



The company recognises that we are certainly at the precipice of broadly implementing AI and machine learning (ML) in radiology and other specialties. To do so, it is important to leverage the lessons learned from deploying other clinical applications while, at the same time, taking novel approaches. Failure to approach the opportunity from multiple perspectives will slow the adoption and raise the cost. The path to a successful implementation begins by realizing that the solution is often non-linear, an adjunct to clinical workflow, and that typical approaches and integrations will not suffice. It's important to gather all the stakeholders and take a holistic approach. The starting point for these solutions to become mainstream is to recognize and prepare for some of the core differences in technology and workflow vs. PACS or VNA projects, and avoid thinking of AI as a singular application. This will require a new approach that puts outcomes and workflow gains first and technology second.

All this and more is explained in the PDF on the Practical Approach to Implementing AI.

TERARECON
 FOSTER CITY, CA, USA
www.terarecon.com

Ultrafast 30 ultrasound system

The latest example of disruptive technology from Supersonic Imagine, the new Aixplorer MACH 30 system incorporates a new generation of UltraFast system which helps optimise all modes of imaging (Doppler UltraFast, Angio PL.US – Planewave UltraSensitive Imaging and

TriVu) to provide better diagnostic performance while offering exceptional image quality on all conventional imaging modes thanks to preserved purity of the ultrasound signal. A new generation of ShearWave elastography (SWE PLUS), even more powerful than previous versions has also been introduced, making it possible to view and measure tissue stiffness in real time on a significantly improved colour map, notably in terms of acquisition speed, size of the elastography region of interest and examination depth.

It includes the SonicPad touchpad, an unprecedented enhancement in the world of ultrasound systems, designed to simplify user experience. The SonicPad improves the radiologist's workflow by



reducing by approximately 77% the user's movements, thus reducing the time per exam of more than 30%.

"We are very excited to present Aixplorer MACH 30. An increasing number of our new ultrasound systems are being installed across Europe; we have begun to install them in radiology departments of university hospitals and private radiology clinics in Germany, Romania, Italy and of course France. Users underline the image quality and optimised diagnostic performance of the different modes, notably ShearWave PLUS, as well as the new ergonomics making the ultrasound system easier and quicker to use", points out Michèle Lesieur, CEO of SuperSonic Imagine

SUPERSONIC IMAGINE,
 AIX EN PROVENCE, FRANCE
www.supersonicimagine.com/

CE Mark for Wireless Breast Lesion Localization System

The market leader behind the 3D Mammography exam, Hologic has announced the granting of a CE Mark to their LOCALizer wireless radio frequency identification (RFID) breast lesion localization system. The system is designed for precise and easy marking and targeting of lesions for breast-conserving surgery guidance.

The LOCALizer is designed to replace the traditional wire-guided localization method, helping to provide increased comfort and convenience for patients and their



healthcare teams. The tag can be implanted up to 30 days prior to a breast-conserving surgery, providing increased flexibility for patients and providers. This improved workflow is designed to help reduce scheduling and logistical hurdles for care teams and aims to deliver added convenience for an enhanced patient experience. Following placement, the miniature implantable tag can be detected by a portable, handheld reader that indicates the location and distance in millimeters to the lesion, enabling the surgeon to pinpoint the correct area of breast tissue for removal.

Hologic has expanded significantly in recent years through insight-driven innovation and strategic acquisitions to address the entire clinical continuum of breast health. Along with the LOCALizer system, the company's new products include the SmartCurve breast stabilization system, Clarity HD high-resolution 3D imaging technology, the Viera portable breast ultrasound system, and the Brevera breast biopsy system with CorLumina imaging technology, which features real-time imaging and sample verification.

HOLOGIC
 MARLBOROUGH, MA, USA
www.hologic.com