



SonoVision 3 多功能听诊模拟器



SonoVision多功能听诊模拟器

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.

SonoVision超声诊断模拟器是一种专业的医疗培训工具。该虚拟模拟器旨在培养和提高 医学超声技师的诊断技能。SonoVision的用户为诊所和医院的学生和从业者。超声模拟 器是传统医疗保健教育和专业发展培训的一大补充器材。

下一代超声模拟器可确保内脏成像达到最高精细度水平。人体模型具备正确的解剖结构,并在扫描过程中成像,给人逼真的感觉。该模拟器提供40多种临床场景。

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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.

躯干的肌肉骨骼结构基于真实的计算机断层扫描(CT)图像制成。皮肤由特殊的硅胶制成,能够承受恒定的机械应力及超声波凝胶的使用。







The system uses realistic imitators of ultrasound probes. 该系统使用逼真的超声探头模拟器



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

虚拟现实窗口显示器官的3D模型, 了解每个临床病例的详细病史, 实时超声探头跟踪超声测量与图像优化

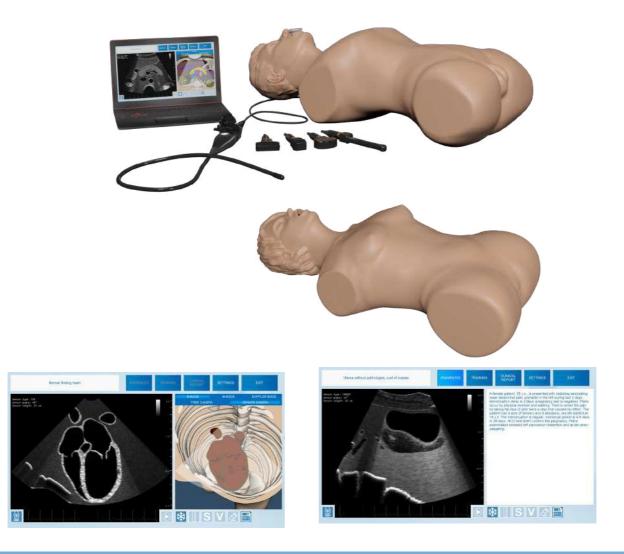
SonoVision 5 多功能听诊模拟器

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

具有正确解剖结构的模拟躯干和头部以及逼真的超声模拟探头是模拟器的重要组成部分。

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.

该模拟器旨在帮助受训者学习诊断超声的基础知识和特征。模拟操作是在真实、完全沉浸式 和解剖结构正确的环境中进行的,不会给患者带来风险。



The software includes a set of training scenarios. Each scenario has a theoretical part with instructional materials and a practical part with a set of parameters. Students are expected to develop the most suitable course of action based on such parameters.

该软件内置一组训练场景。每个场景都有一个包含教学材料的理论部分和 包含一组 参数的实践部分。学生应根据这些参数制定最合适的操作方案

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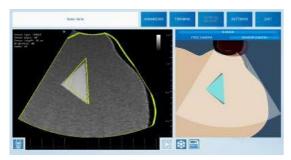
多功能听诊模拟器

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.

训练模块库

训练模块库包括骨盆(男性和女性)、腹部和胸部超声的练习。每个临床病例都有完整的病史,使学习过程更加深入和有效。



Basic skills module

基本技能模块

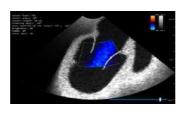


Ultrasound study module for abdominal organs and retroperitoneal space

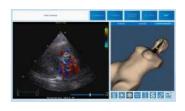
腹部器官及腹膜后间隙超声研究模块



Transthoracic echocardiography (TTE) skills training module



Transesophageal Echocardiography (TEE) skills training module



Transthoracic Echocardiography (TEE) based on data from real patients training module

经胸超声心动图(TTE)技能训 练模块 经食管超声心动图(TEE)技 能训练模块 基于真实患者数据的经胸超声 心动图(TEE)训练模块



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

SonoVision 7 多功能听诊模拟器



Gynecology basic skills training module

妇科基本技能训练模块



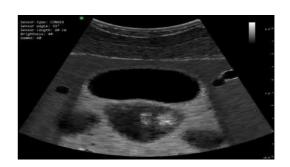
The first trimester obstetrics skills training module

孕早期产科技能训练模块



Urinary bladder and prostate ultrasound scanning skills training module (male anatomy) with abdominal transducer

带腹部传感器的膀胱和前列腺超声扫描技能训练模 块(男性解剖学)



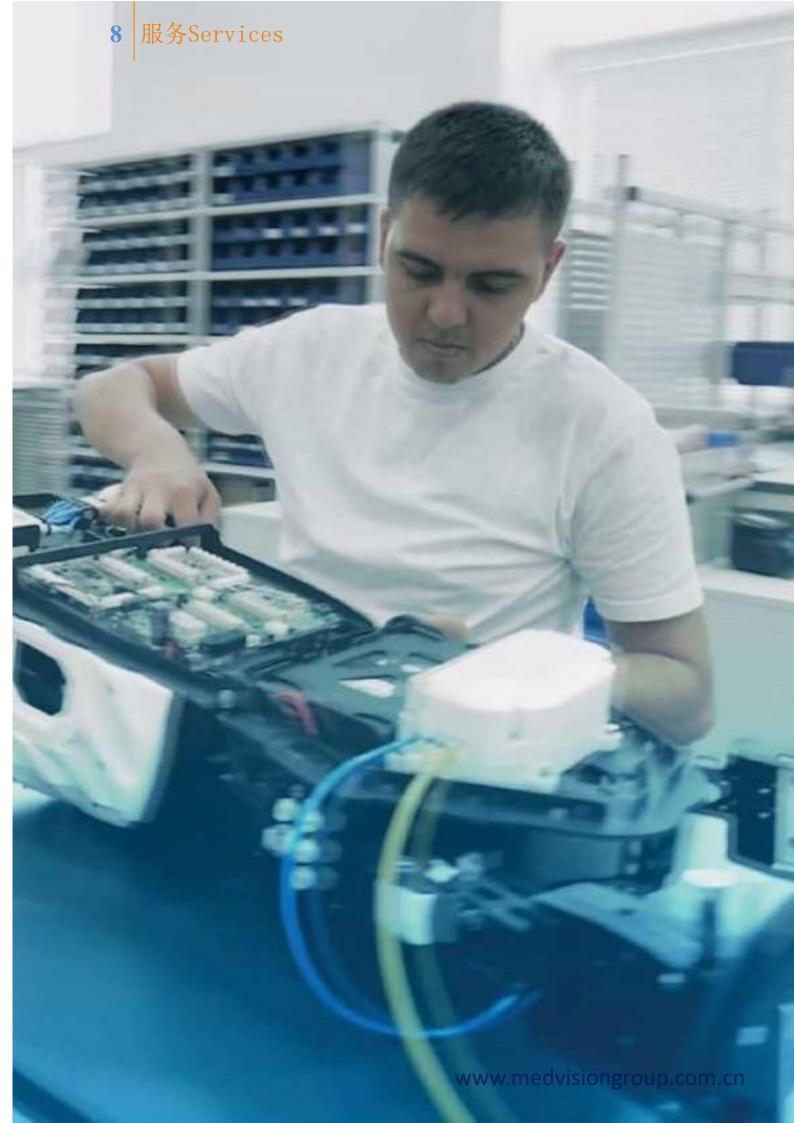
Urinary bladder (female anatomy) and female pelvis (uterus, ovaries) ultrasound scanning skills training module with abdominal transducer

带腹部传感器的膀胱(女性解剖学)和女性骨盆(子 宫、卵巢)超声扫描技能训练模块



Thyroid ultrasound scanning skills training module

甲状腺超声扫描技能训练模块





联系方式

