



INTELLIGENT  
ULTRASOUND®



HEARTWORKS® | AR

Augment your learning of cardiac anatomy  
and echocardiography

## *Cardiac Anatomy as you've never experienced before...*

*Augmented Reality (AR) is now an exciting and integral part of the HeartWorks learning experience. Through tablet-based AR, students of cardiac anatomy and echo can now immerse themselves in the critically acclaimed and anatomically correct HeartWorks 3D heart. They can hold it in their hands, turn it around and look deep inside for an unparalleled understanding of structures and ultrasound views.*

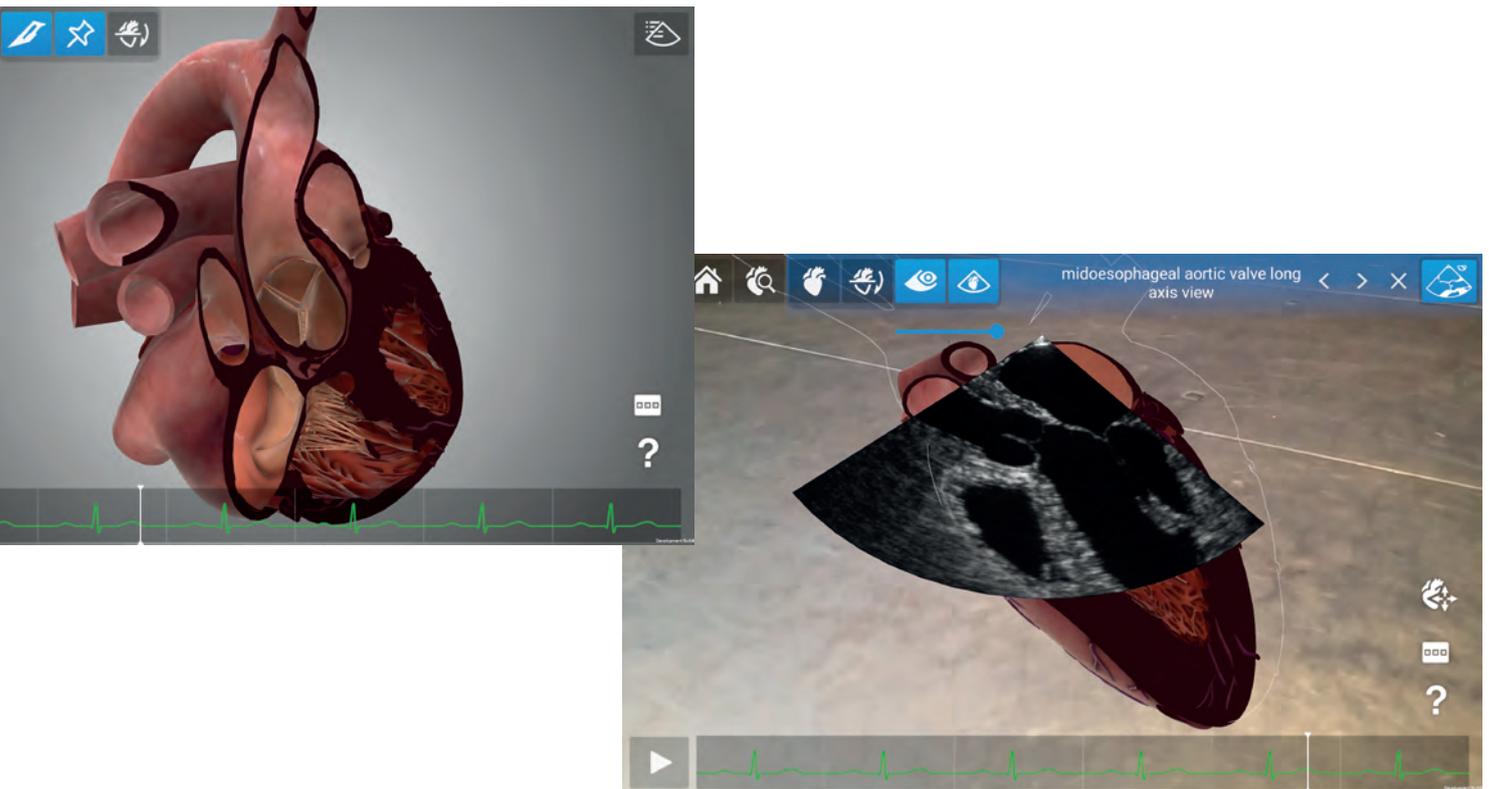


*An educational tool that's versatile,  
easy to use and portable*

HeartWorks AR allows users to increase and vary the timing and location of learning episodes including use in the clinical environment. From self-directed exploration of cardiac anatomy, single student and tutor training episodes, and demonstrating anatomy and imaging principles to small group tutorials, the display can also be projected onto a larger screen when teaching and lecturing to large groups.

## *Helping patients understand their condition and their treatment*

HeartWorks AR is not just an engaging learning tool, it can be used in the operating room or echocardiography laboratory, whilst performing patient imaging to illustrate particular anatomic relationships relevant to the clinical scan. It can help explain anatomy and abnormalities to other clinicians, and help the clinician explain heart structure and function to patients. Disease states as well as therapeutic options can be more clearly illustrated.



*Learn to recognise TTE & TEE (TOE) imaging planes  
in relation to anatomy - simply, quickly and effectively!*



HeartWorks is recognized globally as the leading simulation system for education in cardiac anatomy, echocardiography and lung ultrasound. Initiated and developed by leading clinicians in cardiac anesthesiology at University College London Hospitals, it is unrivalled for quality, accuracy and realism in the teaching of transthoracic and transesophageal echocardiography.

Intelligent Ultrasound is proud to work closely with healthcare educators from around the world to develop market leading simulators and learning systems that will help better prepare and support clinicians in the care of their patients.



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