



## ESAOTE LAUNCHES NEW CRYSTALINE AT JPR 2014:

ENHANCING THE PRODUCTIVITY, EFFICIENCY AND VALUE OF ULTRASOUND

REALISING APPLICATION OF ULTRASOUND THROUGH PREVENTION, DIAGNOSIS  
TO INTERVENTION & THERAPY

Genoa, Italy, April 16<sup>th</sup> 2014 – At the 44<sup>th</sup> São Paulo Radiological Meeting  
**Esaote**, one of the world's leading manufacturers of medical diagnostic systems,  
launches **CrystaLine**, a significant evolution of its ultrasound technology that  
delivers new levels of accuracy, quality, versatility and value.



CrystalLine's superior technical capabilities enable high quality images to be captured at greater depth in the body. This significant improvement overcomes the challenges associated with larger and more technically difficult to scan patients.

CrystalLine incorporates specific hardware and software features that build on the advanced eHD ultrasound technology Esaote introduced last year. The reality of higher quality, clearer imaging at increased depth, now enables clinicians to confidently use ultrasound in borderline examinations and interventional ultrasound procedures.

Carlos Faustmann, Esaote's Chief Global Marketing and Domestic Sales Officer, explains: "Ultrasound is highly valued for its safe, non-invasive nature, and continues to evolve and prove its value. One of the challenges has been capturing high quality images in those technically difficult patients. CrystalLine *changes all that.*"

### **CrystalLine: A flexible tool for multiple Ultrasound applications**

Major technical improvements provided by CrystalLine include Combined Pulse Imaging Technology which effectively increases depth-of-field, improving the imaging of structures deeper in the body. Combined with the new XView+ speckle-noise reduction system, fully adjustable by the operator, helps to produce an optimal personalised image.

Esaote systems with CrystalLine are also able to synchronise in real-time with therapeutic applications such as Echolaser to guide laser ablation and other procedures.

"CrystalLine enables clinicians to synchronise with interventional systems such as medical lasers," continues Faustmann. "This feature plus the introduction of the 0 degrees biopsy-interventional dedicated probe, is an example of the huge potential for Esaote and ultrasound in direct therapeutic applications."

CrystalLine is available across Esaote's MyLab™Twice, Seven and Alpha ultrasound systems.

### **Additional Dedicated MRI advances unveiled at JPR**

The new **eXP Technology** upgrade for Esaote's Dedicated MRI systems enables faster examinations and increased diagnostic confidence. eXP Technology will be showcased at the Esaote booth on the **O-scan, S-scan and G-scan Brio**, where clinical image presentations will be conducted to demonstrate enhanced image quality.

For clinicians who would like to experience these advances first hand, an **Esaote Satellite Symposium on Advanced Applications of Ultrasound** in Image Fusion and Laser treatment in Interventional Ultrasound will be held at JPR 2014.

### **Upgrade for existing systems**

Esaote **MyLab™Twice, Seven and Alpha** systems are showcased with CrystalLine at JPR 2014 together with **MyLab™40** with eHD Technology and **MyLab™ClassC**. In Dedicated MRI the eXP Technology on **G-scan brio, O-scan and S-scan** complete the Esaote up-to-date product range. CrystalLine and eXP Technology will be available as an upgrade to existing versions of these systems later this year.

**-ENDS-**

**Esaote @ JPR 2014:** Esaote will be exhibiting at the JPR 2014, Transamérica Expo Center at São Paulo, Brazil, 1-4 May 2014. **Location:** Hall C, Booth No. 17

### **Exhibiting at JPR 2014:**

E-news:

[ESAOTE at JPR 2014 eNews -](#)

[http://www.esaote.com/media/docs/enews/Esaote\\_ENews\\_JPR2014.pdf](http://www.esaote.com/media/docs/enews/Esaote_ENews_JPR2014.pdf)

### **CrystalLine**

JPR 2014 marks the official launch of CrystalLine in Latin American countries.

The following systems will be on show:

**MyLab™Twice CrystalLine**

**MyLab™Seven CrystalLine**

**MyLab™Alpha CrystalLine**

CrystalLine Video available at:

<https://www.youtube.com/watch?v=14ztlmVlIE&list=PLA962934180A0A6D0&index=2>

### **Interventional Ultrasound: ALL-IN-ONE**

**Echolaser** represents Esaote's dedicated ALL-IN-ONE approach, an innovative concept able to deliver diagnosis, therapy, interventional and follow-up dedicated solutions. A focused **satellite symposium** on Interventional Ultrasound and Image Fusion will occur during JPR.

### **Dedicated MRI**

The new **eXP Technology** upgrade for Esaote's Dedicated MRI systems enables faster examinations and increased diagnostic confidence. eXP Technology features will be showcased at the booth on the **O-scan, S-scan and G-scan Brio**, where clinical image presentations will be conducted to demonstrate the enhanced image quality.

### **Healthcare Information Technology**

**SUITESTENSA:** RIS PACS advanced information system for the management of all Radiology Department activities completes the Esaote's clinical solutions offer. **Suitestensa** now includes second-generation Structured Report functionalities and 3D applications for additional opportunities and reduced workflow. Mobile PACs enables off-site access to images.

### **Advanced Ultrasound Satellite Symposium @ JPR**

For more information visit:

[http://www.esaote.com/modules/core/page.asp?p=JPR2014\\_EDU](http://www.esaote.com/modules/core/page.asp?p=JPR2014_EDU)

### **About Esaote**

With €325.3 million consolidated sales in 2012 (of which 70% were generated from international markets), Esaote Group is a leading player in the biomedical equipment sector, with a particular focus on ultrasound, dedicated magnetic resonance, and software for managing the diagnostic process. Esaote has over 1,360 employees, 20% of which are employed in R&D activities. Esaote has industrial and research units in Italy (Genoa, Florence, Naples), the Netherlands (Maastricht) and China (Shenzhen). Esaote is internationally recognised as one of the "**Top Ten**" diagnostic imaging companies in the world and enjoys the co-operation of worldwide scientific and clinical research centres and universities. Esaote has filed more than 120 international patents.

Information about the Esaote Group and its products is available at [www.esaote.com](http://www.esaote.com)

EchoLaser is a product of Elesta joint venture Esaote – El-En.

EchoLaser is not yet available for sales in the USA.

Technology and features are system/configuration dependent. Specifications subject to change without notice. Information might refer to products or modalities not yet approved in all countries. For further details, please contact your Esaote sales representative.