Lehigh Valley Health Network
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2012


Lehigh Valley Health Network

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DEAR COLLEAGUE:

We are pleased to share this report on cardiac and vascular patient care and statistics of the past three years at Lehigh Valley Health Network.

The Heart and Vascular Center is a true collaboration among specialties resulting in streamlined referrals, cost-effective and efficient patient care, and advances in quality and innovation by experts in their respective fields. Weekly multidisciplinary clinical case conferences are part of the collaborative process that results in improved care, service and access for you and your patients.

Our programs continue to grow and earn recognition from prestigious national organizations. According to Edwards Lifesciences, we are one of the first hospitals in the nation—and the first in the Lehigh Valley—selected to treat patients with the recently FDA-approved Edwards SAPIEN transcatheter aortic heart valve. We are evaluating patients and expect to begin implanting this new, less-invasive valve in early spring in our new hybrid OR.

Our 2012 plans also include implanting ventricular assist devices as destination therapy to complement our advanced heart failure program.

We consistently rank in the top 1 percent in the nation for heart attack survival. Our MI Alert program is a significant part of this accomplishment, consistently delivering the “gold standard” for treating heart attack patients with timely, lifesaving care. Our hospitals are accredited by the Society of Chest Pain Centers, and nine of our heart specialists are included in the Best Doctors in America list.

Our heart surgery program is the best in Pennsylvania, having received five of a possible eight “lower than expected” mortality ratings for CABG and valve procedures in the Cardiac Surgery in Pennsylvania 2008-2009 report published by the Pennsylvania Health Care Cost Containment Council.

Lehigh Valley Hospital was cited as a “high performer” in cardiology and heart surgery by U.S. News & World Report in their Best Hospitals national rankings this year.

We encourage you to read about these accomplishments and others in this report. Our Heart and Vascular Center serves physicians and patients throughout eastern Pennsylvania and western New Jersey at our sites in Allentown and Bethlehem, Pa.

We welcome the opportunity to discuss our program with you in more detail, and to work with you to ensure the best care for your patients. Accompanying this report you will find a referral guide listing all physicians in our cardiology, cardiothoracic surgery and vascular surgery departments. Please call any of the physicians listed to make a referral, or phone the Heart and Vascular Center at 610-402-7150 to speak with one of us about our center’s services.

Sincerely,

Ronald S. Freudenberger, MD
Walter and A. Hazel May Chair for Excellence in Cardiology
Medical Director, Heart and Vascular Center
Chief of Cardiology

Raymond L. Singer, MD
Chief, Division of Cardiothoracic Surgery
Associate Medical Director,
Heart and Vascular Center
According to the most recently available data, Lehigh Valley Health Network treats more heart patients than any other hospital in our area at our two Heart and Vascular Center sites in Allentown and Bethlehem.¹ Our interventional cardiologists performed more than 11,000 diagnostic and therapeutic procedures (chart, page 6).

Our cardiothoracic surgeons completed more than 1,000 heart surgeries, the fifth highest volume in the state.² They also performed 767 thoracic surgeries.³ Our heart surgery program leads the state in quality, with “lower than expected” mortality ratings in five categories related to cardiac bypass and valve surgery.⁴

Our vascular surgery program, the fifth busiest in Pennsylvania,⁵ offers innovative procedures like endovascular aneurysm repair and carotid artery angioplasty. Our arrhythmia specialists performed more than 1,500 procedures (chart, page 6).

At the same time we are caring for complex cardiac problems with state-of-the-art technology and new forms of collaboration, we remain focused on providing a comfortable, high-quality experience for our patients and families. Open communication, compassion and respect remain central to this care.

¹ Cardiology Inpatient Discharge Volume from Pennsylvania Hospitals by Network/Hospital, FY10 (PHC4, HCAB Product Line Definitions)
² Cardiology Inpatient Discharge Volume from Pennsylvania Hospitals by Network/Hospital, FY10 (PHC4, HCAB Product Line Definitions)
³ Lehigh Valley Health Network, FY2011
⁴ PHC4 Cardiac Surgery in Pennsylvania, 2008-2009
⁵ Vascular Inpatient Discharge Volume from Pennsylvania Hospitals by Hospital/Network, FY10 (PHC4, HCAB Product Line Definitions)
ONE OF THE NATION’S BEST HOSPITALS FOR HEART ATTACK CARE

Lehigh Valley Hospital consistently ranks in the top 1 percent in the U.S. for heart attack survival.1

MI ALERT
More patients survive a heart attack in part because of our MI Alert program, which provides emergency percutaneous coronary interventions 24/7 to patients with ST elevation myocardial infarction. This service is available at our hospital sites in Allentown and Bethlehem. The protocol is also available in six partner hospitals outside our region, and includes Emergency Medical Services (EMS) and community initiatives designed to maximize efficiency and improve survival of heart attack patients.

Our MI Alert program began in 1997; in fiscal year 2011, we treated more than 400 STEMIs. The teamwork of our physicians and staff, our MedEvac helicopters and area first responders has led to local median door-to-balloon times in the one-hour range, well below the 90-minute gold standard for heart attack care.

Lehigh Valley Health Network’s three hospital sites (Lehigh Valley Hospital–Cedar Crest; Lehigh Valley Hospital–Muhlenberg; Lehigh Valley Hospital–17th Street) are accredited as Chest Pain Centers from the Society of Chest Pain Centers; Lehigh Valley Hospital–Cedar Crest and Lehigh Valley Hospital–Muhlenburg are Primary Coronary Intervention sites.

THERAPEUTIC HYPOTHERMIA
Since 2005, we have used therapeutic hypothermia combined with coronary intervention on cardiac arrest patients who suffered ventricular tachycardia or ventricular fibrillation. This program relies on collaboration among specialists in cardiac care, neurology and critical care, as well as emergency responders and referring hospitals. As part of the International Cardiac Arrest Registry, we collaborate with major U.S. heart centers to produce data that will guide treatment.

1 U.S. Centers for Medicare and Medicaid Services, 2008 through 2011
DIGITAL IMAGING

We offer every modality of advanced cardiac imaging in order to gain a clear picture of the patient’s health. Our board-certified cardiologists all receive training in cardiac imaging during their fellowship. As a digital heart hospital, our system gives consulting and referring physicians quick and easy access to data, images and reports.

Lehigh Valley Health Network offers three-dimensional transesophageal echocardiography, an innovative test that provides 3-D moving images of the heart in real time. This test is especially beneficial in the diagnosis and treatment of valve problems.

Concerned that coronary CT scans expose patients to excessive amounts of radiation, we are utilizing GE ASIR software, as well as prospective gating. This reduces patient radiation exposure to 3-4 mSv, compared to 13-15 mSv, the average amount of radiation produced during a conventional cardiac CT scan.

We presented a paper, “Coronary CT Radiation Reduction: The Lehigh Valley Health Network Experience,” at the annual meeting of the Pennsylvania American College of Cardiology in October 2011. It provided the results of a research study documenting this significant advancement in patient care.

Cardiac MRI produces superior images of the heart, enabling us to more accurately assess heart structure and function. Our cardiac MRI program is accredited by the American College of Radiology. We performed nearly 400 cardiac MRIs in fiscal year 2011, and are participating in national trials and registries in a variety of cardiac MRI-related areas.
INTERVENTIONAL CARDIOLOGY

Lehigh Valley Health Network operates seven cardiac catheterization laboratories at our two Heart and Vascular Center sites in Allentown and Bethlehem. Interventional cardiologists and their heart surgeon colleagues will collaborate to implant the recently FDA-approved Edwards SAPIEN transcatheter aortic heart valve in adult patients with severely diseased aortic valves who are not eligible for traditional “open-heart” valve replacement surgery.

INTERVENTIONAL CARDIOLOGY PROCEDURES

Diagnostic
Left heart catheterization
Right heart catheterization
Coronary angiography
Cardiac biopsy
Combined left and right heart catheterization with transeptal approach

Therapeutic
Percutaneous transluminal coronary angioplasty
Coronary stenting
Drug-eluting stenting
Intracardiac ultrasound
Intravascular ultrasound
Intra-aortic balloon pump insertion
Valvuloplasty—aortic and mitral
Pericardiocentesis
Coronary rotational atherectomy
PFO closure
ASD closure
PDA closure
Angiojet thrombectomy
Impella® heart pump
Laser atherectomy

Peripheral Procedures
Diagnostic
Peripheral angiography—cerebral, carotid, thoracic, aortic, renal, iliac, femoral, lower extremities

Therapeutic
Peripheral angioplasty and stenting
Vena cava filter placement
Carotid stenting
Laser atherectomy
ARRHYTHMIA CARE

Our specialists care for all types of arrhythmias and offer a full spectrum of ablation procedures for atrial fibrillation, supraventricular tachycardias and ventricular tachycardias. In 2011, we were the first hospital in the area and the second in Pennsylvania to perform balloon cryoablation to treat atrial fibrillation. During this procedure, a catheter system that inflates and fills with liquid nitrous oxide is used to freeze tissue in the pulmonary vein to create lesions that stop erratic electrical signals that cause atrial fibrillation.

Our experienced, board-certified electrophysiologists collaborate with other cardiologists, surgeons, and imaging and nursing specialists, using state-of-the-art computer technology to ensure the highest likelihood of control or complete elimination of abnormal heart rhythms. As an example of our success, the National Cardiovascular Data Registry shows that in 2010 our complication rates for implanted cardioverter defibrillator devices were better than those of hospitals with comparable volumes and the nation as a whole.

ELECTROPHYSIOLOGY PROCEDURES BIV PACER/ICD

<table>
<thead>
<tr>
<th>Procedure</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
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<tbody>
<tr>
<td>ICDs</td>
<td>317</td>
<td>359</td>
<td>335</td>
</tr>
<tr>
<td>Ablations</td>
<td>363</td>
<td>333</td>
<td>394</td>
</tr>
<tr>
<td>Pacemakers</td>
<td>511</td>
<td>557</td>
<td>517</td>
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SOURCE FOR ALL CHARTS: Lehigh Valley Health Network Interventional Cardiology
Lehigh Valley Health Network has been selected to treat patients with the recently FDA-approved Edwards SAPIEN transcatheter aortic heart valve. According to Edwards Lifesciences, we are one of the first hospitals in the United States—and the first in the Lehigh Valley—approved to implant the valve to replace a diseased aortic valve. Our team of cardiothoracic surgeons and interventional cardiologists expects to begin implanting the valve in our new hybrid OR in early spring.

Lehigh Valley Health Network’s cardiothoracic surgery program has one of the highest patient volumes in Pennsylvania, with more than 1,750 surgeries each year. Our surgeons have a collective 90+ years experience and have performed an estimated 20,000 cardiothoracic surgery procedures.

The Pennsylvania Health Care Cost Containment Council continues to show that our results in coronary artery bypass surgery are among the best in the state. Since 2002, Lehigh Valley Hospital–Cedar Crest has experienced an approximately 1 percent or lower mortality for CABG surgery. The most recent state average is 1.54 percent.

Small-incision surgery, stents, robots and percutaneous valve therapies have become important options that require collaboration between specialties. Our new hybrid OR combines the capabilities of a cardiac catheterization lab with the equipment and sterility of an operating room—to be used by surgeons and cardiologists working side-by-side.

HEART VALVE SURGERY
A team of cardiothoracic surgeons, cardiologists and a dedicated nurse practitioner is available to evaluate patients with complex heart valve disease. We provide expedited appointments for elective patients or an automatic transfer of in-hospital patients without delay. In addition to offering a team approach that includes all aspects of heart valve disease therapies, including minimally invasive surgery, we provide referring physicians with frequent updates, and patients return to the referring physician for their follow-up and continuing care.

Our cardiac surgeons performed nearly 400 valve procedures during fiscal year 2011. Lehigh Valley Hospital–Cedar Crest was the only hospital in Pennsylvania to receive “lower than expected” mortality ratings in five categories related to CABG and valve surgery.
COMPLEX MITRAL VALVE REPAIR
Mitral valve repair affords patients freedom from anticoagulation and less risk for endocarditis, as well as overall preserved ventricular function. Our surgeons have undergone mitral valve repair education with international leaders. Our mortality rate for isolated mitral valve repair is 0 percent, putting us among the country’s leading organizations.3

VENTRICULAR ASSIST DEVICES
We are evaluating patients to receive ventricular assist devices, life-sustaining technology for persons in the late stages of heart failure. This destination therapy helps the failing heart effectively pump blood throughout the body.

THORACIC SURGERY
Our thoracic surgery program continues to grow in volume, scope and reputation. In fiscal year 2011, we completed 767 thoracic surgeries. We offer many minimally invasive approaches for the treatment of diseases of the lung, esophagus and chest including video-assisted and robotic approaches. We are a recognized program for single-port sympathectomy for hyperhidrosis and decompression surgery for thoracic outlet syndrome. For lung and esophageal cancer patients, we provide a multidisciplinary, collaborative team approach that includes dedicated thoracic oncologic surgeons as well as medical and radiation oncologists.

THORACIC AORTA DISEASE
Cardiothoracic surgeons at Lehigh Valley Health Network have been treating aneurysms and dissections of the thoracic aorta for 20 years. These conditions include aortic dissections, thoracic aortic aneurysms, aortic ulcers, intramural hematomas and traumatic aortic transections (ruptures). We treat these conditions with both open and less-invasive techniques, such as TEVAR (thoracic endovascular aortic repairs).

TOTAL CARDIAC SURGERY 2009-2011

<table>
<thead>
<tr>
<th>VOLUME</th>
<th>CABG</th>
<th>VALVE</th>
<th>CABG/VALVE</th>
<th>TAAs</th>
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<tr>
<td>FY09</td>
<td>611</td>
<td>356</td>
<td>124</td>
<td>150</td>
</tr>
<tr>
<td>FY10</td>
<td>546</td>
<td>314</td>
<td>111</td>
<td>166</td>
</tr>
<tr>
<td>FY11</td>
<td>615</td>
<td>370</td>
<td>152</td>
<td>156</td>
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<tr>
<td>TOTAL</td>
<td>1,772</td>
<td>1,040</td>
<td>387</td>
<td>472</td>
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SOURCE: Lehigh Valley Health Network

VALVE SURGERY 2009-2011

<table>
<thead>
<tr>
<th></th>
<th>MITRAL/ AORTIC VALVE</th>
<th>MITRAL VALVE</th>
<th>AORTIC VALVE</th>
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<tr>
<td>FY09</td>
<td>20</td>
<td>87</td>
<td>288</td>
</tr>
<tr>
<td>FY10</td>
<td>16</td>
<td>75</td>
<td>241</td>
</tr>
<tr>
<td>FY11</td>
<td>11</td>
<td>83</td>
<td>281</td>
</tr>
<tr>
<td>TOTAL</td>
<td>47</td>
<td>226</td>
<td>810</td>
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SOURCE: Lehigh Valley Health Network

CARDIAC SURGERY IN-HOSPITAL MORTALITY

PENNSYLVANIA

<table>
<thead>
<tr>
<th>MORTALITY (%)</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
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<tr>
<td>CABG</td>
<td>1.8</td>
<td>1.9</td>
<td>1.5</td>
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<tr>
<td>VALVE</td>
<td>3.2</td>
<td>3.0</td>
<td>2.4</td>
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<tr>
<td>CABG/Valve</td>
<td>4.8</td>
<td>5.6</td>
<td>5.3</td>
</tr>
<tr>
<td>TOTAL VALVE</td>
<td>3.9</td>
<td>4.1</td>
<td>3.6</td>
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LEHIGH VALLEY HOSPITAL—CEDAR CREST

<table>
<thead>
<tr>
<th>MORTALITY (%)</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
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</thead>
<tbody>
<tr>
<td>CABG</td>
<td>1</td>
<td>1.1</td>
<td>.3</td>
</tr>
<tr>
<td>VALVE</td>
<td>0</td>
<td>0</td>
<td>1.3</td>
</tr>
<tr>
<td>CABG/Valve</td>
<td>0</td>
<td>3.3</td>
<td>2.6</td>
</tr>
<tr>
<td>TOTAL VALVE</td>
<td>0</td>
<td>1.2</td>
<td>1.7</td>
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LEHIGH VALLEY HOSPITAL—MUHLENBERG

<table>
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<th>MORTALITY (%)</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
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<tbody>
<tr>
<td>CABG</td>
<td>2.4</td>
<td>2.7</td>
<td>3.2</td>
</tr>
<tr>
<td>VALVE</td>
<td>*</td>
<td>0</td>
<td>*</td>
</tr>
<tr>
<td>CABG/Valve</td>
<td>*</td>
<td>*</td>
<td>9.1</td>
</tr>
<tr>
<td>TOTAL VALVE</td>
<td>0</td>
<td>2.0</td>
<td>5.5</td>
</tr>
</tbody>
</table>

SOURCE: Pennsylvania Health Care Cost Containment Council

*Not enough data to reach a statistically significant conclusion

1 PHC4 Cardiac Surgery in Pennsylvania 2008-2009
2 PHC4 Cardiac Surgery in Pennsylvania 2008-2009
3 STS Database, period ending June 30, 2011
VASCULAR SURGERY

Our vascular surgeons perform all the latest percutaneous and minimally invasive options for vascular disease, including carotid stenting. In 1999, we performed the area’s first minimally invasive stent grafting for abdominal aortic aneurysms. We have the fifth-largest vascular program in Pennsylvania. Our carotid endarterectomy program in FY11 ranked in the top 5 percent for mortality of the 100+ hospitals in the University Health System Consortium. Our vascular laboratory is accredited by the Intersocietal Commission for the Accreditation of Vascular Laboratories.

ACUTE AORTIC TREATMENT
We treat aortic emergencies, including dissections, ruptures, intramural hematomas and penetrating aortic ulcerations. We are able to offer complex stent graft repair and thoracic stent grafts because of collaboration between our vascular and cardiothoracic surgeons. With percutaneous valve therapies on the horizon, this collaborative approach is being developed as a national model.

MINIMALLY INVASIVE SURGERY FOR FRAGILE PATIENTS
Advanced minimally invasive options, including carotid stenting, are available for patients who have had a stroke, are at high risk for stroke, or who are too fragile for surgery.

PERIPHERAL ARTERIAL DISEASE
We offer peripheral artery angioplasty and stenting as well as laser angioplasty to open blocked arteries that cause claudication.

We offer radiofrequency ablation to treat varicose veins. We also offer limb salvage surgery for diabetic foot problems as well as treatment for other vascular diseases.

1 The Morning Call, January 4, 2000
2 UHC Quality and Safety Management Report, July 2010-June 2011
MULTIDISCIPLINARY SPECIALIZED PROGRAMS

PACER/ICD LEAD REMOVAL
Lehigh Valley Health Network’s cardiac lead removal program has grown as has the use of implantable cardiac resynchronization therapy defibrillators, cardioverter defibrillators and pacemakers. Our physicians in cardiac surgery and electrophysiology use lasers to safely and effectively dissolve binding fibrous tissue around leads. We also have a complement of lead extraction products for calcific tissue and femoral approaches. As in any procedure, individual patient factors are evaluated to determine viability to proceed with a lead removal procedure.

KEEPING WOMEN HEART HEALTHY
Because women have special cardiovascular risks and needs, our health network is creating a program just for them. Operated by two female cardiologists, this program will provide patient care, community outreach and educational activities to identify and treat patients who have heart disease or are at risk for developing it. Collaboration with colleagues in OB/GYN, maternal-fetal medicine, bariatrics and diet/nutrition will give women access to critical resources with the goal of keeping them as healthy as possible at every stage of life.

TREATING HYPERTROPHIC CARDIOMYOPATHY
We care for and educate patients with hypertrophic cardiomyopathy (HCM), the leading cause of sudden cardiac death in young people who often have no symptoms. Last year, we evaluated more than 100 patients and performed 20 myectomies to remove portions of patients’ septums that were restricting blood flow. Because HCM is transmitted genetically, people with a family history of HCM or sudden cardiac death should be tested.

SMARTHEART CARDIOVASCULAR RISK MANAGEMENT
SmartHeart is a lipid management and risk-reduction program for people at risk for heart and vascular disease, especially those with recalcitrant lipid levels or inherited lipid abnormalities. Using historical information, lab data and advanced imaging, we determine people’s risk for cardiovascular disease, and plan programs of education, lifestyle changes and medical interventions to help them improve their health. SmartHeart is managed by a cardiologist who is board-certified in clinical lipid management and a nurse practitioner with expertise in lipid management and cardiovascular risk assessment.

HEARTAWARE RISK ASSESSMENT
In 2011, Lehigh Valley Health Network launched HeartAware, a free, online cardiovascular risk assessment. Everyone who completes the HeartAware risk assessment receives a customized report to learn how to become more heart healthy. Those determined to be at risk for heart disease are offered a free appointment with a nurse. Their blood pressure and cholesterol are checked, and they receive additional information on how to control risk factors. If the appointment determines an elevated risk for developing heart disease, the person can see his primary care physician or get an appointment with a HeartAware primary care provider or cardiologist.
RESEARCH AND EDUCATION

CARDIOLOGY FELLOWSHIP PROGRAM
Our three-year cardiology fellowship, launched in 2007, was the first one of its kind in the Lehigh Valley. In July 2011, the program expanded from 12 to 15 fellows. The program is accredited by the Accreditation Council of Graduate Medical Education for five years, the maximum allowed.

The cardiology fellowship meets a critical need in the region as the population ages and requires advanced clinical therapies. Our program is one of just 14 cardiology fellowships in Pennsylvania. It is evidence of the health network’s commitment to professional education and research, which includes our Cardiovascular Research Institute.

CARDIOVASCULAR RESEARCH INSTITUTE
The Cardiovascular Research Institute (CVRI) aids in the development of new therapies that potentially offer patients new treatment options and better outcomes. The CVRI participates in national and international research studies of medications and devices to treat heart failure, arrhythmias, ischemic heart disease, acute myocardial infarction, carotid artery disease and abdominal aortic aneurysms.

We are one of approximately 15 health care organizations nationwide recruiting patients for Defeat-HF (Determining the Feasibility of Spinal Cord Neuromodulation for the Treatment of Chronic Heart Failure). This is a prospective, randomized study evaluating the clinical feasibility of spinal cord stimulation to improve symptoms of heart failure. The study will assess the potential for spinal cord stimulation to become another device therapy option for the growing population of heart failure patients.

AAHRPP ACCREDITATION
Lehigh Valley Health Network is accredited by the Association for the Accreditation of Human Research Protection Programs. AAHRPP accreditation ensures that all research participants at the health network receive the highest level of protection, above and beyond the requirements of the federal regulations.

PUBLICATIONS
Many of the cardiologists at Lehigh Valley Health Network are actively involved in clinical research and publications. To read a complete list of these publications for the years 2009-2011, visit lvhn.org/cardio-publications.
**The Heart and Vascular Center**

**Lehigh Valley Hospital–Cedar Crest**

The Heart and Vascular Center at Lehigh Valley Hospital–Cedar Crest has been the region’s leader in cardiovascular care and clinical innovation since it opened in the early 1970s. The specialists here continue to introduce new technology and techniques in interventional cardiology, electrophysiology, cardiothoracic surgery and vascular surgery. A hallmark of our recent developments has been collaboration between specialists to help people with heart failure, hypertrophic cardiomyopathy, lipid management and complications of pregnancy as well as other cardiovascular concerns.

The Center’s five cardiac catheterization labs are equipped with digital imaging systems. One of the labs has equipment to perform peripheral diagnostics and angioplasties. There are two electrophysiology labs for diagnosing and treating arrhythmias and other electrical problems. Bypass, valve, minimally invasive and other types of heart and vascular surgery are performed in four cardiac surgery suites. A hybrid operating room is under construction and expected to be completed in early 2012.

**Lehigh Valley Hospital–Muhlenberg**

The Heart and Vascular Center at Lehigh Valley Hospital–Muhlenberg has two cardiac catheterization labs and an electrophysiology room that provide a base for interventional and electrophysiology specialists to perform the latest diagnostic and therapeutic procedures using digital equipment.

Medical, interventional and surgical cardiac and vascular patients are cared for in a spacious intensive care unit and cardiovascular care unit, which feature the “universal bed” concept of keeping patients in one unit throughout their stay.

All patient rooms are private, and patients and families report a high level of satisfaction with the staff, facilities and physicians in the Heart and Vascular Center. Patients at the Muhlenberg site also have access to innovative collaborative programs for pregnancy and heart disease, hypertrophic cardiomyopathy, valve disease, advanced heart failure and lipid management.
KEY SERVICES AND CONTACT NUMBERS

One-Call Patient Transfer: 610-402-6100 or 1-800-280-5524, 24 hours a day, seven days a week

Lehigh Valley Health Network’s Transfer Center expedites patient transfers with streamlined, centralized services. Staffed with critical care nurses, the Transfer Center: connects physicians with a transfer nurse who gathers information about the patient and the physician’s transfer preferences; can dispatch our MedEvac helicopter or assist with ground transportation; accepts any acute, critical transfer without requiring precertification; allows physicians to choose the physician or group to whom the patient will be referred; and coordinates physician communication prior to the patient’s transfer.

One-Call Direct Admit: 610-402-4508

Physician-to-physician consultation and referral

1-800-LVH-2040

On-call admissions or scheduling diagnostic testing

610-402-TEST

Lehigh Valley Hospital–Cedar Crest cardiac cath lab

610-402-8828

Lehigh Valley Hospital–Cedar Crest EP lab

610-402-5339

Lehigh Valley Hospital–Muhlenberg cardiac cath/EP lab

484-884-7020

Lehigh Valley Hospital–Cedar Crest and Muhlenberg Heart Station

(610-402-TEST)

(nuclear stress tests, holter monitor, 2D echo, Doppler, stress echo, TEE)

Lehigh Valley Hospital–Cedar Crest cardiac rehabilitation

610-402-5915

Lehigh Valley Hospital–Muhlenberg cardiac rehabilitation

484-884-2559

Heart and Vascular Center administrative offices

610-402-7150

Transcatheter valve program

610-402-TAVR

Hackerman-Patz House

610-402-CARE

(Overnight accommodations for patients/guests)

INFORMATION FOR YOUR PATIENTS

If your patients have questions about Lehigh Valley Health Network’s services, you may direct them to call 610-402-CARE.

Your patients can view animations of cardiovascular conditions and treatments by going to lvhn.org/lvhn/Healthy_You/Your_Body_in_3-D.