

# 64-Slice CT Technology

*at Community Medical Center*

A revolutionary new diagnostic imaging system — with the potential to transform the way doctors are able to diagnose and treat heart disease, stroke and other life-threatening illnesses — is now available at Community Medical Center.

The hospital is one of the first in the region to offer the innovative GE LightSpeed Volume Computed Tomography (VCT) 64 slice system, hailed as a highly-effective screening tool with the ability to detect, and in some cases even predict, serious medical conditions before symptoms occur.

The new LightSpeed VCT is able to noninvasively capture any organ in just a second or two, scan the whole body in less than 10 seconds, and capture images of the heart and coronary arteries in fewer than five heartbeats, something no other CT system can offer.

**This new technology allows for acquisition times twice as fast as conventional CT's and provides clear, detailed, images. Studies that can be performed include:**

- ❖ Five Beat Cardiac: A comprehensive view of the heart and coronary arteries in five seconds. It provides clearer images and shorter breathe hold for sick and elderly patients.
- ❖ Stroke Work Up: The ability to obtain anatomical and functional information in a single acquisitions, including CTA and perfusion.
- ❖ CTA: Screening examinations for aneurysm / AVM.
- ❖ CTA: For renal donor evaluation, peripheral vascular disease, and renal artery stenosis.



#### **A Note About Insurance**

Please note that verification with your patient's insurance company for covered services must occur prior to scheduling. As this is a new modality, cardiac CTA is not covered by several payers. At many sites, patients are choosing to pay for this test.

**A dedicated CT scheduling line will be used for all scheduling needs at 732.557.8031. For any questions regarding your CT needs, or the cost of the procedure both technical and professional, please call Mary Tesoriero at 732.557.8154.**