

Discovering More.



Improved lung nodule detection



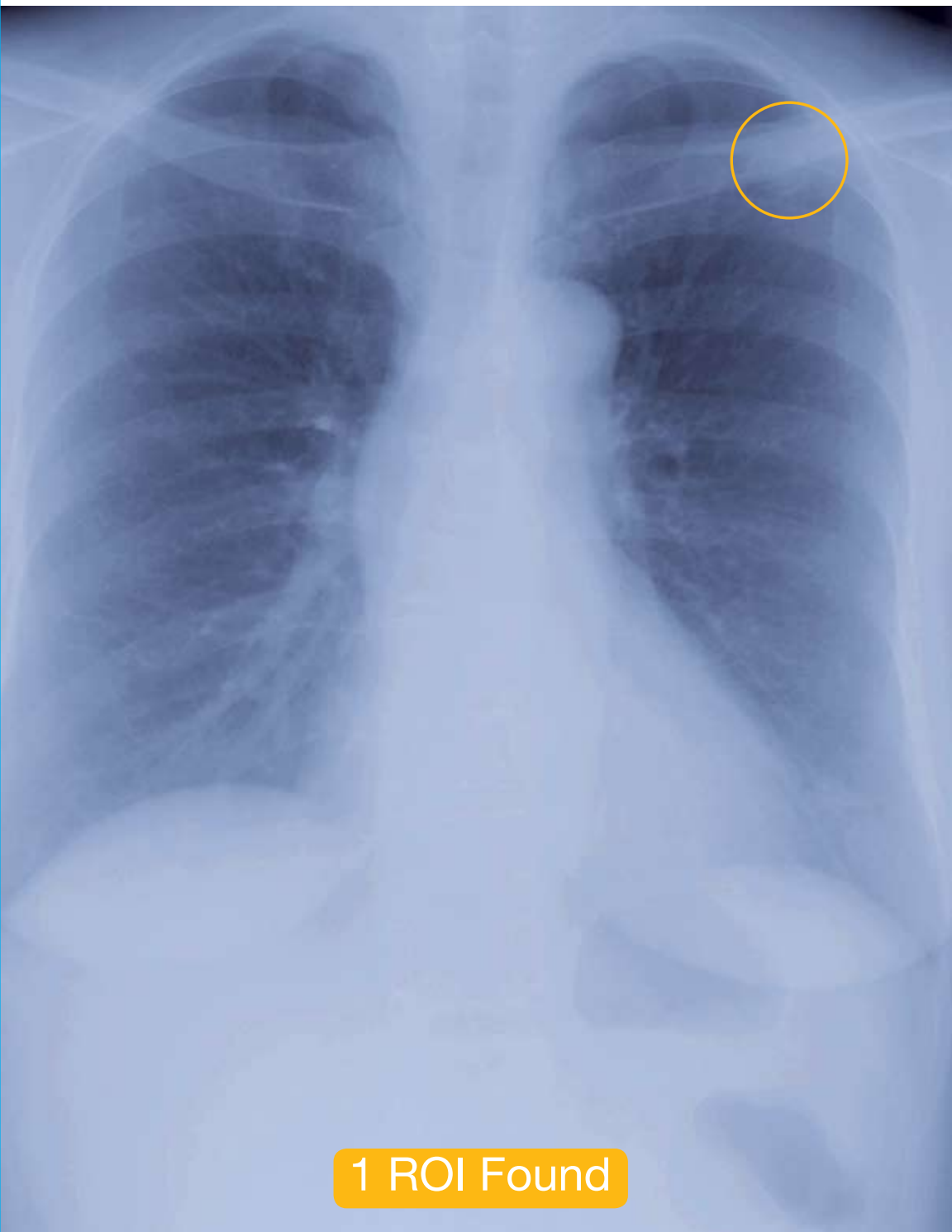
OnGuard™ computer-aided detection (CAD) for chest X-rays identifies nodules that may be early-stage lung cancer.¹ OnGuard's superior marking capability offers minimal false positives and improves nodule detection.²

Key Advantages

- Marker scales to reflect the nodule size without obscuring the boundary
- Low false positive rate and improved sensitivity for optimal performance
- Improves the detection of 9–30 mm nodules²
- Automatic display of CAD markers on existing PACS reading workstations for enhanced workflow efficiency
- Universal PACS connectivity for a quick and seamless installation
- NO additional radiation dose or patient procedures
- Uses existing chest X-ray – No additional hardware necessary

(1) <http://lungcancer.about.com/od/typesoflungcancer/a/spn.htm>

(2) Riverain Medical FDA PMA Clinical Trial



1 ROI Found

OnGuard™ Chest X-ray CAD

Early detection of lung cancer is the key to improving patient outcomes. OnGuard has demonstrated its superiority in many studies to detect nodules that may be early-stage lung cancer. A clinical trial has shown that OnGuard can assist radiologists in the detection of more nodules.¹ Multiple studies have confirmed that OnGuard can detect 37–50% of missed nodules on a chest X-ray.^{2,3}

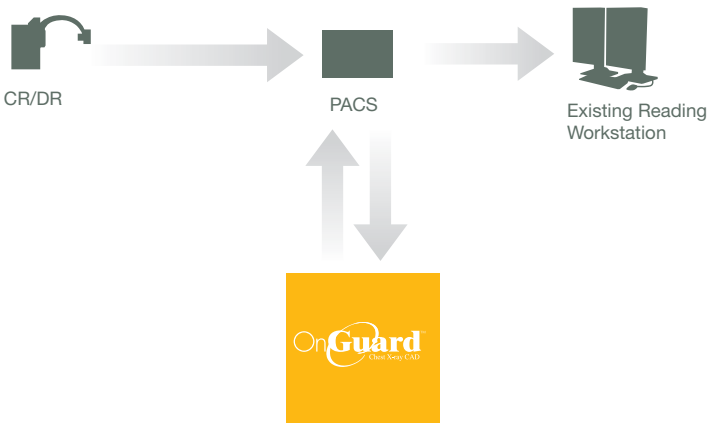


- (1) Riverain Medical FDA Clinical Trial
- (2) C. White, T. Flukinger, J. Judy and J. Chen (2009). Use of a Computer-Aided Detection System to Detect Missed Lung Cancer at Chest Radiography. *Radiology*. 252: 273-281.
- (3) F. Li, R. Englemann, C. Metz, K. Doi and H. MacMahon (2008). Lung Cancers Missed on Chest Radiographs: Results Obtained with a Commercial Computer-aided Detection Program. *Radiology*. 246: 273-280.



Enhanced Workflow

Featuring universal PACS connectivity, OnGuard seamlessly integrates into any digital radiology department, functioning with all CR and DR devices. The powerful OnGuard algorithm automatically processes chest X-rays for your interpretation within the patient series. Viewing the OnGuard marker is as easy as the click of a mouse or keyboard button, all without the need for a separate workstation.





Riverain Medical

Riverain Medical believes in doing more with less. Our technologies are designed to enhance the expert skills of radiologists using existing equipment to improve patient outcomes without additional radiation dose or procedures. We are driven to save lives by improving the detection and diagnosis of diseases and other clinical conditions. As an industry leader and technology innovator, our practical solutions provide physicians with tools to assist in image interpretation.

To learn more:

Contact us at (800) 990-3387 or visit www.riverainmedical.com.



Riverain Medical
3020 South Tech Boulevard
Miamisburg, Ohio 45342-4860
P: +1 800.990.3387 +1 937.425.6811
F: +1 937.425.6493