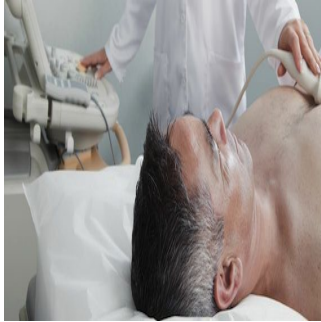

RSNA 2013: US PLUSView Packages Presented by ContextVision



At this year's RSNA, ContextVision will premiere four real-time ultrasound image enhancement packages as part of its US PLUSView portfolio. The packages, optimised for individual application areas will ultimately provide medical professionals with enhanced diagnostic confidence.

Elements of the four packages, namely women's health, general imaging, cardiovascular and point of care, include superior speckle reduction, edge enhancement, efficient line connectivity and higher grayscale contrast, enabling direct, focused enrichment of selected image features.

Women's health

With excellent homogenisation of soft tissue as well as greater contrast and edge enhancement, imaging professionals are able to better detect lesions in soft tissue during breast examinations. For more reliable measurements of a fetus, the women's health package provides clear lines and edge conspicuity for greater diagnostic confidence.

General imaging

Increased line connectivity and homogeneity included in the general imaging package allows for easier detection of lesions and visualisation of renal pyramids. Efficient grayscale contrast, edge enhancement and delineation of fluids facilitate diagnosis and lead to precise structural assessments.

Cardiovascular

Higher gray scale contrast and superior edge enhancement provide sharper edges for clinicians to easily view the heart valves and to make accurate measurements. The cardiovascular package includes efficient speckle and noise reduction, making it easier to see calcifications and atherosclerosis in blood vessels.

Point of care

Improved line connectivity and gray scale contrast enhances imaging on portable systems for musculoskeletal, nerve block and needle guide examinations. The point of care package provides automatically excellent image quality for less experienced ultrasound professionals.

The US PLUSView Family is an adaptable product for all hardware platforms, from low-end CPU systems to DSP platforms and high-end GPU-based ultrasound systems. The groundbreaking GOP methodology detects structures by examining the significance of each pixel in relation to its wider context.

"Our new packages allow us to optimize the image for specific clinical applications. Thereby we can further customize solutions for our OEM partners and their different ultrasound imaging needs." said Anita Tollstadius, ContextVision CEO.

Source: [ContextVision](#)

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