

## **NEW 64-SLICE CAT SCANNER PUTS PHOENIX BAPTIST ON FOREFRONT OF MEDICAL DIAGNOSIS**

PHOENIX (Sept. 3, 2005) - **Phoenix Baptist Hospital**, an affiliate of Abrazo Health Care, has acquired the latest in CAT (CT) Scanner technology from Toshiba America Medical Systems, Inc. The new system will allow Phoenix Baptist to provide state-of-the-art imaging technology.

Technology that may eliminate the need for often-painful cardiac catheterization procedures was unveiled at Phoenix Baptist Hospital (PBH) this week, with the introduction of the new 64-slice CT scanner.

This new scanner will eventually enable PBH physicians to detect signs of heart disease by quickly and easily capturing images of the heart and coronary arteries that can be analyzed for the presence of soft plaque or coronary blockage.



*The Aquilion™ CFX 64-slice CT system*

The Aquilion™ CFX 64-slice CT system, manufactured by Toshiba, creates three-dimensional images of organs and structures and in some cases may be used in place of more invasive procedures such as cardiac catheterization or angiograms to check for arterial blocks. For instance it may be used for emergency chest pain patients to qualify them for the more invasive cardiac catheterization procedures, but some believe that this technology may eventually replace these procedures because it is so much quicker and safer.

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## 64-Slice CT Scanner

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Take 2

The new scanner takes a complete picture within seconds, whereas a traditional cardiac catheterization procedure requires sedation and much more time, with a dye released in the body through a thin tube to create x-rays during several minutes of radiation.

“Given the choice of a catheter through the leg and threaded up to the heart versus simply taking a quick scan while holding your breath, it seems pretty clear what the less invasive option is. This offers doctors a new way to diagnose and treat our patients. With this upgrade, we’ll continue to stay at the forefront of cardiac imaging to deliver the highest level of diagnosis and treatment to our patients,” said Phoenix Baptist CEO Dennis Knox.



*The Aquilion™ CFX 64-slice CT system created these dramatically detailed images of the heart (above) pin pointing potentially life threatening blockage (lower right) appearing as a bright white spot in the vessel.*

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While a patient holds her breath for just six to ten seconds, the scanner can take superior, precise images of her heart. A cardiologist will be able to rapidly look at vessels, seeing from the inside out to identify blockages. In three-dimensional mode, an organ or other structure can be rotated to be observed from any angle. It allows physicians to capture precise images of any area of the body, including the rapidly moving heart and lungs.

PBH staff and physicians are currently training to begin the new studies soon.