



May 28, 2014

## PerkinElmer to Showcase Medical Imaging Technologies at Africa Health Congress

### Expansive Portfolio of Flat Panel X-ray Detectors Supports Wide Range of Applications

**WHAT:** [PerkinElmer, Inc.](#), a global leader focused on the health and safety of people and the environment, today announced that it will highlight several of its medical imaging solutions at the [Africa Health Congress](#) in Johannesburg from May 29-31, 2014 (Hall 2, Booth 2D10).

With more than 35,000 x-ray detectors deployed as components of systems for medical, dental, veterinary and industrial testing, PerkinElmer is a leader in innovative digital imaging technology.

"We are pleased to participate in this international event as a platform for sharing our digital x-ray detectors with manufacturers, distributors, service providers and healthcare industry professionals," said Brian Giambattista, President, Medical Imaging for PerkinElmer. "Our solutions address many challenges faced by medical imaging professionals, including the need for lower radiation dose, excellent image quality and reduced costs. They also support a variety of applications, including digital radiography, cardiology, fluoroscopy, dental, mammography, and industrial testing."

**AT  
AFRICA  
HEALTH:**

Please visit PerkinElmer's booth to preview the following products currently in development for use as x-ray system components:

[DEXELA™ 232](#) is a 23cm x 21cm CMOS detector designed for real-time medical imaging x-ray systems including mobile C-arm, cardiology and fluoroscopy. It employs large-area CMOS image sensor technology to provide excellent image quality even at low dose levels.

[DEXELA™ 1313](#) is a 13cm x 13cm high resolution, high speed, low noise CMOS detector. With excellent sensitivity and image quality, it is designed for incorporating into x-ray systems for breast biopsy and dental CT applications. The novel pixel design allows the detector to be used in 50µm or 100µm modes without degrading image quality. A high speed 'region of interest' mode permits dental panoramic and CT imaging to be performed with the same detector.

Conference attendees can also visit PerkinElmer's booth to learn more about PerkinElmer's XRpad™ family of wired and wireless, lightweight, cassette-sized flat panel detector components for digital radiography:

[XRpad™ 4336](#) provides exceptional image quality at lower cost and fits into a conventional table or wall-stand Bucky, similar to a film-screen cassette. It also includes a 15 million pixel image matrix, a best-in-class 100 µm pixel pitch, Automatic Exposure Detection (AED) and a direct deposited CsI scintillator.

[XRpad™ 434B](#) (currently in development): features an 18.7 million pixel image matrix, a 100 µm pixel pitch, a direct deposited CsI scintillator, Automatic Exposure Detection (AED), and exceptional image quality.

[XRpad™ 3025](#) (currently in development): features a 7.7 million pixel image matrix, 100 µm pixel pitch, a direct deposited CsI scintillator. The PerkinElmer XRpad 3025 provides exceptional image quality. Single-piece carbon-fiber construction for the front and back housing allows for easier placement and cleaning and AED simplifies integration.

**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](http://www.perkinelmer.com).

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