demonstrate that for patients requiring PCI, cangrelor is superior to clopidogrel standard of care.

**Trial name:** SAPPHIRE WW

**Principal investigator:** Dr. Satish Surabhi

**Target population:** High risk surgical patients with atherosclerotic disease in the carotid arteries.

**Description:** Stenting of the carotid artery with the use of a distal protection device in the treatment of obstructive carotid artery disease in high risk surgical patients.

**Trial name:** CREATE PAS

**Principal investigator:** Dr. Satish Surabhi

**Target population:** Patients that are high risk for complications during endarterectomy

**Description:** Stenting of the common and /or internal carotid artery stenosis for patients with a high risk for complications during endarterectomy.

