

PACSHEALTH DoseMonitor® SYSTEM FIRST TO INTEGRATE NATIONAL INSTITUTES OF HEALTH
COMPUTED TOMOGRAPHY DOSIMETRY SYSTEM

SCOTTSDALE, AZ, September 19, 2016 – PACSHealth, LLC, a developer of medical imaging software, said today that under an agreement with the National Institutes of Health (NIH) National Cancer Institute (NCI), its DoseMonitor® application will be the first software application worldwide to incorporate the NCI dosimetry system for computed tomography (NCICT) for patient radiation dose monitoring. DoseMonitor automates the collection and reporting of medical imaging radiation dose indices to meet regulatory and operational compliance requirements in the US and abroad.

“The integration of NCICT into DoseMonitor significantly enhances its value providing seamless, rapid, and automated calculation of organ dose without the need for cloud computing or local hardware,” said Steve Massey, VP of Product Development, PACSHealth, LLC.

NCICT is a graphical user interface-based computer program designed to estimate dose descriptors including organ doses for patients undergoing CT scans.

NCICT uses the latest computational human phantoms, the most realistic anatomical surrogates for patient anatomy to date, created from patient CT images for both standard and non-standard body sizes, which include the International Commission on Radiological Protection (ICRP) reference pediatric and adult phantoms and a comprehensive library of body size-dependent phantoms covering 350 pediatric and adult phantoms with varying height and weight.

More than ten papers have been published in peer-reviewed journals on the fundamental dosimetry methods and experimental validation for NCICT.

About PACSHealth, LLC

PACSHealth, LLC, www.pacshealth.com, is a Scottsdale, AZ-based software development company that develops medical imaging technology. PACSHealth, LLC includes the PHS Technologies Group, LLC division which develops advanced solutions that help hospitals manage patient radiation exposure and comply with regulatory requirements and industry guidelines.

More information regarding DoseMonitor can be found at www.dosemonitor.com

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