Press release
08 March 2011

Aixplorer® MultiWave™ Technology brings physicians unrivalled diagnostic confidence with its new 3D breast imaging package.

With its unique ShearWave™ Elastography, the Aixplorer ultrasound system exploits two types of waves; one ultrasound wave to ensure impeccable image quality in B-mode, and one shear wave to assess and display true local tissue elasticity, in real time.

SuperSonic Imagine has presented, for the first time at the ECR, its new 3D breast package.

Impeccable 3D image quality:

The Aixplorer now offers 3D breast ultrasound, the latest technology for breast visualization and lesion classification. Acquired 3D volumetric data together with 3D display features deliver new information of breast pathology.
With the Aixplorer 3D breast application, suspicious tissue can be visualized in any plane of a 3D volume, particularly in the coronal or C-plane for a high-resolution morphological assessment.

Industry first, ultrasound elastography in 3D:

Never seen before, patented 3D ShearWave Elastography offers physicians a 3D color-coded elasticity map of tissue stiffness.
In a single 3D acquisition, Aixplorer produces a reproducible, 3D elastography volume, as well as, a high-resolution 3D B-mode volume.
The 3D elastography map provides unprecedented clinical information of the elasticity distribution inside and around a breast lesion.
3D ShearWave Elastography improves lesion characterization and is also a phenomenal clinical tool for lesion follow-up under treatment and surgical planning.

3D breast imaging is an outstanding tool to monitor lesions during chemotherapy. The quality of the images displayed, added to tissue elasticity assessment, gives physicians the ability to follow any change in the volume or the structure of a lesion before, during and after the treatment.

Clinical image: Invasive intraductal adeno-carcinoma

58 years old patient.
She presents with a palpable mass on the right breast.
2D B-mode image shows a hypoechoic spiculated millimetric mass, BI-RADS® 5.
The pathology result confirms an invasive intraductal adeno-carcinoma.

3D ShearWave Elastography MultiSlice coronal plane reconstruction of invasive intraductal adeno-carcinoma.

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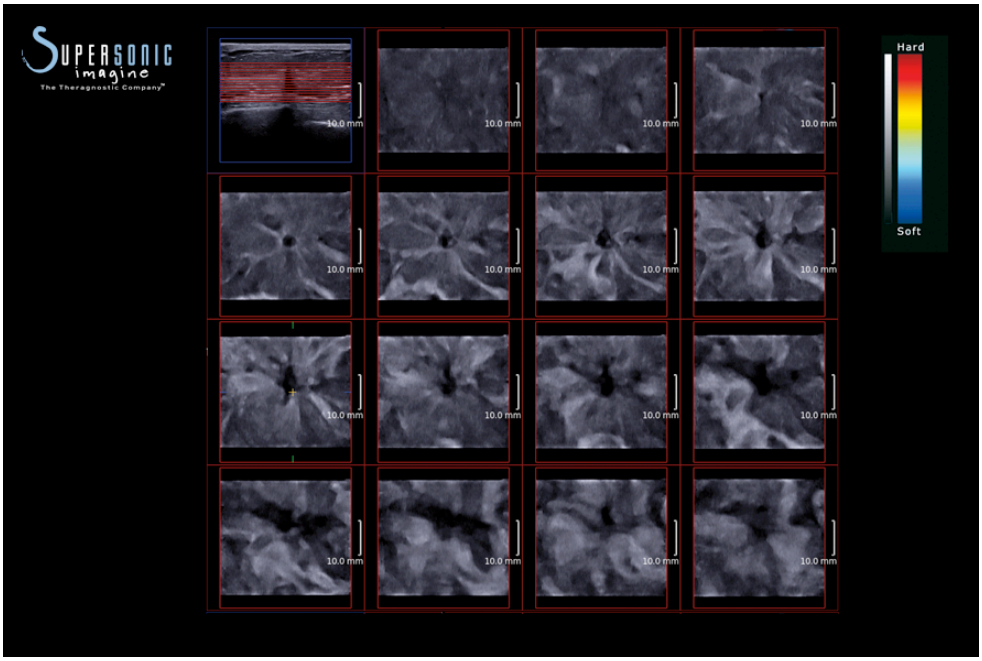

MultiSlice display,
ShearWave Elastography
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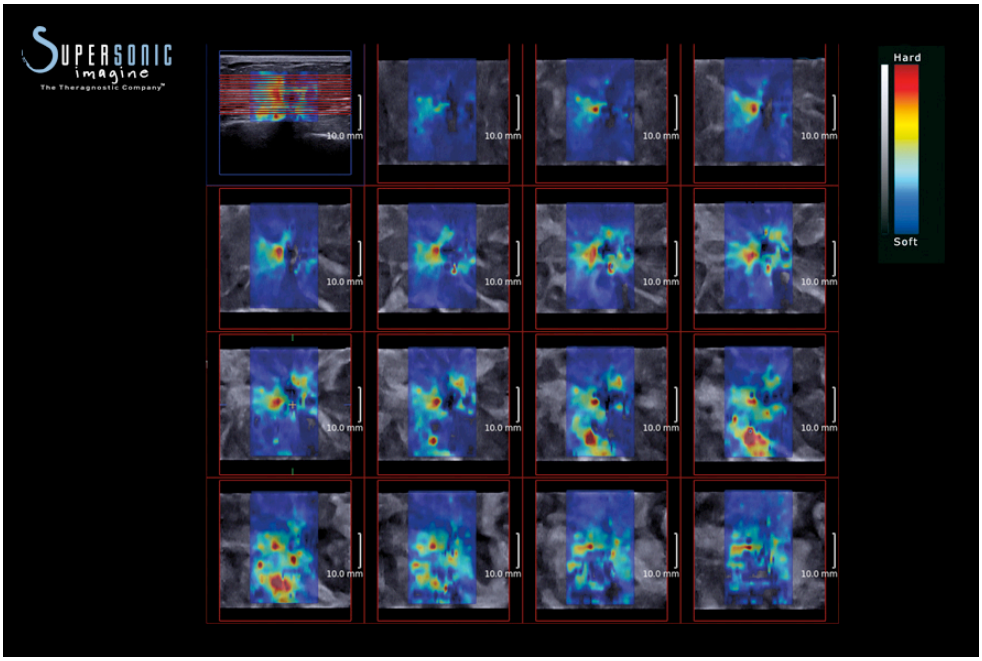

MultiSlice display,
ShearWave Elastography
opacity set to 100%

References: *D. AMY; Radiology, Cabinet de Radiologie, Aix en Provence, FRANCE*

High definition images available upon request.

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About SuperSonic Imagine:
Founded in 2005 and based in Aix-en-Provence, France, SuperSonic Imagine is an innovative, multinational medical imaging company dedicated to developing a revolutionary ultrasound system: the Aixplorer. The system leverages a unique MultiWave technology that enables the user to detect, characterize and, in the future, treat palpable and non-palpable masses. Engineers from all over the world have joined the SuperSonic Imagine team and the company now has offices in Aix-en- Provence, Seattle, London and Munich. In addition to successful direct sales in France, Germany, USA and UK, SuperSonic Imagine built a strong distribution network worldwide, including Hologic Inc. (Nasdaq: HOLX) for the breast care market in the USA as well as dedicated strategic partner Canon in Japan. SuperSonic Imagine holds the exclusive right, title and interest to 25 international patents and submissions in diagnostic imaging and therapy applications. SuperSonic Imagine is backed by strong financial, strategic and industrial investors, including Edmond de Rothschild Investment Partners (EdRIP), Auriga Partners, Crédit Agricole Private Equity (CAPE), NBGI Ventures, Bioam, Mérieux Développement, Wellington Partners, Innobio, Canon (NYSE:CAJ), and IXO Private Equity (formerly known as ICSO Private Equity).
For further information about SuperSonic Imagine please visit our website:
www.supersonicimagine.com

About Aixplorer®:
Aixplorer is a next-generation ultrasound imaging system with unique technology that offers advantages in lesion detection and characterization. Using a method of imaging called ShearWave™ Elastography, Aixplorer can measure true tissue elasticity, in real time, providing quantifiable*, user- skill independent and reproducible results. The Aixplorer ultrasound system also provides impeccable images and sophisticated features all packaged in an ergonomic design, to assist in the imaging diagnostic process. Aixplorer was named after its birthplace, Aix-en-Provence, in France. The Aixplorer has both CE mark approval since 2008 and FDA clearance since 2009.

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Quantification tool available outside the USA