MATT&Pediatric MATT
听诊诊断模拟器
MedVision Auscultation Task Trainers
听诊任务训练师

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MATT & Pediatric MATT
MATT和儿科MATT

Our portable auscultation skills trainers are highly efective for learning cardiac, lung and abdomen auscultation areas, points and sounds.

A rich library of sounds with amplified details for trainees to develop their patient assessment skills will allow for both cost and time e ciencies in your training programs, while ensuring the highest standards in learning outcomes.

我们的便携式听诊技能训练器对于学习心脏、肺和腹部听诊点和 听诊声音非常有效。

强大的声音库，丰富细致，可促进受训者增强其评估患者的能力，在培训过程中节省成本和时间，同时确保学习成果达到最高标准。

The sounds library
conforms to American
Thoracic Society guidelines.

声音库符合美国胸科 协会指
南要求

Easy to teach... 容易教...
Easy to learn!　容易学！

• Adult and Pediatric manikins available
• 44 Heart, 26 Lung and 18 Abdomen sounds
• Anterior and Posterior auscultation points
• All auscultation areas and points light up
• Transmit sounds to external speakers
• Compatible with a real stethoscope

• 提供成人和儿童人体模型
• 39种心音、9种肺音和14种腹音
• 前后听诊点
• 所有听诊点亮起
• 将声音传输到外部扬声器
• 与真实听诊器兼容
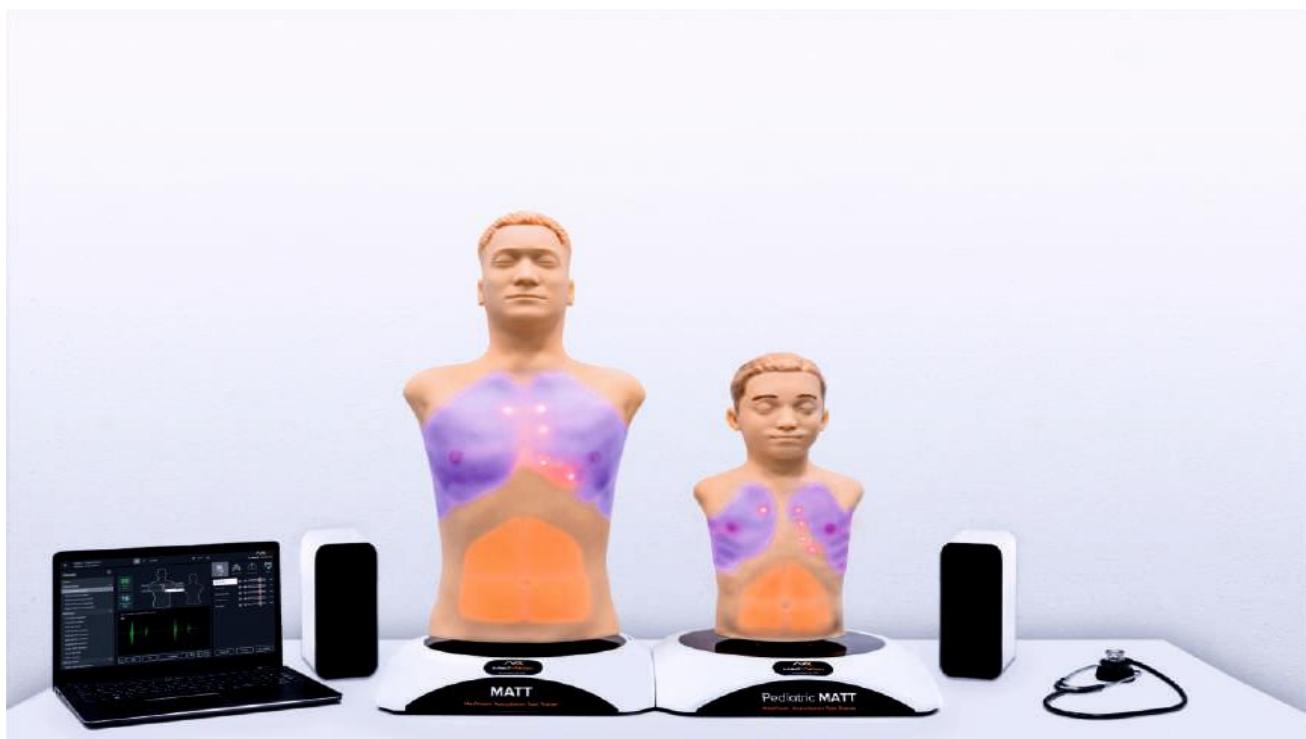
Challenge assessment skills from clear clinical findings to detecting faint murmurs. The flexible operating tablet allows you to:

• Activate or deactivate auscultation areas, points and backlighting individually
• Adjust volume and intensity of sounds
• Change HR and RR for a sound that is currently being reproduced
• Compare sound recordings
• Sound matches ECG diagrams and other vital parameters
• Available in several skin tones
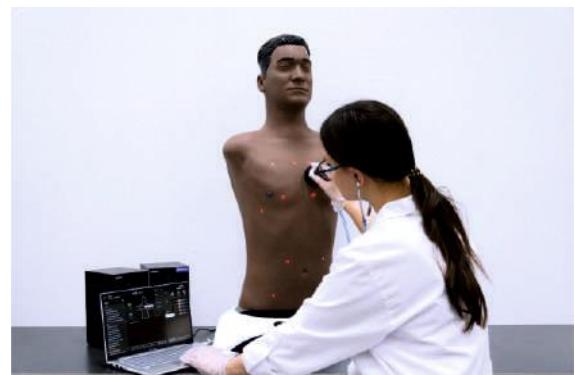
从清楚的临床发现到检测微弱的杂音，锻炼更　强大的患者评估技能。通过操作灵活的平板电脑，　您可以：

• 单独激活或关闭听诊点和背光
• 调整声音的音量和强度
• 针对当前正在模拟的声音，更改心跳和　呼吸频率
• 比较录音
• 声音与心电图和其他重要参数相匹配

Intuitive operating tablet to support gradient levels of skills development

Adjustment Heart Rate and RR

调整心率和呼吸频率

2 operating modes: external speakers / stethoscope

2种操作模式：外部扬声器/听诊器

Auscultation point selection

听诊点选择

Auscultation area selection

听诊区域选择

Auscultation area, point selection, highlighting and volume control

听诊点选择、突出显示和音量控制

Soundwaves, ECG and RR graphs

声波、心电图和呼吸频率图

ECG and RR

心电图和呼吸频率

Activating the two-sound compare mode

激活两种声音比较模式

Simultaneous volume control at all points

同时对所有点进行音量控制

MedVision simulator software allows for analyzing sounds in four critical areas: cardiac, lungs (anterior & posterior) and abdominal quadrants. Two different sounds can be compared within the same auscultation area. ECG and Respiratory Rate (RR) graphs are also shown.

MedVision模拟器软件可以分析四个关键区域的声音： 心脏、肺（前后）和腹部。在同一听诊区内可以比较两种不同的声音。还可显示心电图和呼吸频率（RR） 图。

Features

Cardiac auscultation

- Normal heart sound
- Split first heart sound
- Split second heart sound
- Third heart sound (gallop)
- Fourth heart sound (gallop)
- Normal heart sound (pediatric)
- Functional murmur
- Diastolic murmur
- Opening snap
- Holosystolic murmur
- Early systolic murmur
- Mid-systolic murmur
- Continuous murmur
- Austin Flint murmur
- Pericardial rub
- Graham Steell murmur
- Aortic valve regurgitation
- Aortic valve stenosis
- Aortic valve stenosis and regurgitation
- Congenital aortic stenosis
- Aortic valve stenosis (pediatric)
- Mitral valve regurgitation
- Mitral valve stenosis
- Mitral valve prolapse
- Mitral valve stenosis and regurgitation
- Mitral valve prolapse (pediatric)
- Pulmonary valve stenosis
- Pulmonary valve regurgitation
- Tricuspid valve regurgitation
- Coarctation of the aorta
- Hypertrophic cardiomyopathy
- Patent ductus arteriosus
- Atrial septal defect
- Ventricular septal defect
- Acute myocardial infarction
- Congestive heart failure
- Systemic hypertension
- Acute pericarditis
- Dilated cardiomyopathy
- Pulmonary hypertension
- Tetrology of Fallot
- Ventricular aneurysm
- Ebstein anomaly

Auscultation of lungs (anterior & posterior)

- Bronchial breath sounds
- Bronchovesicular sounds
- Vesicular breath sounds
- Diminished vesicular breath sounds
- Bronchial breath sounds (pediatric)
- Bronchovesicular sounds (pediatric)
- Vesicular breath sounds (pediatric)
- Diminished vesicular breath sounds (pediatric)
- Coarse crackles
- Fine crackles
- Wheezes
- Rhonchi
- Gurgling rales
- Stridor
- Pleural friction rub
- Cavernous breath sound
- Abnormal harsh bronchovesicular breath sounds
- Coarse crackles (pediatric)
- Stridor (pediatric)
- Asthma
- COVID-19
- Left-sided pneumothorax
- Right-sided pneumothorax
- Pneumonia
- Asthma (pediatric)
- Pneumonia (pediatric)

Abdomen auscultation

- Normal bowel sound
- Hyperactive sounds
- Hypoactive sounds
- Borborygmus
- Capotement
- Peritoneal friction rub
- Normal bowel sound with bruits
- Normal bowel sound with bruits (pediatric)
- Hyperactive sounds (pediatric)
- Borborygmus (pediatric)
- Irritable bowel syndrome
- Diarrhea
- Bruits due to renal arteries stenosis
- Constipation
- Ulcerative colitis
- Crohn's disease
- Functional intestinal obstruction
- Diarrhea (pediatric)

Highlights

- 44 heart sounds
- 26 lung sounds
- 18 abdomen sounds
- All the auscultation positions light up
- Sounds can be transmitted to an external speaker
- Realistic manikin skin
- Anterior and posterior auscultation points
- Rotatable platform
- Compatible with a real stethoscope

特点

心脏听诊

- 正常心音
- 第一心音分裂
- 第二心音分裂
- 第三心音（奔马律）
- 第四心音（奔马律）
- 功能性杂音
- 舒张期杂音
- 开瓣音
- 全收缩期杂音
- 收缩早期杂音
- 收缩中期杂音
- 持续性杂音
- 奥斯汀福林特氏杂音
- 心包摩擦音
- 格雷汉·斯蒂尔氏杂音
- 主动脉瓣反流
- 主动脉瓣狭窄
- 主动脉瓣狭窄和反流
- 二尖瓣反流
- 二尖瓣狭窄
- 二尖瓣脱垂
- 二尖瓣狭窄和反流
- 二尖瓣狭窄和三尖瓣反流
- 肺动脉瓣狭窄
- 肺动脉瓣反流
- 三尖瓣反流
- 主动脉缩窄
- 肥大型心肌病
- 动脉导管未闭
- 心房中隔缺损
- 室中隔缺损
- 急性心肌梗死
- 充血性心力衰竭
- 系统性高血压
- 急性心包炎
- 扩张型心肌病
- 肺动脉高压
- 法洛四联症
- 室壁瘤

肺部听诊（前部和后部）

- 支气管呼吸音
- 肺泡呼吸音
- 肺泡呼吸音减弱
- 粗湿啰音
- 细湿啰音
- 喘息
- 干啰音
- 喘鸣
- 胸膜摩擦音

腹部听诊

- 正常肠鸣音
- 肠鸣音亢进
- 肠鸣音减弱
- 腹鸣
- 胃振水音
- 腹膜摩擦音
- 正常肠鸣音伴杂音
- 肠易激综合征
- 腹泻
- 肾动脉狭窄所致杂音
- 便秘
- 溃疡性结肠炎
- 克罗恩病
- 麻痹性肠梗阻

突出显示

- 39种心音
- 9种肺音
- 14种腹音
- 所有听诊位置亮起
- 声音可以传输到外部扬声器
- 逼真的人体模型皮肤
- 前后听诊点
- 可旋转平台
- 与真实听诊器兼容

Have you seen our patient simulators?

看看我们不同适用年龄阶段的患者模拟器

Leonardo
成人模拟器
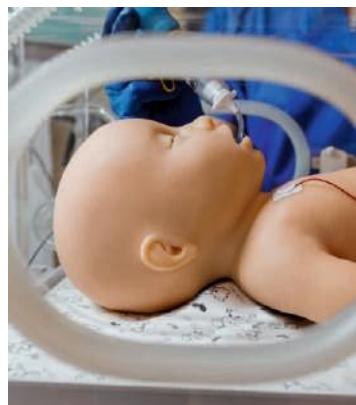
Mia
新生儿模拟器

Arthur
儿童模拟器

MedVision is an innovative and fast-growing company that specializes in designing and manufacturing high-fidelity medical simulators and having more than nine years of history in the development of medical simulation equipment.

MedVision是一家创新和快速发展的公司，专业设计和制造高保真医疗模拟器，在医疗模拟设备的开发方面拥有超过9年的历史。

www.medvisiongroup.com.cn

服务

我们知道您在教育项目上做出了巨大的投资，因此我们设计了充分的服务解决方案，从选择正确的模拟器到将其完全集成到您的模拟项目中，我们在每一个步骤都提供了帮助。

无论是产品安装、预防性维护、故障排除还是维修，我们的团队都将帮助您优化模拟器的全部功能，帮助您高效地实现项目的目标。

有关我们服务方案的进一步信息，请联系您的区域代表。

联系我们

请发送电子邮件与当地区域代表联系：
poyton@poyton.cn

作为一家国际公司，**MedVision**一直致力于通过模拟促进医疗保健领域的优质教育发展。我们利用创新设计和尖端技术打造各种模拟器，包括成人、儿童、新生儿和手术模拟器。欲了解更多关于我们产品的信息，请联系您当地的区域代表。

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