



Radiology & Imaging images

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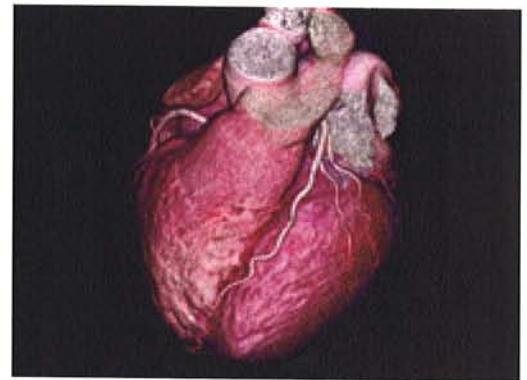
Take a look at your heart with Coronary CT Angiography (CCTA) at Radiology & Imaging

By Anthony N. Hein, MD

13 million people in the United States suffer from coronary artery disease (CAD) and 500,000 will present with an acute myocardial infarction as first presentation. 150,000 will present with sudden death.

Enter the multidetector cardiac coronary computed tomography angiographic (CCTA) study. A noninvasive means to assess a patient's degree or absence of CAD. All of this is accomplished without an invasive arterial groin puncture and its attendant risks.

The technique of the exam is straightforward. One hour prior to exam, patients receive a pill to lower the heart rate to <70 bpm. Sublingual nitroglycerin (NTG) is employed. Medications are provided in a monitored setting with a nurse. Perhaps the most difficult restriction is no caffeine 12 hr before the exam. Some scout and positioning series are performed and then the scan itself which takes less than 15sec.



Images are then processed with a dedicated workstation. Source images are also evaluated for possible ancillary findings.

Radiology and Imaging is proud to be the first freestanding imaging center to offer 64 channel multidetector CT technology for outpatient imaging in Corpus Christi. In addition to cardiac applications, this CT is well capable of performing other vascular CT angiography exams and advanced applications.

Meet Dr. Anthony N. Hein



Dr. Anthony N. Hein is a diplomate of the American Board of Radiology (ABR), In addition to being a diagnostic radiologist, he also is sub-specialty trained in Vascular and Interventional Radiology with a Certificate of Added Qualification from the ABR. Dr. Hein earned his medical degree from the University of California, Los Angeles, School of Medicine. He did his Internship at Cedars-Sinai Medical Center in Los Angeles. His residency in Diagnostic Radiology and his fellowship in Vascular and Interventional Radiology were both performed at Mallinckrodt Institute of Radiology at Washington University Medical Center in St. Louis, Missouri.





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www.radiologyimaging.com

We Welcome your feedback and suggestions about this newsletter and our services. Please call us at (361) 888-6684

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Williams Imaging Center
7101 Williams Dr.
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1533 5th St.
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(361) 880-SCAN (7226)
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South Imaging Center
2825 Spohn South Drive
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(361) 991-9595

Central Scheduling
To schedule an exam, please call:
(361) 888-8875

Business Office
3226 Reid Dr.
Corpus Christi, TX 78404
(361) 853-4503
(361) 853-4454 Fax



RADIOLOGY & IMAGING
OF SOUTH TEXAS, L.L.P.

New Southside Opening!

Radiology & Imaging is very proud and excited to announce the upcoming opening of our third state of the art imaging center conveniently located at **2825 Spohn South Drive**.

Imaging studies play a crucial role in medicine, assisting both primary care physicians and specialists in diagnosis of their patients and helping to guide treatment options.

You will find when a patient visits **Radiology & Imaging** for a medical imaging exam; we are focused on making each person's experience a pleasant one in our comfortable, caring and safe environment. Our sub-specialty trained radiologists are focused on imaging excellence, which allows us to provide the most accurate diagnosis for every individual, every time.

We recognize the need to provide our patient's with leading edge technology. Our newest center will feature a **Women's Imaging Suite** designed for the comfort and convenience of our female patients, and includes full-field digital screening and diagnostic mammography.

Additional services that will be available to our patient's at our new center include **wide-bore MRI, CT, X-ray, Fluoroscopy, Ultrasound, Nuclear Medicine, and Bone Density**.

Please call our central scheduling number at **888-8875** to schedule your next imaging experience at any of our three convenient locations: Spohn South Drive, Alameda and Williams.



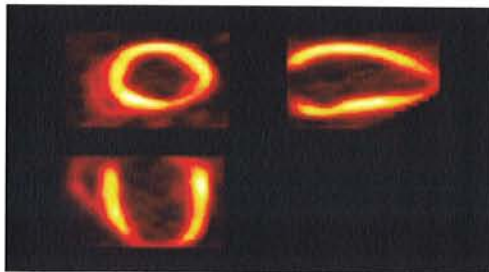
PET Case Study

History

A 50-year-old female with history of heart disease waiting for possible cardiac transplant.

Original Diagnosis

Thallium scintigraphy found large non-reversible defect; myocardium judged non-viable.



PET Findings

FDG PET scan found good viability throughout the myocardium except for a small part of the apex.

Change in Treatment

Conventional treatment plan based on single photon nuclear medicine study would have been placing the patient on transplant waiting list. After PET, coronary artery bypass graft was performed resulting in improved cardiac function. Patient had significant improvement in quality of life.

Courtesy of

Amjad Ali, M.D., Rush-Presbyterian-St. Luke's Medical Center

Funny Bones

- Anti-Body:** against everyone
- Cardiology:** advanced study of card games
- Congenital:** friendly
- Cortisone:** the local courthouse
- ICU:** caught you
- Organic:** organ repairman
- Protein:** in favor of young people (pro-teen)
- Saline:** where you go on your boyfriend's boat (sailing)