

Innovative Technology to Improve Early Lung Cancer Detection Debuts at Society of Thoracic Radiology Meeting

The Associated Press

DAYTON, Ohio--(BUSINESS WIRE)--Mar 12, 2012-- Riverain Technologies' software to improve early diagnosis of potentially cancerous lung nodules using readily available chest X-ray machines has a new name.

The ClearRead Suite of products will debut in the United States March 11-14, at the Society of Thoracic Radiology (STR) Annual Meeting in Huntington Beach, Calif.

All of the software within the suite has been renamed to carry the ClearRead brand, reflecting each application's effectiveness at giving radiologists a clearer and more complete view of a patient's chest X-ray image and immediately improving the diagnostic potential of the most commonly performed imaging procedure.

-- ClearRead Bone Suppression(TM) (formerly SoftView(TM)) transforms a standard X-ray image into a soft tissue image and enables detection of 1 in 6* lung nodules that otherwise would have been missed. Bone suppression technology is used in all Riverain ClearRead software applications.

-- ClearRead +Detect(TM) (formerly OnGuard(TM)), which circles potential lung nodules on a bone-suppressed X-ray image for further evaluation by a radiologist, is the market leader in computer-aided detection (CAD) for chest X-ray. When combined, Riverain bone suppression and CAD enables detection of 1 in 2* previously missed lung nodules.

-- ClearRead +Compare(TM) (formerly DeltaView(TM)) is a temporal comparison application that electronically aligns two chest X-ray images taken on the same patient at different times, creating a subtraction image. This third image accentuates changes over time that may indicate the onset or regression of disease, including lung cancer.

"The ClearRead Suite takes ordinary X-ray images to extraordinary levels, without changes to imaging protocols, additional procedures, radiation dose to patients, and does not require investment in additional imaging hardware," said Steve Worrell, Chief Technology Officer at Riverain. "You can install the applications today and immediately significantly reduce the number of missed lung nodules." For a demonstration or additional information, visit the Riverain Technologies booth at STR 2012 or www.RiverainTechnologies.com.

* Visit <http://www.RiverainTechnologies.com/Clinical-Data.html> for sources and additional clinical studies.

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Riverain Technologies An industry leader and technology innovator, Riverain Technologies applies proprietary pattern recognition and machine learning technologies in the creation of software applications for use globally in the health care industry and beyond. The Ohio-based company has developed practical solutions to save and improve the quality of people's lives through the early detection of disease. The company's ClearRead software enhances the expert skills of radiologists to improve patient outcomes using standard chest X-ray, without additional radiation dose or procedures for patients. For more information please visit www.RiverainTechnologies.com .

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