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PerkinElmer to Showcase New Flat Panel X-Ray Detectors at RSNA 2014

Expanded portfolio of amorphous silicon (a-Si) and CMOS flat panel X-ray detectors for digital radiography and fluoroscopy

WHAT: PerkinElmer, Inc., a global leader focused on improving the health and safety of people and the environment, today announced that it will showcase its new products XRpad™ 4343, XRD 4343RF and Dexela 2321 at the annual Radiological Society of North America (RSNA 2014) exhibition in Chicago, USA.

PerkinElmer has deployed more than 35,000 X-ray detectors as X-ray system components for medical, dental, veterinary and industrial testing and brings over 20 years of experience collaborating with customers to integrate flat panel components for X-ray applications such as digital radiography and fluoroscopy.

"As a leader in innovative X-ray imaging technology, we look forward to participating in this international exhibition for medical equipment manufacturers and health care providers," said Brian Giambattista, President, Medical Imaging for PerkinElmer. "Our technologies help address key issues such as the need for lower radiation dose, excellent image quality and reduced costs."

AT RSNA: Please visit PerkinElmer's booth (South Hall A, Booth 5709) at RSNA on November 30 - December 5 to learn more about PerkinElmer's XRpad™ family of wired and wireless, lightweight, cassette-sized flat panel detectors:

XRpad® 4336: This wireless, portable detector is designed for digital radiography applications and features a 100 µm pixel pitch, a directly deposited CsI scintillator, Automatic Exposure Detection (AED), and exceptional image quality.

XRpad® 4343 F: This wired cassette-sized detector is designed for digital radiography and features a 100 µm pixel pitch, a directly deposited CsI scintillator, Automatic Exposure Detection (AED), and exceptional image quality.

PerkinElmer will also be previewing new flat panel dynamic detector s for mobile C-arm and radiography and fluoroscopy (R&F) systems:

Dexela™ 2321 (in development): State-of-the-art 23 cm x 21 cm real-time X-ray detector design for use as a component in mobile C-arm and other fluoroscopy systems. This detector has CsI scintillator and exceptional low dose DQE. It will employ advanced, low noise CMOS image sensor technology.

XRD4343RF (in development): This 43cm x 43cm detector is intended for use as a component in radiography and fluoroscopy systems. The design will enable enhanced performance providing outstanding X-ray imaging for both fluoroscopy and radiography applications.

MORE: PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The Company reported revenue of approximately $2.2 billion in 2013, has about 7,600 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through 1-877-PKI-NYSE, or at www.perkinelmer.com.

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