

Greetings!

Welcome to our new heart health newsletter! Inside, you will find information on services the UK Gill Heart Institute has to offer. This first edition will cover our new cardiac rehabilitation program, our new cardiovascular imaging program and pacemakers, as well as highlight our newest doctors. For a brochure on the Gill Heart Institute, please call **859-257-1000** or toll free **1-800-333-8874**.

Sincerely,



David Moliterno, MD
Chief of Cardiovascular Medicine

UK Advanced Cardiovascular Imaging offers a less-invasive look inside

Advanced cardiovascular imaging uses computed tomography (CT) scans and MRI (magnetic resonance imaging) to take a picture of your heart. CTs and MRIs are less invasive than a cardiac catheterization and offer early detection and precise diagnosis of a variety of heart problems.

Mushabbar Syed, MD, program director, and our team of highly



UK Advanced Cardiovascular Imaging Program is located in the Gill Imaging Center.

trained cardiologists and radiologists will perform and read the studies in collaboration with the courteous, professional staff. The staff includes nurses and techs with specialized training in cardiac imaging.

The UK Advanced Cardiovascular Imaging Program offers complete cardiac imaging services to detect heart disease at the earliest stages, when treatment can be most effective, as well as the latest approaches for the assessment of patients already known to have cardiac disease.

Thorough cardiac evaluations allow physicians to develop the most effective plan of care for each patient. The brand-new, state-of-the-art imaging center

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New Physicians



Samy Claude Elayi, MD

Medical degree: Necker-Enfants Malades, Paris, France

Residency degree: Necker-Enfants Malades, Paris, France

Fellowship: Division of Cardiac Electrophysiology and Pacing, Cleveland Clinic, Cleveland; Necker-Enfants Malades, Paris, France

Clinical interests:

- Electrophysiology
- Pacing



Alison L. Bailey, MD

Medical degree: UK College of Medicine

Residency degree: UK Albert B. Chandler Hospital

Fellowship: UK Albert B. Chandler Hospital

Clinical interests:

- Prevention
- Women and heart disease
- Bleeding and transfusion in clinical medicine

Certifications: Internal medicine

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Winter 2009

Spotlight on Heart Health

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also offers patients the option of taking part in research. The UK Advanced Cardiovascular Imaging Program is located in the Gill Imaging Center. For an appointment with Dr. Syed, please call **859-257-1000** or toll free **1-800-333-8874**.



The Gill Imaging Center houses a brand-new 64-slice CT scanner.

Cardiac rehabilitation: Safely making your way to recovery

Cardiac rehabilitation is a comprehensive program that provides medical evaluation, supervised exercise, risk-factor modification, medication optimization and education to people who have suffered a cardiac event. Studies have concluded that cardiac rehabilitation offers a 20 to 25 percent survival benefit to participants and lowers the risk of another cardiac event.

The Gill Heart Institute's Cardiac Rehabilitation Program is conveniently located in UK Good Samaritan Hospital's Professional Arts building, Maxwell Street in Lexington. The staff includes program director Alison L. Bailey, MD, an exercise physiologist, cardiac nurse and a rehabilitation assistant. Dietary consults will also be available for each patient.

A variety of equipment is used in cardiac rehabilitation, including treadmills, elliptical trainers, stationary bicycles and a weight system. During each session, the patient is monitored by the staff to ensure safety as well as progress. For a brochure on the Gill Heart Institute Cardiac Rehabilitation Program, please call **859-257-1000** or toll free **1-800-333-8874**.

Electrophysiology: Getting the heart back into rhythm

Electrophysiology is the study of the electrical system of the heart. If there is a disturbance in the electrical system, you may need a pacemaker, implantable

cardioverter defibrillator (ICD) or an ablation in order to fix the problem. Pacemakers and ICDs are small devices that can be implanted into the body to send electrical impulses to the heart muscle. This is done to maintain a suitable heart rate and rhythm. Pacemakers and ICDs are implanted during a minor surgical procedure. A pacemaker is used when the heart beats too slowly, and an ICD is used when the heart beats too fast.

Cardiac ablations are performed to fix a "short circuit" in the heart. The short circuit may cause an abnormal rhythm. A cardiac ablation will eliminate the faulty circuit and return the heart to normal function. For a free fact sheet on electrophysiology, please call **859-257-1000** or toll free **1-800-333-8874**.

Congenital heart program: Using expertise to advance care

UK HealthCare now offers a multidisciplinary team approach for the care of adult patients with complex congenital heart disease. This program, led by Jorge Alegria, MD, features a team of adult and pediatric cardiologists. This team functions with the support of advanced cardiovascular imaging, including state-of-the-art CT and MRI.

Interventional catheterization procedures are also performed for congenital heart defects. Our surgical team is headed by Dr. Mark Plunkett, who recently joined UK from UCLA. Dr. Plunkett has extensive expertise in congenital heart surgery in both children and adults.

The Gill Heart Institute also has the support of high-risk obstetrics for the care of pregnant women with congenital heart disease.

For an appointment with Dr. Alegria, please call **859-257-1000** or toll free **1-800-333-8874**.

New Physicians

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Lawrence Rajan, MD

Medical degree: Royal College of Surgeons, Dublin, Ireland

Residency degree: Richmond Hospital, Dublin, Ireland

Fellowship: Mayo Clinic, Rochester, Minn.; Texas Heart Institute, Houston

Clinical interests:

- Peripheral vascular interventions
- Coronary interventions