

# Advanced, Less Invasive Cardiac Imaging Available

## Partnership between cardiologists, radiologists results in better care

When heart disease develops, symptoms aren't always typical, and the diagnosis may not be obvious for physicians.

If discovered late, the interventions that might have helped in the early stages of the disease may no longer be as effective.

UC Health cardiology is partnering with UC Health radiology to offer the latest imaging technologies to improve diagnosis and deliver the appropriate therapies earlier.

Robert O'Donnell, MD, a new UC Health cardiologist primarily working in advanced cardiac imaging, says that

the technology available at University and West Chester Hospitals will allow physicians to identify heart disease using the latest non-invasive tests.

O'Donnell plans to expand the roles of cardiovascular magnetic resonance imaging (MRI) and cardiovascular computed tomography (CT) as well as cardiac positron emission tomography (PET) in evaluating patients at UC Health facilities.

"The images produced by these powerful diagnostic tools can help guide the treatment plan to best suit each patient's individual needs," he says. In addition, O'Donnell says that the information acquired can play a role in clarifying the disease progression of patients and allowing physicians to conduct cardiovascular research more efficiently.

"We are also reaching out to collaborate with Cincinnati Children's Hospital Medical Center, which has a well established advanced cardiovascular imaging program," he says. "Our hopes are to collaborate both clinically and academically but we will focus on the transitional area of adult cardiac imaging."

Neal Weintraub, MD, director of cardiovascular diseases at UC Health, says that combining the skills of both radiologists and cardiologists is a collaboration unlike others in the area and will provide the best outcomes for cardiac patients.

"We're putting the expertise of two academic departments together for a partnership that strengthens our cardiovascular disease program," he says. "It also ties into the overall strength of the UC Health system: Collaboration among specialties. We're bringing imaging and cardiac care together to make earlier diagnoses and deliver faster treatments." ●

**Combining the skills of both radiologists and cardiologists is a collaboration unlike others in the area and will provide the best outcomes for cardiac patients.**



Radiologist Sangita Kapur, MD (seated), collaborates with cardiologist Robert O'Donnell, MD.

*Cardiovascular imaging techniques provided within UC Health include:*

- Cardiovascular Magnetic Resonance Imaging (MRI)
- Cardiovascular Computed Tomography (CT)
- Echocardiography
- Intravascular Ultrasound
- Optical Coherence Tomography (OCT)
- Positron Emission Tomography (PET)
- Single Photon Emission Computed Tomography (SPECT)

### >> APPOINTMENTS & REFERRALS

More information on cardiology and cardiac imaging services is available at [ucphysicians.com](http://ucphysicians.com).