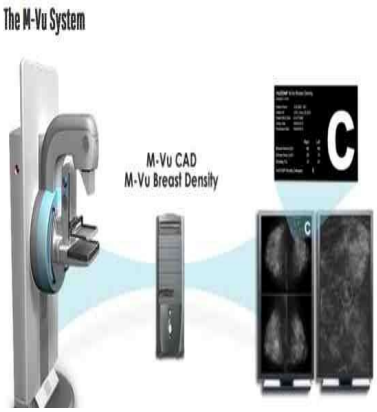
HealthManagement.org
Promoting Management and Leadership

RSNA 2014: VuCOMP Showcases Industry-Leading Computer Vision Systems for Breast Cancer Detection



VuCOMP, Inc., developer of advanced computer vision systems for the detection of breast cancer, today announced that it will be showcasing its portfolio of cutting-edge imaging products at the 100th Scientific Assembly and Annual Meeting of the Radiological Society of North America (RSNA) at McCormick Place, Chicago from 30 November to 4 December.

"RSNA provides an unparalleled opportunity to demonstrate, to the world's largest gathering of the radiology community, the latest features of our product line, as well as share what we have been developing throughout the year," said Jim Pike, President and CTO of VuCOMP.

VuCOMP will be highlighting the latest enhancements to the M-Vu® System, as well as a works-in-progress CAD solution for 3D breast tomosynthesis.

M-Vu CAD for mammography is the first mammography CAD proven effective in an FDA-approved reader study. The latest advancements, M-Vu CAD version 3.0 and 3.1, provide radiologists with a substantial reduction in false positive marks and a lower false positive rate while improving sensitivity.

Breast density notification legislatio now exists in 19 U.S. states, requiring physicians to notify women of their breast density following their mammogram. Federal legislation has been introduced and is pending. M-Vu Breast Density is designed to advance the science of automated breast density assessment. M-Vu Breast Density Version 2.0 adds a critical dimension to the analysis of dense breast tissue. The VuCOMP density category, analogous to the BI-RADS breast density composition category, is now correlated to not only the amount, but also the distribution – the actual dispersion – of fibroglandular tissue providing radiologists with a consistent and accurate result.

As 3D tomosynthesis has continued to gain widespread acceptance, there is a need for a CAD solution specifically designed to analyse the vast amount of information that tomosynthesis provides. VuCOMP engineers have been working diligently on a cutting-edge solution that is designed to identify regions of interest that are consistent with breast cancer. Ultimately, providing the radiologist with another tool precisely designed for 3D tomosynthesis. At RSNA 2014, VuCOMP will display its latest works-in-progress version of this technology.

Phil Evans, MD, FACR, Clinical Professor of Radiology, Director of the Center for Breast Care at UT

Southwestern Medical Center commented, "Because very subtle changes in breast architecture may be identified utilising tomosynthesis, computer-aided detection is likely to play an even greater role here than with 2-D mammography."

VuCOMP will exhibit at RSNA 2014, Booth# 4172, South Hall, McCormick Place.

Published on : Sat, 29 Nov 2014