



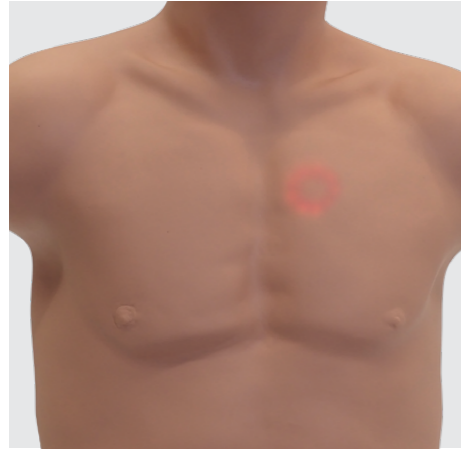
ELEVATE YOUR AUSCULTATION CLASSES

SAM4 ADULT AUSCULTATION TRAINER

Experience the future of interactive auscultation training with the new SAM4 Adult Auscultation Trainer. Compatible with both Android and iOS smartphones, this innovative device takes your training sessions to the next level.

Connecting your smartphone to SAM4 via Bluetooth is quick and easy. Once connected, you gain access to a diverse array of scenarios from our extensive sound library. Whether you're a student or educator, SAM4 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



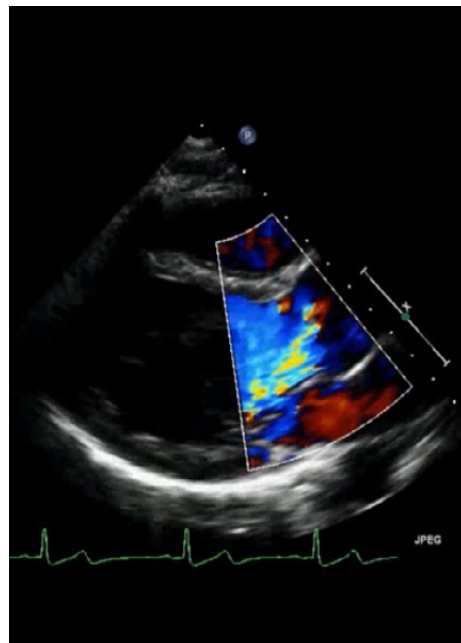
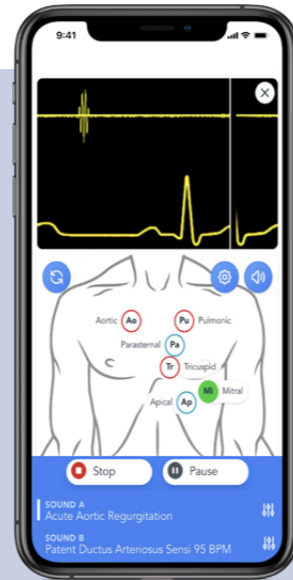
BLUETOOTH CONTROL
Use your smartphone or tablet* to control the manikin



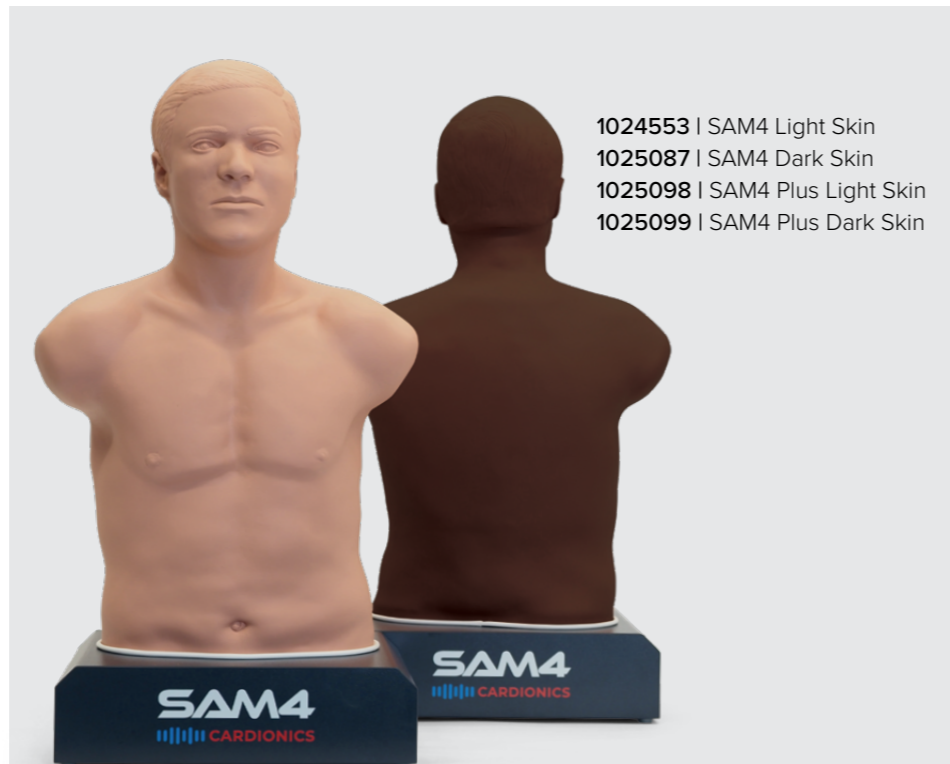
MAIN FEATURES OF SAM4 MANIKIN:

- Includes the extensive Cardionics proprietary library of heart, lung, bowel, and bruit sounds
- Use any stethoscope to listen at anatomically correct auscultation sites
- Customizable to fit specific scenarios and programs
- Portable and light weight
- Ready to use out of the box with no assembly needed
- Easy to use via smartphone or tablet**
- Light and dark skin tones available
- Available in 7 different languages: English, Spanish, German, French, Portuguese, Polish, and Russian

* Smartphone and tablet not included.
** SAM4 app is available for Android and iOS devices.



ECHOCARDIOGRAM
Enhances the comprehension of certain conditions



1024553 | SAM4 Light Skin
1025087 | SAM4 Dark Skin
1025098 | SAM4 Plus Light Skin
1025099 | SAM4 Plus Dark Skin

SIMPLIFYING LEARNING WITH SEAMLESS SETUP

Our user-friendly setup makes it easier than ever before to get started. Simply connect the manikin to a power supply, and with our new App, compatible with Android and iOS devices, you can instantly access a vast library of sounds for hands-on practice.

SAM4 Manikins feature built-in lights at each auscultation point, providing invaluable guidance for students during their exercises. Whether students prefer to listen to the sounds using a real stethoscope or opt for individual practice with Bluetooth external sound devices like earbuds, or even share the experience with a larger audience using a sound box. Elevate medical education with SAM4 Manikins and experience the future of interactive learning today.



	Heart Sounds	Lung Sounds	Bowel Sounds	Bruit Sounds	Heart & Lungs Combined Sounds	Total Sounds	Dynamic Sounds	Real Sounds	Echocardiogram videos
SAM4 Plus	37	26	11	6	9	89	3	35	12
SAM4	37	26	11	6	9	89	-	-	-



GOOD TO KNOW: COMPREHENSIVE SOUND LIBRARY

- Any stethoscope can be used to listen to and identify sounds located in any of the 15 locations from anterior and posterior auscultation sites
- SAM4 starts with a Library of 89 sounds in the basic version. The advanced version offers additional content (Real Sounds, Dynamic Sounds and Echocardiogram videos)

SAM4 LIBRARY OF SOUNDS AND VIDEOS

Bowel

Borborygmus I
 Borborygmus II
 Chron's Disease
 Diarrhea
 Hyperactive Codeine
 Hypoactive Anesthesia
 Hypoactive Post Operative
 Irritable Bowel
 Normal 20 Year Old
 Normal 60 Year Old
 Ulcerative Colitis

Bruit

Aortic Aneurysm
 Medium I
 Medium II
 Mild I
 Mild II
 Renal Bruit

Heart

Acute Pericarditis
 Aortic Regurgitation
 Aortic Regurgitation Acute
 Aortic Stenosis and Regurgitation 75 BPM
 Aortic Stenosis Mild
 Aortic Stenosis Severe With Systolic Thrill
 Aortic Stenosis Severe, Example 2
 Aortic Stenosis Severe, S2 Absent, Example 1
 Atrial Fibrillation
 Atrial Septal Defect
 Coarctation of the Aorta
 Congenital Aortic Stenosis
 Congestive Heart Failure
 Fourth Heart Sound
 Hypertrophic Cardiomyopathy
 Innocent Systolic Murmur
 Innocent Systolic Murmur Vibratory
 Mitral Regurgitation Marked
 Mitral Regurgitation Mild
 Mitral Stenosis
 Mitral Stenosis and Regurgitation 75 BPM
 Mitral Valve Prolapse
 Normal Heart Sounds 110 BPM
 Normal Heart Sounds 60 BPM
 Normal Heart Sounds 75 BPM
 Normal Heart Sounds 90 BPM
 Paradoxical Splitting of Second Sound

Patent Ductus Arteriosus PDA

Physiological Splitting of Second Sound
 Pulmonary Hypertension
 Pulmonary Stenosis
 Summation Sound
 Tetralogy of Fallot
 Third Heart Sound
 Venous Hum
 Ventricular Septal Defect VSD
 Ventricular Septal Defect With Systolic Thrill

Heart & Lung

Aortic Stenosis With Breath
 Aortic Stenosis With Crackles
 Fourth Heart Sound With Respiration Variation
 Mitral Regurgitation With Breath
 Mitral Regurgitation With Crackles
 Mitral Valve Prolapse With Breath
 Normal Heart Sounds with Chronic Bronchitis
 Normal Heart Sounds with Expiratory Wheeze
 Normal Heart Sounds With Rhoncus

Lung

Asthma Severe
 Atelectasis
 Bronchial Breath Sounds
 Bronchitis Chronic
 Bronchophony 99 Normal
 Bronchophony Abnormal 99
 Bronchovesicular Breath Sounds
 COVID 19
 Crackles Fine
 Crackles Medium
 Crackles Very Coarse
 Egophony Abnormal E to A
 Egophony Normal E to A
 Emphysema
 Normal Vesicular Breath Sounds
 Pectoriloquy Abnormal 123
 Pectoriloquy Whispered 123 Normal
 Pleural Rub
 Pleural Rub Left Normal Right
 Pneumonia Lobar
 Pneumothorax
 Pulmonary Edema
 Stridor
 Tactile Fremitus Spoken 99
 Wheeze End Expiratory
 Wheeze Low Pitched Rhoncus

ADDITIONAL SOUND LIBRARY FOR SAM4 PLUS

3 Dynamic Sounds

Aortic Stenosis and Regurgitation
 Mitral Stenosis and Regurgitation
 Normal Heart Sound

35 Real Sounds

Aortic Septal Defect ASD Sensi 80 BPM
 Aortic Stenosis Systolic Murmur Diminished S2 57 BPM
 Bronchial Breath Sounds 13 BPM
 BronchoVesicular 26 BPM
 Central Shunt UM 150 BPM
 Congenital Bicuspid Aortic Ejection Sounds Blowing Diastolic Murmur 64 BPM
 Fine Crackles 10 BPM
 Innocent Systolic Murmur Sensi 85 BPM
 Late Inspiratory Crackles 14 BPM
 Low Pitched Crackles 24 BPM
 Mitral Regurgitation Holosystolic Murmur 48 BPM
 Mitral Regurgitation Sensi 95 BPM
 Mitral Stenosis Opening Snap 63 BPM
 Mitral Valve Prolapse Sensi 90 BPM
 MVP Mid Systolic Click 104 BPM
 Normal 3rd Heart Sound 91 BPM
 Normal Breath Sounds 16 BPM
 Normal Heart Sound Sensi 75 BPM
 Normal S3 with Systolic Murmur 73 BPM
 Normal Split S2 95 BPM
 Normal Split S2 with Inspiration 77 BPM
 Patent Ductus Arteriosus Sensi 95 BPM
 Patent Ductus Arteriosus UM 96 BPM
 Physiological Split S2 UM 70 bpm
 Pleural Friction Rub 28 BPM
 Pulmonary Stenosis & Patent Ductus Arteriosus UM 138 BPM
 Pulmonary Stenosis Sensi 88 BPM
 RBBB Split S2 1st Degree Heart Block 50 BPM
 Restrictive Ventricular Septal Defect UM 72 BPM
 Tetralogy of Fallot Sensi 120 BPM
 Velcro Crackles 10 BPM
 Ventricular Septal Defect Sensi 76 BPM
 Ventricular Septal Defect UM 130 BPM
 Wheeze High Pitched 16 BPM
 Wheeze Low Pitched 34 BPM

12 ECHOCARDIOGRAM VIDEOS



04/2024

SCAN THE QR CODE TO LEARN MORE ABOUT SAM4



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