Philips helps deliver diagnostic confidence in echocardiography with Ultrasound Compact 5500CV at ASE 2023

PUBLISHED JUN 22, 2023
BY PHILIPS

Building on its established leadership in cardiovascular ultrasound, Philips will showcase its Ultrasound Compact 5500CV at the 2023 American Society of Echocardiography Event (ASE 2023, June 23-26, National Harbor, Maryland, U.S.). The next-generation system brings the same exceptional image quality and echocardiography workflows in cart-based systems to a portable compact unit, providing a single point of access to images and information, anytime, anywhere, to help increase clinical confidence and efficiency in diagnosing and treating cardiac disease.

The Philips Compact Ultrasound 5000 Series system is designed to fit the needs of many specialties including general imaging, cardiology, obstetrics and gynecology and point of care. With the latest Compact 5500CV, Philips expands care across settings to bring diagnostic quality echocardiography in a compact form to help increase clinical confidence at the point of care.

Globally, clinicians continue to face increasing pressure for higher patient throughput. Complicated by staff shortages and the need to meet the high demand, clinicians are asked to perform more and more inpatient ultrasound exams outside of the echo lab. Higher throughput and improved workflow have become key priorities for in-hospital ultrasound users as they deal with increasing worker shortages and burnout, declining reimbursement, and increasing echocardiography volumes.

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Professor, MCL emeritus, Stanford University, and Director, Marfan Program, Hoag Hospital, Newport Beach, CA

> A key advantage of a portable system is the ability to bring the diagnostic power of echocardiography to the patient wherever they are, in an efficient manner," said Dr. David Liang, MD, PhD, Professor, MCL emeritus, Stanford University, and Director, Marfan Program, Hoag Hospital, Newport Beach, CA. "The image quality of the 5500CV allows us to use this advantage without compromising the certainty of the diagnosis.
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> Compact Ultrasound System 5500CV harnesses the diagnostic power, workflow, and capabilities of the cart-based EPIQ CVx and Affiniti CVx systems in a wireless, portable unit, bringing quality access to echocardiography to clinicians and patients," said Jeff Cohen, General Manager of Ultrasound at Philips. "With this latest 5500CV system, we continue to enhance our ultrasound technology to streamline use and enable accessibility across locations and care settings, breaking boundaries for care providers and patients to improve access to quality care to more people in more care settings around the world.

The Philips Ultrasound Compact System 5500CV is designed to meet the needs of different clinical specialties including cardiology and vascular. User-interface and workflow compatibility with the Philips cart-based ultrasound systems EPIQ CVx and Affiniti CVx, which are already widely used in cardiology departments worldwide, allows seamless transitioning from one system to another. Philips Ultrasound Compact System 5500CV is also compatible with ultrasound system transducers for EPIQ CVx and Affiniti CVx. In addition, it features an optional battery add-on that allows up to 2.5 hours of scanning time, artificial intelligence (AI) based automation tools, and support for the company's real-time telemedicine software, Philips Ultrasound Collaboration Live. Cardiologists can use Collaboration Live to consult remotely with colleagues in cardiology departments at satellite hospitals enhancing quality access to cardiology care regardless of location, bringing advanced echocardiography everywhere.

At ASE, Philips will also demonstrate advanced features of the Compact Ultrasound System 5500CV including AutoStrain to deliver fast, reproducible 2D strain quantification for the left ventricle (LV).

The AutoStrain LV application uses advanced Automatic View Recognition technology to identify the different views of the heart, providing exceptional visualization and analysis of left ventricle function to deliver important diagnostic information quickly and efficiently for patients at risk of developing cardiovascular disease.

With the Compact Ultrasound System 5500CV, Philips continues its commitment to deliver a cardiology portfolio to address the ever-increasing demand for cost-effective diagnosis, treatment, monitoring, and management of patients with heart conditions such as coronary artery disease, structural heart disease, arrhythmia, and heart failure. In addition to it's 510(k) clearance from the FDA, the Compact Ultrasound 5000 Series system has recently received CE mark in Europe.

On Sunday, June 25, Philips will sponsor a satellite symposium at ASE featuring leading cardiology experts participating in a panel discussion moderated by Dr. Rebecca T. Hahn, MD, FACC, FESC, FASE, Director of Interventional Echocardiography at New York Presbyterian / Columbia University Irving Medical Center. The expert panel will share valuable perceptions into the present and future of echocardiography, including insights from Dr. David Liang who will discuss his work with Philips Ultrasound Compact 5500CV. ASE attendees can join the satellite symposium in the Science and Technology Theater #1, and learn more about Compact 5500CV in the Philips Booth (#103) at ASE.

Press release distributed by Wire Association on behalf of Philips, on Jun 22, 2023. For more information subscribe and follow us.

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