

**Hitachi Aloka Medical, Ltd.**

**+++ PRESS RELEASE +++**

**Hitachi Aloka launches two new, highly flexible Diagnostic Ultrasound Systems, ARIETTA Precision and ARIETTA Prologue**

Tokyo, Japan, 3<sup>rd</sup> of March 2016 – At this year's ECR (European Congress of Radiology), March 2-6 in Vienna, Hitachi Aloka Medical launches two new Diagnostic Ultrasound Systems, the ARIETTA Precision and the ARIETTA Prologue.

The demand for diagnostic ultrasound examinations in healthcare areas such as advanced acute treatment, chronic and community care is increasing. Additionally, the requirements and use of this type of system from one hospital or clinic to another are quite diverse.

Hitachi Aloka Medical, Ltd. has developed two different styles of diagnostic ultrasound systems to meet these needs.

ARIETTA Precision<sup>\*1</sup> has been developed to support surgical treatment and acute healthcare, while ARIETTA Prologue<sup>\*1</sup> has been designed especially for the POC (Point of Care) ultrasound market where often new users are looking for ultrasound to provide better chronic and community healthcare.

**ARIETTA Precision – Flexible Ultrasound Designed for the Operating Room**

ARIETTA Precision has a slim profile with a large 21.5" touch monitor fixed to an arm that can provide effortless manoeuvrability in the operating room<sup>\*3</sup>. Additionally, with wireless communication<sup>\*2</sup>, the monitor and base units can be separated. The dedicated remote control<sup>\*2,\*3</sup> replicates the same touch panel operation and real-time ultrasound image display as on the monitor and so enables a flexible working layout in surgical rooms with limited space. All parts of the unit are fully compatible with commonly-used disinfectant procedures<sup>\*2</sup>, for safe use in the clean environment of the operating room.

**ARIETTA Prologue – Mobile Ultrasound Featuring Performance, Operability and Compact Design**

ARIETTA Prologue supports a broad range of examinations and, with its compact hand-carry design, can be used in a variety of different settings. Operators will not need to compromise their natural posture even in the smallest examination or treatment room. The ARIETTA Prologue offers superior imaging quality and is equipped with functions that

improve efficiency and support rapid, accurate diagnosis when and where it is needed: in the consultation or treatment room, at the patient's bedside, in the emergency room, on home visits, etc.

## **State-of-the-Art Features of ARIETTA Precision and ARIETTA Prologue**

### **Full Touch Panel**

The monitor of ARIETTA Precision and ARIETTA Prologue offers a full touch panel for more intuitive and user-friendly operation. Additionally, a full screen display mode is supported. The enlarged image enables detailed observation and viewing from a distance.

### **High Quality Imaging**

Advanced image processing technologies and functions normally reserved for high-end systems offer images with superior clarity.

Silky Image Processing helps to reduce artefacts that could diminish the diagnostic quality of the image, improving contrast resolution and the display of tissue borders.

eFlow provides a clearer delineation between tissue and blood flow, so even low velocity flow can be imaged with higher sensitivity.

\*1 ARIETTA is registered trademark or trademark of Hitachi Aloka Medical, Ltd., in Japan and other countries.

\*2 Please contact your vendor for further details.

\*3 Optional.

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**About Hitachi Aloka Medical, Ltd.**

Based in Tokyo (Japan), Hitachi Aloka Medical, Ltd., is a subsidiary company of Hitachi Medical Corporation, headquartered in Tokyo. The company delivers modern diagnostic ultrasound technology for medical doctors and patients. It resulted from a merger of Aloka Co., Ltd. and Hitachi Medical Corporation. Today, the company is one of the world's largest ultrasound equipment suppliers and focuses on the three key areas medical electronic systems: diagnostic ultrasound, general analysis instruments (radiation measurement) and clinical laboratory systems (preparation of samples). Altogether, Hitachi Aloka has more than 60 years of experience in imaging diagnostics and is a global innovator in this domain. For more information about Hitachi Aloka Medical, Ltd., please refer to [www.hitachi-aloka.co.jp](http://www.hitachi-aloka.co.jp).

**About Hitachi Medical Systems Europe**

Hitachi Medical Corporation in Europe is represented by Hitachi Medical Systems Europe Holding AG, Zug, Switzerland. The company is a first choice supplier of open and powerful high-field MRI systems, multi-slice CT systems as well as medical ultrasound, endoscopic and topography systems (NIRS). Ultrasound expertise encompasses clinical applications such as radiology, internal medicine, obstetrics/gynecology, cardiology, gastroenterology, urology and surgery. Hitachi Medical Systems Europe offers a complete range of solutions to address a wide range of medical challenges. For more information about Hitachi Medical Systems Europe Holding AG, please visit [www.hitachi-medical-systems.eu](http://www.hitachi-medical-systems.eu).

**About Hitachi, Ltd**

Hitachi, Ltd. (TSE: 6501), headquartered in Tokyo, Japan, delivers innovations that answer society's challenges with our talented team and proven experience in global markets. The company is focusing more than ever on the Social Innovation Business, which includes power & infrastructure systems, information & telecommunication systems, construction machinery, high functional materials & components, automotive systems, healthcare and others. For more information about Hitachi Ltd., please visit [www.hitachi.com](http://www.hitachi.com).

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