



ELEVATE YOUR AUSCULTATION CLASSES

PAT4 – PEDIATRIC AUSCULTATION TRAINER

Experience the future of interactive auscultation training with the new PAT4 Pediatric Auscultation Trainer. Compatible with both Android and iOS smartphones, PAT4 transforms your auscultation classes into an interactive way of learning.

Use your own smartphone to easily connect to the manikin via Bluetooth and gain access to an extensive library of sounds. If you are a student or an educator, PAT4 provides all the tools you need for engaging auscultation education and hands-on training.

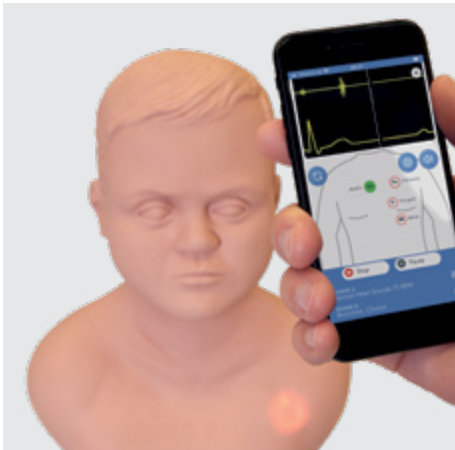
NEW FEATURES



LED LIGHTS
Optional in all auscultation points to help students



360° ROTATING BASE
Facilitates demonstration and examination for multiple users

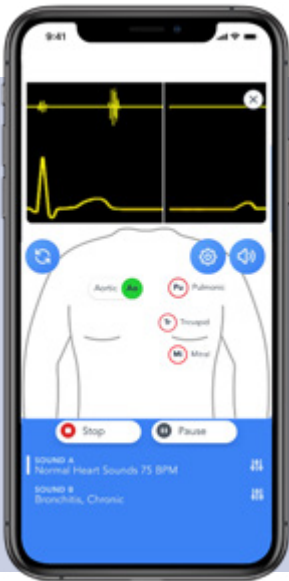


BLUETOOTH CONTROL
Use your smartphone or tablet* to control the manikin



MAIN FEATURES OF PAT4 MANIKIN:




- Includes the extensive Cardionics proprietary library of heart, lung and bowel sounds
- Use any clinical stethoscope to listen at designated auscultation sites
- Portable and light weight
- Ready to use out of the box with no complicated assembly needed
- Easy to use via smartphone or tablet**
- Light and dark skin tones available
- Available in 11 languages: Chinese, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, and Spanish



The manikin replicates a child’s anatomy, including accurate pediatric auscultation sites, and is designed for ease of use. With the PAT4, there is no need for complicated setup—simply use your own smartphone to control the manikin right out of the box. Cardionics engineered the PAT4 to offer a complete auscultation training experience, covering cardiac, lung, and bowel sounds, while removing the complexities often associated with educational tools in the classroom. In addition to enabling class-wide auscultation training, students can practice hands-on skills independently using the PAT4 manikin, controlling it via their smartphones, without requiring supervision.

WORKS WITH ANY CLINICAL STETHOSCOPE

Comprehensive auscultation library consisting of:

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 - 53 hearts sounds
 - 8 heart-lung combinations
 - 18 lug sounds
 - 4 bowel sounds
 - 10 real heart sounds
 - 4 real lung sounds
 - 3 dynamic heart sounds
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 - Phonocardiograms for every sound
- 
 - Customized volume adjustments
- 
 - Customized BPM adjustment with Dynamic Sounds

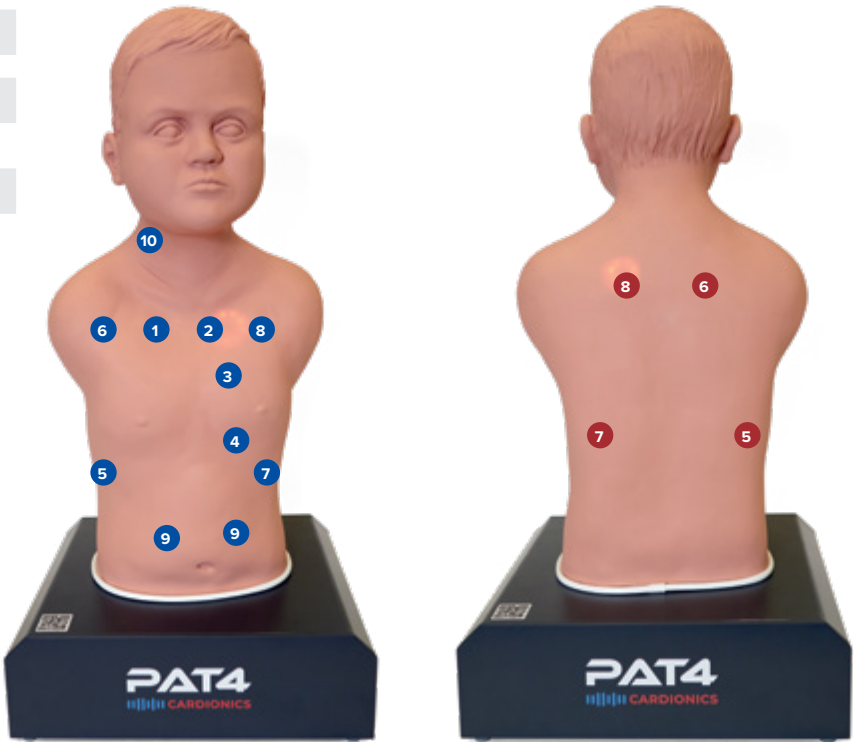


1023608 | Adscope 604 - Pediatric Clinician Stethoscope

15 AUSCULTATION SITES:

PAT4 includes 15 pediatric-specific auscultation sites, providing a realistic and interactive learning experience. These sites allow students to practice with confidence, ensuring they can identify key locations for heart, lung, and bowel sounds. In a simulated environment, precise anatomical landmarks are critical for teaching the clinical relevance of each sound, allowing students to develop the muscle memory needed for real-world patient assessments. This is essential for both mastering auscultation techniques and building clinical confidence.

Anterior sites	Posterior sites
1 Aortic	5 Right Lung - Lower Posterior
2 Pulmonic	6 Right Lung - Upper Anterior
3 Triscupid	7 Left Lung - Lower Posterior
4 Mitral	8 Left Lung - Upper Posterior
5 Right Lung - Lower Anterior	
6 Right Lung - Upper Anterior	
7 Left Lung - Lower Anterior	
8 Left Lung - Upper Anterior	
9 Bowel	
10 Bruit	



	Heart Sounds	Lung Sounds	Heart & Lungs Combined Sounds	Bowel Sounds	Real Heart Sounds	Real Lung Sounds	Dynamic Heart Sounds	Total Sounds
PAT4	53	18	8	4	10	4	3	100



1025486 | PAT4 Light Skin
1025487 | PAT4 Dark Skin



RECOMMENDED ITEMS:

- PAT Hard-shell carrying case (1020110)
- Speaker system for group instruction (1021753)
- Adscope 604 – Pediatric Clinician Stethoscope (1023608)
- Want to elevate your auscultation classes for hundreds of students? Check out our SAM4 Online license models (8001149)

DELIVERY CONTENT:

- Portable PAT4 Pediatric Auscultation Trainer
- Power cable with 5 interchangeable plugs
- User Manual

PAT4 LIBRARY OF SOUNDS

Bowel (4 sounds)

Diarrhea
Hyperactive 10 Year Old
Hyperactive 2 Year Old
Normal 4 Year Old

Heart (53 sounds)

Aortic Regurgitation 75 BPM
Aortic Regurgitation 90 BPM
Aortic Stenosis and Regurgitation 75 BPM
Aortic Stenosis and Regurgitation 90 BPM
Aortic Stenosis Mild 75 BPM
Aortic Stenosis Mild 90 BPM
Aortic Stenosis Severe, Example 2 75 BPM
Aortic Stenosis Severe, Example 2 90 BPM
Aortic Stenosis Severe, S2 Absent, 75 BPM Example 1
Aortic Stenosis Severe, S2 Absent, 90 BPM Example 1
Atrial Septal Defect W_Diastolic Murmur 75 BPM
Atrial Septal Defect W_Diastolic Murmur 90 BPM
Coarctation of the Aorta 75 BPM
Coarctation of the Aorta 90 BPM
Congenital Aortic Stenosis 75 BPM
Congenital Aortic Stenosis 90 BPM
Ebstein's Anomaly 100 BPM
Eisenmenger's Syndrome 75 BPM
Eisenmenger's Syndrome 90 BPM
Fourth Heart Sound 75 BPM
Fourth Heart Sound 90 BPM
Hypertrophic Cardiomyopathy 75 BPM
Hypertrophic Cardiomyopathy 90 BPM
Innocent Systolic Murmur 75 BPM
Innocent Systolic Murmur 90 BPM
Innocent Systolic Murmur Vibratory 75 BPM
Innocent Systolic Murmur Vibratory 90 BPM
Mitral Regurgitation Mild 75 BPM
Mitral Regurgitation Mild 90 BPM
Mitral Valve Prolapse 75 BPM
Mitral Valve Prolapse 90 BPM

Normal Heart Sounds 110 BPM

Normal Heart Sounds 60 BPM

Normal Heart Sounds 75 BPM

Normal Heart Sounds 90 BPM

Patent Ductus Arteriosus PDA 75 BPM

Patent Ductus Arteriosus PDA 90 BPM

Pericardial Rub 75 BPM (Acute Pericarditis)

Pericardial Rub 90 BPM (Acute Pericarditis)

Pulmonary Hypertension 75 BPM

Pulmonary Hypertension 90 BPM

Pulmonary Stenosis 75 BPM

Pulmonary Stenosis 90 BPM

Summation Sound

Systolic Ejection Clicks 75 BPM

Systolic Ejection Clicks 90 BPM

Tetralogy of Fallot 75 BPM

Tetralogy of Fallot 90 BPM

Third Heart Sound 75 BPM

Third Heart Sound 90 BPM

Third Heart Sound Gallop 110 bpm

Venous Hum 75 BPM

Venous Hum 90 BPM

Dynamic (3 sounds)

Normal Heart Sound
Congenital Aortic Stenosis
Aortic Stenosis and Regurgitation

Heart & Lung (8 sounds)

Atrial Septal Defect 75 BPM
Atrial Septal Defect 90 BPM
Congestive Heart Failure 75 BPM
Congestive Heart Failure 90 BPM
Paradoxical Splitting of Second Sound
Physiological Splitting of Second Sound
Ventricular Septal Defect VSD 75 BPM
Ventricular Septal Defect VSD 90 BPM

Lung (18 sounds)

Acute Bronchitis
Asthma Severe
Atelectasis
Bronchial Breath Sounds
Bronchitis Chronic
COVID 19
Crackles Fine
Crackles Medium
Crackles Very Coarse
Emphysema
Normal Vesicular Breath Sounds Pediatric
Pleural Rub Left Normal Right
Pneumonia Lobar
Pneumothorax
Pulmonary Edema
Stridor
Wheeze End Expiratory
Wheeze Low Pitched Rhoncus

Real Heart (10 sounds)

Central Shunt UM 150 BPM
Innocent Systolic Murmur Sensi 85 BPM
Mitral Valve Prolapse Sensi 90 BPM
MVP Mid Systolic Click, Nelson 104 BPM
Patent Ductus Arteriosus UM 96 BPM
Pulmonary Stenosis and Patent Ductus Arteriosus UM 138 BPM
Tetralogy of Fallot Sensi 120 BPM
Ventricular Septal Defect UM 130 BPM
Normal 3rd Heart Sound, Nelson 91 BPM
Normal Split S2, Nelson 95 BPM

Real Lung (4 sounds)

BronchoVesicular 26 BPM
Low Pitched Crackles 24 BPM
Pleural Friction Rub 28 BPM
Wheeze Low Pitched 34 BPM

SCAN THE QR CODE TO LEARN MORE ABOUT PAT4



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