

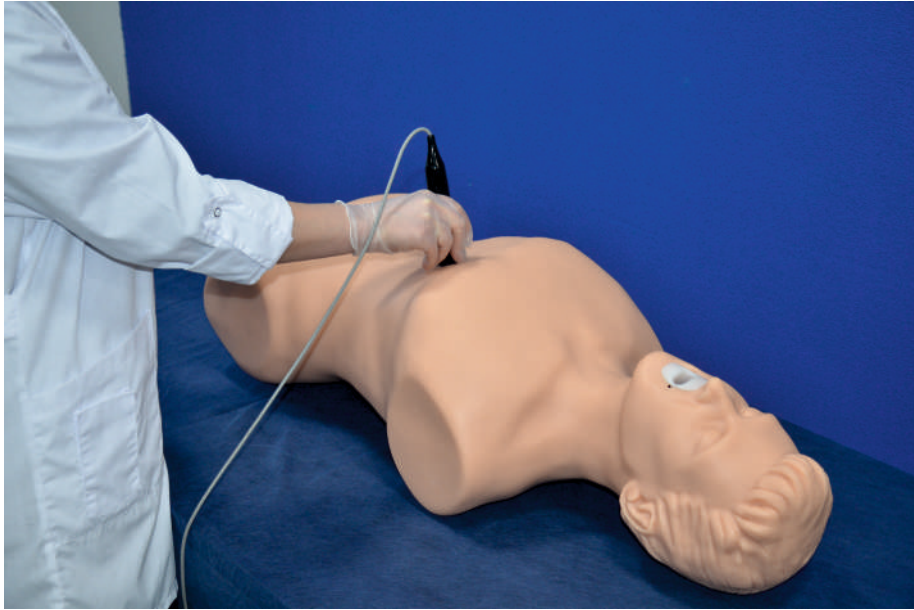
SonoVision

Practical Skills in
Diagnostic Ultrasonography



The highest level of detail
in the internal organs imaging.
Realistic feel





SonoVision

SonoVision ultrasound diagnostic simulator is a professional medical training tool. This virtual simulator is designed for developing and improving diagnostic medical sonographer skills. SonoVision is used by students and practitioners in clinics and hospitals. An ultrasound simulator is a great add-on to traditional healthcare education and professional development training.

The next-generation ultrasound simulator ensures the highest level of detail of internal organs imaging. An anatomically correct manikin provides realistic feel and imaging during scanning. The simulator offers more than 40 clinical scenarios.

The musculoskeletal structure of the torso is based on real Computed Tomography (CT) images. The skin is made of special silicone resistant to constant mechanical stress and the use of an ultrasound gel.



The system uses realistic imitators of ultrasound probes.



3D model of organs displayed in a virtual reality window
Thorough medical history for each clinical case
Real-time ultrasound probe tracking
Ultrasound measurements and image optimization

The anatomically correct phantom torso and head and a lifelike ultrasound probe imitator are the important elements of the simulator.

The simulator is designed to support the learning of fundamentals and features of diagnostic ultrasound. Simulations are run in a realistic, fully-immersive and anatomically correct environment without putting patients at risk.

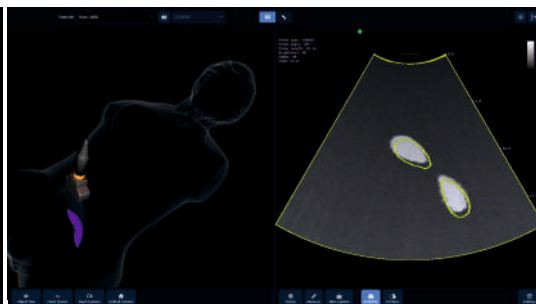


Training module library

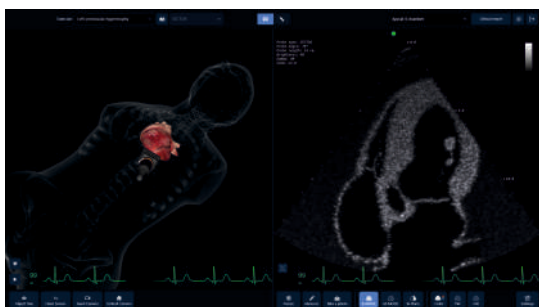
The training module library includes exercises for practicing pelvic (male and female), abdominal and chest ultrasound. Each clinical case has a thorough history to make the learning process more deep and efficient.



Healthy patient anatomy module



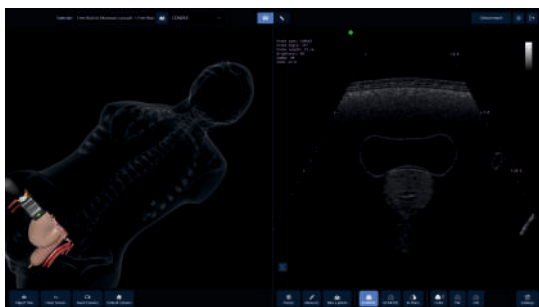
Basic skills module



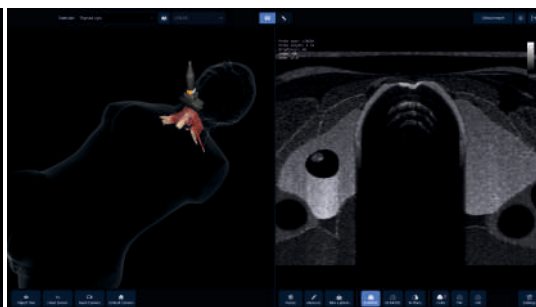
Transthoracic
echocardiography (TTE)
skills training module



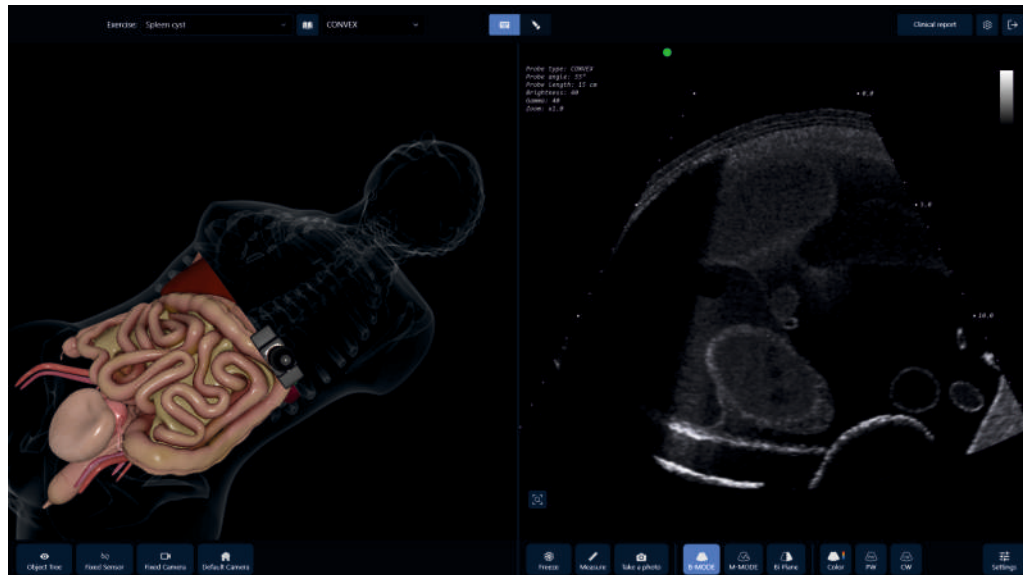
Transesophageal
Echocardiography (TEE) skills
training module



Focused assessment with sonography
for trauma (eFAST) skills training module



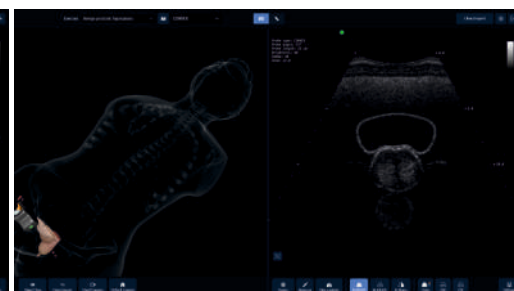
Thyroid ultrasound scanning
skills training module



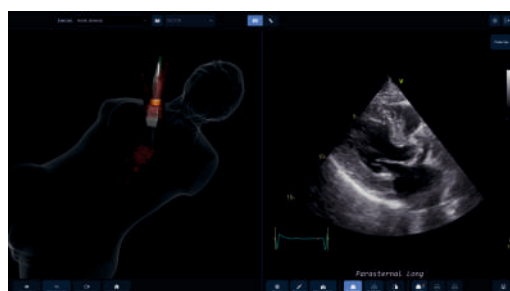
Abdominal examination module



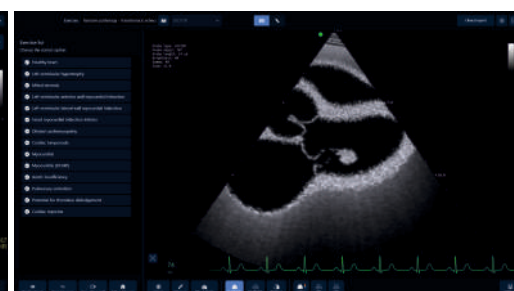
Obstetrics and gynecology examination module (female torso)



Prostate examination module (male torso)



Real cases module



Random pathologies module

Have you seen our patient simulators?



Leonardo



Mia



Arthur

MedVision is a global company committed to the advancement of quality education in healthcare through simulation. Innovative design and cutting-edge technologies define its range of adult, pediatric, neonatal and surgical simulators.

For further information about any of our products, please contact your local regional representative.

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