Hitachi Aloka introduced its new Compact System at ESC 2012

The 34th ESC congress was held at the ICM - Internationales Congress Center Munich - in Germany from 25th to 29th of August 2012, where around 200 companies and organizations were present at the commercial exhibition.

Hitachi Aloka would like to thank all of you who took time to visit our booth at ESC this year.

ESC 2012 was the opportunity for Hitachi Aloka to introduce the new ProSound F75 to the Cardiology Community. The new flagship, showcased, for the first time, on the scan area, shows new breakthrough in the Ultrasound Imaging field. By combining all of our cutting-edge technologies, the ProSound F75 performs high spatial resolution.

The combination of the CPWG+ (compound pulse wave generator, the new front-end processor) and Full Aperture Apodization (uses all transducer elements of a probe) perfects focus throughout the entire image. This technology will enhance the efficiency of examinations, and will benefit both patients and examiners for greater image details.

The accuracy of the eFLOW+, the next generation of Color Flow Mapping from the Color Doppler Inventor, provides the highest sensitivity and resolution, for an increased level of diagnostic. The ProSound f75 assures a high level of versatility, reduces patient dependency and improves productivity in routine examination.

The new on-board generation of Quantification Tools allows assessing, very easily and quickly, global and regional function.

The F75 F.I.T. concept has enabled Hitachi Aloka to develop a solution to that will be the perfect F.I.T. to its customer’s requirements. With the potential of being one of the most advanced ultrasound systems in the market today the F75 is further strengthened by the innovative Natural Ergonomics of the system which has ensured that this system has the greatest degree of movement than any other system available today. Therefore, affording its users a system which is also the perfect F.I.T. to them, reducing repetitive strain.

According to Prof Michel Komajda FESC, ESC Past President "Munich shows that the ESC annual congress has become an international forum. It is the biggest cardiovascular forum at the moment with one third of our attendees coming from non ESC countries... this confirms that the European Society of Cardiology is becoming truly global". Japan was the main abstract submitter, although Germany had the most abstracts selected and presented.

This year, the main focus was on education with the launch of the ESC e-learning platform. “It was an excellent meeting with innovations for our attendees” said Prof Michel Komajda.

Other Congresses organized by the ESC include EUROECHO, EUROPACE, Heart Failure Congress, EuroPrevent, ICNC and many others. Its mission is to reduce the burden of cardiovascular disease in Europe.
ProSound Series – Powerful, Friendly, Compact. Hitachi Aloka’s new full range of ProSound Color Doppler Ultrasound Systems were showcased at ESC 2012.

The ProSound Alpha 7cv is a diagnostic cardiovascular ultrasound system that contradicts the thought that high-performance systems are large. It inherits the proven technologies and functions of Hitachi Aloka’s Premium product, yet offers outstanding mobility thanks to being the smallest size in its class. The system is easily transported to deliver high performance throughout the hospital.

The ProSound Alpha 6, the next generation of CardioVascular compact color ultrasound systems, provides unprecedented level of technology and performance for its class. The ProSound Alpha 6 incorporates the benefits and the strengths of the high end ProSound Alpha series. It offers superior performance in one compact, mobile, fully upgradable, easy-to-use, economic and environmental system. The Alpha 6 was also awarded by the iF product design award 2010.

As a user-friendly diagnostic ultrasound system full of functional and ergonomic features, F37 is ready to be your partner.

The F37’s simple operational features provide an easy and smooth workflow. The necessary controls for routine examinations are intuitively laid out, with high priority on reducing the examiner’s operation steps. Imaging features inherited from higher-class models provide a work environment for concentrated examinations.

Only simple operation is necessary to acquire, quickly, highly diagnosable images with both high resolution and sensitivity and contributes greatly to smooth examinations.

The F37 is not only compact and practical but also provides faster processing, lower power consumption, and future upgradeability.

The ESC 2012 was the opportunity for Hitachi Aloka to introduce the new ProSound F37 compact Cardiac system to the Echocardiography Community for the first time. The new digital diagnostic ultrasound system was presented on a podium.

The ProSound Lab (DAS-RS1) offers an array of cutting-edge software analysis packages which contributes from routine to research studies, such as Stress Echo, TDI, 2D Tissue Tracking, Wave Intensity and vascular stiffness assessment by using eTRACKING technology. The Vector Flow Mapping (VFM), the latest innovation from Hitachi Aloka which allows users to assess cardiovascular blood flow distribution, drove a major interest from the expert in the cardiac field.