Innovative research using QC-Track for automated phantom analysis in nuclear medicine accepted for presentation at AAPM Annual Meeting

Atirix Medical Systems, Inc. is pleased to announce that an abstract submitted by Erik Tazegul, Atirix Research Analyst, on using QC-Track for automated phantom analysis in nuclear medicine QC, has been accepted for an oral presentation at the 2019 American Association of Physicists in Medicine Annual Meeting taking place July 14 through 18 in San Antonio, TX.

The research, "Automated Phantom Analysis for Gamma Cameras – An Efficient, Accessible, Consistent, and Sensitive Method for Quality Control," demonstrated that QC-Track's Automated Phantom Analysis module can be used to quantitatively analyze image quality and resolution of gamma cameras as part of an institution's routine QC process. The QC-Track module processes the Jasczak and bar phantoms commonly used in nuclear medical quality control and reliably returns results that are consistent with human analysis and have greater resolution.

"Automating the phantom analysis is important for efficiency and consistency," said Angela Snyder, PhD, Atirix VP of Research. "However, more important are the resolution improvements which make it possible to identify subtle performance changes. This approach addresses the coarseness inherent in the phantoms used in nuclear medicine."

This research has been a collaborative effort between the Atirix Medical Systems research team and the University of Virginia Health System medical physics team. Erik's presentation will take place Sunday, July 14 during the nuclear medicine session.

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Atirix offers products to diagnostic imaging centers to improve productivity and ensure compliance with federal, state and local regulations. The patented QC-Track system, originally released at RSNA 2008, is a modular intranet Quality Control Information System™ (QCIS) for paperless device quality control, ACR CEU/CME and exam tracking, apron tracking and QC event tracking. Hospitals, clinics and academic imaging centers, including many of the largest U.S. healthcare systems, use Atirix products for day-to-day radiation safety, quality control and regulatory reporting needs. The QC-Track system is available in the U.S. and Canada from Atirix.

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