

CARDIAC IMAGING

64-SLICE CARDIAC CTA AT MONMOUTH MEDICAL CENTER

The addition of Philips Brilliance CT 64-Slice reaffirms Monmouth Medical Center's standing as a leading provider of cardiac care in the region and expands a robust program that features the most expansive diagnostic and interventional cardiac modalities available at an academic medical center. The Phillips Brilliance CT 64-Slice is one of the most advanced CT systems and expands the hospital's clinical boundaries in cardiac and pulmonary imaging, and delivers image quality, dose efficiency and rapid reconstruction times.

Patient Advantages:

- Quick and non-invasive imaging, requiring only an intravenous line placement.
- The ability to create a 3-D picture of the heart, the capacity to determine blockages in the coronary arteries, and to view the sizes of the cardiac chambers.
- Offers accurate and unique information of the coronary arteries including narrowing, and type and degree of plaque (or blockages), allowing for more accurate diagnosis and better treatment planning.
- One of the most sensitive tests for detection of coronary artery disease, CTA can noninvasively exclude the disease.

**Monmouth
Medical Center**

**RWJBarnabas
HEALTH**

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Cardiac CT Clinical Indications:

- Exclusion of coronary artery disease in the low-to-intermediate-risk patient it is the best test that is now available with a negative predictive value approaching 99 percent. It can visualize early disease before it is detectable on cardiac catheterization.
- Evaluation for cardiac/pericardial anatomic abnormalities including masses, thrombi, etc.
- Detection of coronary artery anomalies.
- Detection of aortic anomalies.

A Note About Insurance

Verification with your patient's insurance company for covered services must occur prior to scheduling. Cardiac CTA is not covered by several payors.

A reduced self-pay rate of \$675, that includes both professional and technical components, is now available for patients who choose to pay for a 64-slice Cardiac CTA should their insurance provider deem it a non-covered service.

To refer a patient for a 64-Slice Cardiac CT, call Cardiac Services at Monmouth Medical Center at 732.923.6546.