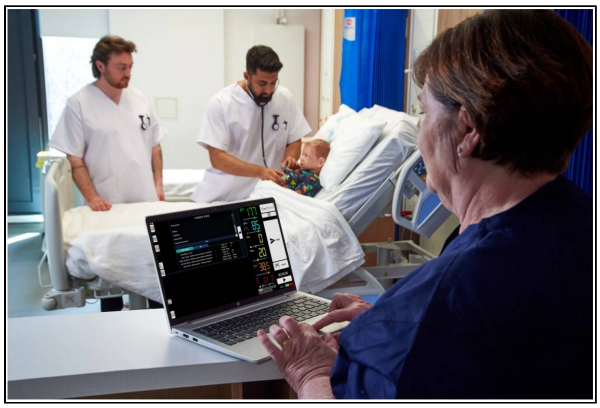
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SimClever™ Clinical Bundle

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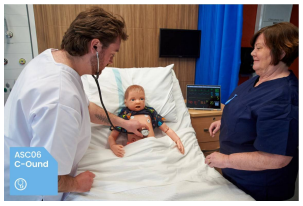
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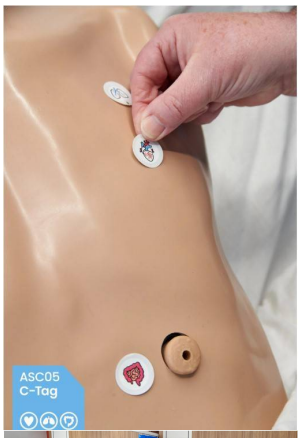
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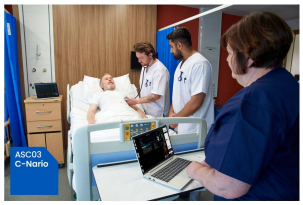






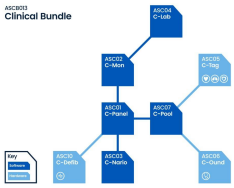












Product Description

The ASCB013 SimClever™ Clinical Bundle delivers essential tools for core skills training. From vitals to imaging and defibrillation, this modular system enhances learning through realistic scenarios and intuitive control, ideal for nursing, medical, or multidisciplinary simulation environments.

Skills

Modular by Design:

- The ASCB013 Clinical Bundle is the complete bundle for Clinical Skills simulation:
  - Lifelike vitals/patient monitoring
  - Heart, lung and bowel auscultation
  - Defibrillation/AED simulation
  - Comprehensive medical imaging and laboratory libraries
- 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 ASCB013 SimClever™ Clinical Bundle includes:

- ASC01 C-Panel – Control Module
- ASC02 C-Mon – Hybrid Patient Monitor Module
- ASC03 C-Nario – Scenario Creating Module
- ASC04 C-Lab – Laboratory and C-Im – Diagnostic Imaging Module
- ASC05 C-Tag Location marker
- ASC06 C-Ound – Hybrid Digital Stethoscope
- ASC07 C-Pool – Lung, Heart and Gastrointestinal Auscultation Sound Library
- ASC10 C-Defib Hybrid Defibrillator/Cardioverter/Pace/AED Simulator

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

ASC02 C-Mon – Hybrid Patient Monitor Module

This provides a lively experience which closely mimics the bedside patient monitors students will encounter in real-life (when used with a touchscreen tablet*). The monitor can also be used to access simulated laboratory results, diagnostic imaging and clinical information without needing a different or additional interface. Vital parameters are customisable to replicate various diseases and the following vitals are available: Vital Signs:

- ECG
- SpO2 and graphics
- ETCO2 and graphics
- Respiratory Rate and graphics
- Body temperature
- Blood pressure

Cardiac Rhythms:

- Sinus Rhythm
- Ventricular tachycardia

- Supraventricular tachycardia
- Ventricular fibrillation
- Atrial fibrillation
- Atrio-Ventricular Block (2:1)
- Atrial Flutter

ASC03 C-Nario – Scenario Creating Module

With C-Nario, there is the ability to create multiple scenes in your scenario and automate essential findings such as lung dynamics, laboratory results and imaging for each scene. During training, it is easy to switch between different scenes with just one click. Scenarios can be edited, saved and shared from a single location and notes can also be added, e.g. door notes for OSCEs. Additionally, you can share and use scenarios saved by other SimClever™ users – the possibilities are endless. On-the-fly edits are also possible, allowing for a more dynamic simulation control in response to student interventions. Please see the Additional Information Tab for the full list of scenarios.

ASC04 C-Lab – Laboratory and C-Im – Diagnostic Imaging Module

Using the C-Lab module, students can see results instantly on-screen correlated with the scenario.
Ready-to-Use Lab Templates:

- Haemogram (CBC)
- Blood gas analysis
- Biochemical analysis
- Vitamins
- Cardiac markers
- Anaemia panel
- Cerebrospinal fluid analysis
- Coagulation panel
- Lipid panel
- Thyroid function tests

For accurate diagnosis, the selection of both the right imaging techniques and accurate interpretation of these is also crucial. Using C-Im, students can access a range of preinstalled X-ray, MRI and ultrasound-guided images. There is also the option to install your own images using **ASC03 C-Nario – Scenario Creating Module.** Further hardware or printouts are not required, the C-Lab and C-Im module is an additional module for **ASC02 C-Mon – Hybrid Patient Monitor.**

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.

ASC010 C-Defib – Hybrid Defibrillator/Cardioverter/Pace/ AED Simulator

C-Defib has been designed to practice defibrillation safely, without applying a real shock, making the system safe for use with a standardised patient or low-fidelity manikin. In the C-Defib software module, adjustments to energy delivery can be made, as in real life, via the **ASC02 C-Mon – Hybrid Patient Monitor.** The tutor can control the C-Defib via the **ASC01 C-Panel – Control Module.**

ASC03 C-Nario – List of Scenarios

- Aplasia Cutis Congenita
- Acute Stroke On The Ward
- Anaphylaxis
- Anterior Myocardial Infarction – Harvard Case Book
- Atrial Fibrillation
- Community Acquired Pneumonia (Cap) Requiring O2
- Suspected Cov?d-19 W Resp Failure
- Office Cardiac Arrest Emergency Scenario
- A Domestic Violence: An Ipe Activity
- Rapidly Evolving Respiratory Failure
- Atrial Fibrillation During Surgery
- Nrp 7 Cdh Hope For The Best, Prepare For The Worst
- Obesity, Pediatric Nutrition Issues
- Home Care – Blocked Tube
- Stroke-Arrest
- Cardiogenic Shock Eng
- Ilyad-10 Stroke And Arrest Management 2 (Asistoli)
- Anaphylaxis
- Poison
- Ilyad-10 Stroke And Arrest Management (Asistoli)
- Cardiogenic Shock & Anterior Mi_Harvard Case Book

- Systemic Examination Skills Guide
- Carbon Monoxide Entox
- Anaphylaxis
- Febrile Convulsion – Family Medicine
- Necrotizing Enterocolitis Stage-3 Perforated
- Chest Pain Acs
- Basic Life Support Witnessed
- Late Prematurity Nrp
- Patient With Hypertension 2
- Ilyad-2 Cardiacarrest Shocksrhythm-Vf-Pulselessvt
- Nephrolithiasis
- Necrotizing Enterocolitis Stage-1/2
- Hypernatremic Dehydration
- Down Syndrome Neonatal Large Vessel Transposition
- Clavicle Fracture Nsvy_Ttn
- Clavicle Fracture Nsvy
- Premature Home Birth Nrp + Transport
- Nrp Term Nsvy-Initial Steps And Communication
- Congenital Diaphragmatic Hernia – Nrp
- Simple Febrile Convulsion – Tsm
- Vein Of Gallen
- Congenital Diaphragmatic Hernia -Test

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 Expirium (Newborn)
- Fine Crackles 3
- Grunting (Ttn Newborn)
- Grunting (Ttn Newborn) 2
- Healthy Lung Auscultation (Young Adult)
- Newborn With Respiratory Distress Heart – Difficult Back Pain Wheezing Mildt
- Pleural Friction Rub
- Pneumothorax_Prematurity_Lung_Sound
- Rhonchi 2

- Severe Rds – ?ntubated (Premature Newborn) 2
- Severe Rds – ?ntubated (Premature Newborn) 3
- Severe Rds – ?ntubated (Premature Newborn) 4
- Severe Rds – ?ntubated (Premature Newborn) 5
- Silent Lung (Respiratory Failure)
- Stridor 2
- Stridor 3
- Stridor 4 (?nspiratory 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