



## SEM TRAINERS & SYSTEMS

WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE

SEM- Scientific Educative Methods in Science, Engineering & Medicine

**Mobile :** +91 88495 63724  
**Mobile 1:** +91 98791 03905

**Email:** sem@semtrainers.com  
**Website:** www.semtrainers.com



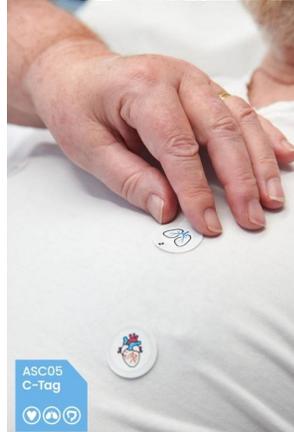
## SimClever™ Auscultation Bundle

**Item No.** ASCB014  
**Weight**  
**Make:** Adam, Rouilly Limited, UK

[Read More](#)

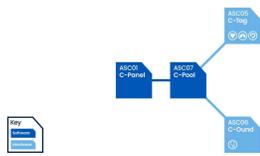
**SKU:**

**Categories:** Clinical Skills Trainers





ASC014  
Auscultation Bundle



## Product Description

Refine diagnostic listening with the ASCB014 SimClever™ Auscultation Bundle. Simulate heart, lung, and bowel sounds on any manikin or patient. Quick to set up and simple to control, it's perfect for focused, mid-fidelity auscultation training anywhere.

### Skills

#### Modular by Design:

- The ASCB014 SimClever™ Auscultation Bundle allows you to elevate auscultation training on any standardised patient or manikin and includes:
  - Heart, lung and bowel auscultation
- There's room for expansion too – multiple units can all be controlled via the easy-to-use, intuitive C-Panel – Control Module

### Features

#### Simulation in an Instant:

- The SimClever™ range of ingenious simulation solutions can be set up quickly and easily, almost anywhere
- Using a combination of software and special simulated devices, you can instantly transform a

standardised patient or low-fidelity manikin into a mid-fidelity simulation with multiple scenarios to choose from

- The platform significantly decreases the time required to learn how to make simulation-based education sessions, helping teaching staff to provide a seamless learning experience

## **The ASCB014 SimClever™ Auscultation Bundle includes:**

- ASC01 C-Panel – Control Module
- ASC05 C-Tag Location marker
- ASC06 C-Ound – Hybrid Digital Stethoscope
- ASC07 C-Pool – Lung, Heart and Gastrointestinal Auscultation Sound Library

### **ASC01 C-Panel – Control Module**

The C-panel software is the central hub for managing all the SimClever™ modules from one single location. Scenarios can also be played through this or on-the-fly changes can be made during the simulation for a more dynamic session. Requires a Windows PC or tablet (not included) – please see the minimum specification requirements under Additional Information

### **ASC05 C-tag – Location Marker**

Location marker tags can be stuck to any manikin or standardised patient and when used with the **ASC06 C-Ound – Hybrid Digital Stethoscope**, allow various heart, lung and bowel sounds to be heard – 30 are supplied with the bundle but more can be ordered.

### **ASC06 C-Ound – Hybrid Digital Stethoscope**

The stethoscope works with **ASC05 C-tag – Location Marker**. The sounds can be controlled on-the-fly or according to a scenario by **ASC01 C-Panel – Control Module** and **ASC03 C-Nario – Scenario Creating Module**, and also work in sync with **ASC02 C-Mon – Hybrid Patient Monitor**.

### **ASC07 C-Pool – Lung, Heart and Gastrointestinal Auscultation Sound Library**

This auscultation database contains 50 heart, lung and bowel sounds. The recordings were taken from real patients and underwent signal procession to achieve optimal, lifelike audio quality even as rhythms/scenarios change. This way, students will be able to experience a real, vital sound experience. Please see the Additional Information Tab for the full list of Auscultation sounds.

### **ASC07 C-Pool – List of Auscultation Sounds**

#### **Heart:**

- Acute Aortic Regurgitation 2
- Aortic Regurgitation
- Aortic Stenosis

- Aortic Stenosis 2
- Aortic Stenosis And Regurgitation
- Atrial Myxoma
- Diastolic Opening Sound Of Mitral Stenosis
- Ductus Arteriosus
- Ebstein Anomaly
- Fourth Hearth Sound
- Healthy Heart Auscultation (Newborn) 1
- Healthy Heart Auscultation (Newborn) 2
- Healthy Heart Auscultation (Premature Newborn)
- Healthy Heart Auscultation (Premature Newborn) 2
- Healthy Heart Auscultation (Young Adult)
- Hyperdynamic Hearth (Premature Newborn)
- Hyperdynamic Hearth With Systolic Murmur 1/6 (Newborn)
- Innocent Systolic Murmur
- Irregular Heart Rhythm (Newborn)
- Mitral Regurgidation
- Mitral Regurgitation
- Mitral-Stenosis
- Pansystolic Murmur Withs3
- Pansystolic Regurgitation
- Pda Gallop Rhythm (Premature Newborn)
- Pda Systolic Murmur 2/6 (Newborn)
- Pda Term38w Syndromic
- S3-S4
- Systolic Click
- Systolic Flow Murmur
- Systolic Murmur
- Systolic Murmur 1/6 (Newborn)
- Tetralogy Of Fallot
- Third Hearth Sound

## Lung:

- Bronchial Breath Sound
- Bronchial Breath Sound 2
- Bronchial Breath Sounds 3
- Bronchovesicular Sound
- Congenital Pneumonia (Premature Newborn)
- Congenital Pneumonia (Premature Newborn) 2

- Congenital Pneumonia – Prolonged Expiration (Newborn)
- Fine Crackles 3
- Grunting (Term Newborn)
- Grunting (Term Newborn) 2
- Healthy Lung Auscultation (Young Adult)
- Newborn With Respiratory Distress Heart – Difficult Back Pain Wheezing Mild
- Pleural Friction Rub
- Pneumothorax\_Prematurity\_Lung\_Sound
- Rhonchi 2
- Severe Rds – Intubated (Premature Newborn) 2
- Severe Rds – Intubated (Premature Newborn) 3
- Severe Rds – Intubated (Premature Newborn) 4
- Severe Rds – Intubated (Premature Newborn) 5
- Silent Lung (Respiratory Failure)
- Stridor 2
- Stridor 3
- Stridor 4 (Inspiratory Expiratory)
- Vesicular Breath Sound (Adult)
- Vesicular Breath Sound (Adult) 2
- Vesicular Breath Sound (Adult) 3
- Wheezing 3
- Wheezing 4 (Mild Asthma)
- Wheezing 6 (Mild Asthma)
- Wheezing 7 (Severe Asthma)
- Wheezing 8 (Severe Asthma)

### **Bowel:**

- Bowel Sounds – 10 seconds Interval-
- Hypoactive (Reduced) Bowel Sounds
- Normoactive Bowel Sounds
- Hyperactive Bowel Sounds

### **Important**

The PC range requires a Windows operating system and a computer or tablet meeting the following minimum specifications:

### **Laptop Requirements:**

- Processor: Minimum of two cores, 64-bit architecture, with at least 2 MB cache and a speed of

- 1.6 GHz or more
- Memory (RAM): DDR4 or higher, with a minimum capacity of 4 GB and speed of 2300 MHz or greater
- Storage: Minimum of 240 GB SSD
- Display: 13.5-inch IPS or higher, supporting Full-HD resolution or greater
- Operating System: Windows 10 or later
- Graphics: Internal graphics card with DirectX 12 or higher support
- Built-in Components: Web camera with imaging capability, microphone, and stereo sound speakers
- Connectivity: Wireless LAN supporting 802.11 b/g/n (or a/g/n, a/b/g/n) and Bluetooth 4.2 or higher

### **Tablet Requirements:**

- Processor: 8th generation or higher Intel® Core™ i5 (or i7) quad-core with a minimum speed of 1.6 GHz
- Memory (RAM): DDR4 or higher, with a minimum capacity of 4 GB and speed of 2400 MHz or greater
- Storage: Minimum of 120 GB SSD
- Display: 12-inch touchscreen LCD or higher with Full-HD resolution support (or higher)
- Operating System: Windows 10 or later
- Graphics: Internal graphics card supporting at least DirectX 12 technology
- Built-in Components: Webcam, microphone, and speakers capable of stereo sound output
- Connectivity: Wireless LAN supporting 802.11 b/g/n (or a/g/n, a/b/g/n) standards and Bluetooth 4.2 or higher

**2 Year Warranty – a two-year limited warranty covers SimClever™ manufactured products. Terms and conditions apply.**

### **Manufacturer**

SimClever