

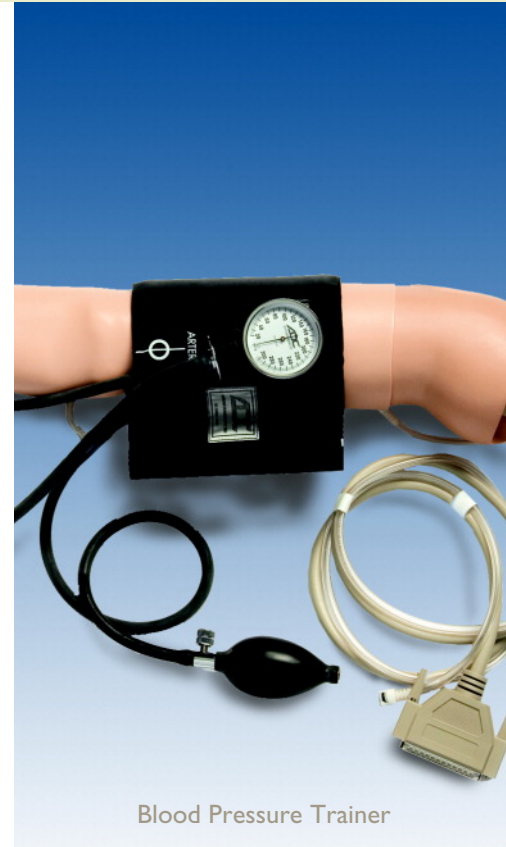
## Efficiency in vital signs skills training



Sounds Trainers



Arrhythmia Trainer



Blood Pressure Trainer

## VitalSim Task Trainers

*The modular system allowing task training of multiple vital signs from a single VitalSim control unit*

VitalSim Skills Trainers are a cost effective solution for education in vital signs assessment, recognition and interpretation. A single VitalSim control unit can operate any one of the VitalSim capable skills trainers or manikins.

- Independent **trainers for specific skills** training including ECG interpretation and diagnosis, sounds auscultation and blood pressure measurement operate with a VitalSim Vital Signs Simulator for cost effective skills training
- Skills trainers are compact and light for **easy transportation and set up**
- Programmable and controlled scenarios aid **standardized teaching**
- The Arrhythmia Skills Trainer allows for **3-4 lead ECG** with over 1400 rhythm variations for recognition
- The Sounds Skills Trainer has **normal and abnormal heart, breath and bowel sounds** for auscultation and identification using standard clinical equipment
- The Blood Pressure Skills Trainer allows for the training of **palpation and auscultation of noninvasive blood pressure** measurement



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# VitalSim Task Trainer Features

## VitalSim Sounds Trainer

### Heart sounds

- Aortic Stenosis
- Pulmonary Stenosis
- Austin Flint Murmur
- Systolic Murmur
- Mitral Valve Prolapse
- Opening Snap
- Ventricular Septal Defect
- Atrial Septal Defect
- Friction Rub
- Diastolic Murmur Mi Stenosis
- Stills Murmur
- Normal Heart Sounds – Apex
- Normal Heart Sounds

### Lung sounds

Lung sounds variable from 0–60 bpm

- Coarse Crackles
- Normal Breath Sounds
- Stridor
- Pleural Rub
- Fine Crackles
- Pneumonia
- Wheeze
- Rhonchi

### Bowel sounds

- Borborygmus
- Hypoactive Bowel
- Hyperactive Bowel
- Normal Bowel

## VitalSim Arrhythmia Trainer

### Features

- Programmable waiting rhythms
- Programmable scenario based algorithms for instructor control
- 3– or 4–lead ECG
- Pacing
  - With or without capture
  - Variable threshold
- Cardioversion
- Defibrillation (25-360j) using live defibrillation

200-20150  
200-20250  
375-42050  
200-100XX\*

VitalSim Sounds Trainer  
VitalSim Arrhythmia Trainer  
VitalSim Blood Pressure Trainer  
VitalSim Unit - is required for operation. Sold separately.

\*Denotes Language version

## VitalSim Blood Pressure Trainer

### Blood Pressure / Pulses - VitalSim

- Blood pressure arm for auscultating and palpating blood pressure simulation
- Brachial and Radial Pulses
- Systolic and diastolic pressure may be set individually in steps of 2 mmHG
- Auscultatory gap, on/off feature

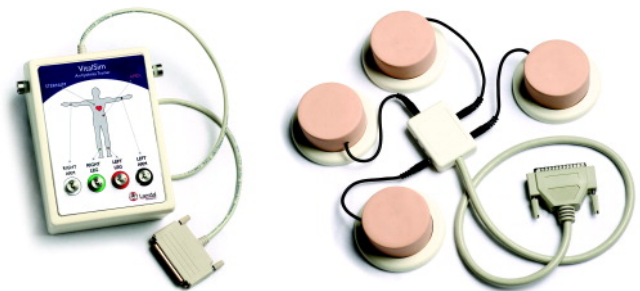
### Korotkoff Sounds

- Synchronized, heart rate
- Volume control

### Pulses

Calibrate function to adjust pressure sensor and cuff gauge

- Pulses only active when palpated
- Pulse strengths dependent on BP
- Brachial pulse off when BP cuff pressure is above 20 mmHG
- Radial pulse off when BP cuff pressure is above Systolic BP level



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