

Resurrection Medical Center First in Chicago - 8th in the World - to Offer 128-Slice PET/CT Scanner Technology

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CHICAGO, July 26, 2011 /PRNewswire-USNewswire/ -- Patients at Resurrection Medical Center (RMC), part of [Resurrection Health Care](#) [1], in Chicago can now receive non-invasive, whole-body PET/CT scans in just minutes. The first of its kind in the Chicago area, and 8th in the world, the new 128-slice PET/CT scanner is a combination of PET (positron emission tomography) and CT (computed tomography) imaging techniques within a single machine.

The new scanner provides unprecedented images that allow physicians to more accurately diagnose and stage cancer, acquire multiple dimensions of the heart, or diagnose Alzheimer's disease.

"This is the premium imaging system available, and we are excited to offer this technology to patients in our community," said John Short, Senior Vice President, Operations, Resurrection Medical Center. "The clarity of the images produced by this scanner gives physicians even greater ability to accurately diagnose disease in all types of patients, at an even earlier stage, when treatment may be more effective."

PET and CT are imaging tools commonly used in detecting, diagnosing, and staging various types of disease, including cancer. The 128-slice PET/CT scanner combines two powerful imaging tools into one exam to enable physicians to more accurately detect tumors and pinpoint their precise location in the body. PET reveals the body's metabolic activity including both normal and abnormal tissue activity (tumors), while CT reveals the body's detailed anatomic structure.

The new scanner will have a substantial impact on oncology, cardiology and neurology patients.

Patient comfort is increased with the new scanner as well. Using this system, a PET/CT scan can be performed in minutes as an outpatient procedure. Also, the scanner's large opening accommodates patients up to 500 lbs. and alleviates the sense of claustrophobia some patients experience.

About Resurrec

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Links:

[1] <http://www.reshealth.org/>

[2] <http://www.bio-medicine.org/medicine-technology-1/Resurrection-Medical-Center-First-in-Chicago---8th-in-the-World---to-Offer-128-Slice-PET-CT-Scanner-Technology-19040-1/>