

Ultrasound



"The practice domain of emergency radiology is wide, ranging from nonemergent to catastrophic and is ever widening as patients increasingly turn to the ED for both acute and chronic medical conditions."¹

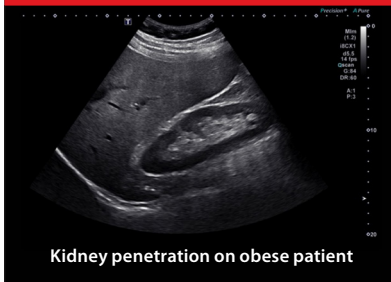
Solutions for Unique Imaging Situations

Emergency Department visits have been increasing 2% for the past 20 years, and imaging utilization in the ED has increased 15%.¹



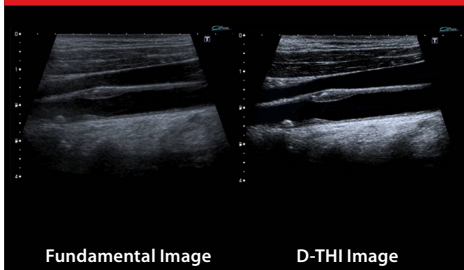
Advanced technologies and applications for emergency radiology

Enhanced Penetration²



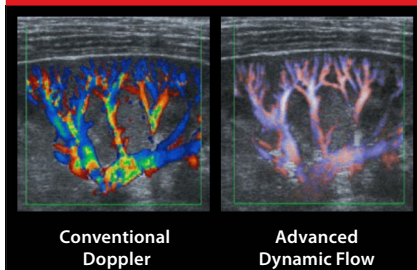
- Supports imaging of difficult-to-image patients with up to 40-50 cm industry leading penetration^{3,4}

Differential Tissue Harmonics (D-THI)



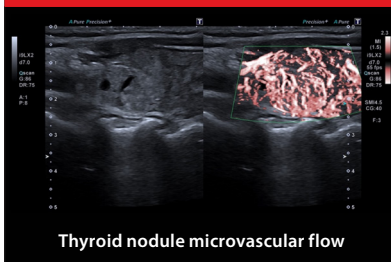
- Deeper signal penetration with improved signal quality
- Improved visualization and spatial resolution for definition of lesions, cysts and subtle tissue
- Potentially even at increased depth and on difficult-to-image patients

Advanced Dynamic Flow (ADF)⁵



- Highly detailed color doppler resolution at high frame rates
- High-resolution of small blood vessels and complex blood flow with amazing clarity

Superb Micro-vascular Imaging (SMI)⁶



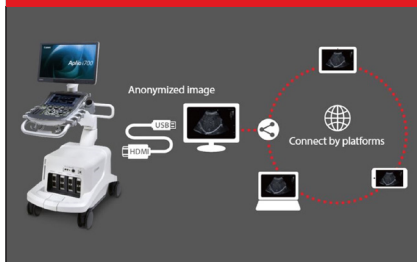
- Expands the range of visible blood flow and provides visualization of low velocity microvascular flow
- Enhance diagnostic confidence when evaluating lesions, cysts, and tumors

Remote 2nd Console⁷



- Second tablet allows wireless operation of the system
- Ideal for mobile environments where it is difficult to scan a patient and reach the panel at same time

Remote image sharing⁸



- ApliGate connects an ultrasound system to PC for distribution to smartphone⁹, tablet or additional PC
- Allows for remote specialist to provide input or clinical advice on shared images

¹ Jan; 13; 41 Chong, Suzanne & Robinson, Jeffrey & Davis, Melissa & Bruno, Michael & Reddy, Sravanthi & Pyatt, Robert & Friedberg, Eric. (2019). Emergency Radiology: Current Challenges and Preparing for Continued Growth. Journal of the American College of Radiology. 16. 10.1016/j.jacr.2019.03.009.

²Optional

³Up to 40 cm on Xario series. Up to 50 cm on Aplio a-series and i-series

⁴Compared to transducers which require more pressure to image to comparable depth

⁵Optional on Xario g-series

⁶Optional on Xario 200G

⁷Optional on Aplio a-series and i-series

⁸Optional on Aplio i-series

⁹Android only

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