

Simulation Kit Guide

Training Mannequins

Laerdal Little Anne QCPR

£234.00 inc. VAT (depending on website)

Laerdal code: 123-01050



Features

- Oral and nasal passages allow realistic nose pinch required for mouth-to-mouth ventilation
- Natural obstruction of the airway allows to learn airway opening techniques
- 2x removable faces
- 2x disposable airways

Pros

- Inexpensive
- lightweight (2.7kg)
- audible feedback for chest compressions reinforces correct compression depth with optional 'clicker' feature
- free QCPR app to download to monitor CPR and provide effective feedback to learners

Cons

- Torso only
- not compatible for shocks?
- cannot attach monitoring
- 2 separate apps QCPR learner and QCPR instructor

Brayden CPR Manikin with red lights

£598.80 inc. VAT (depending on website)

Product Code: C90000



Features

- Oral and nasal passages allow realistic nose pinch required for mouth-to-mouth ventilation
- Natural obstruction of the airway allows to learn airway opening techniques
- Realistic chest movement with correct ventilations
- Three interrelated sets of LED lights give real time feedback on CPR performance and function
- 1x spare skin
- 1x spare lung
- 10x face shields

Pros

- Inexpensive
- lightweight (3.1kg)
- audible feedback for chest compressions reinforces correct compression depth with 'clicker' on/off
- no mains supply required - battery powered
- 2-year warranty
- Latex free skin
- RoHS & REACH compliant
- Exhaled air exits via the back of the head
- Easy AED pad removal

Cons

- Torso only
- cannot attach monitoring
- head tilt and chin lift necessary to open airway
- manufacturer stock issues in summer 2022

Laerdal Resusci® Anne QCPR AED Training Manikin Torso with Airway Head and ShockLink

£2,940.00 inc. VAT – £3034.08 (depending on website)

Laerdal code: KIT-174-00160-SL



Features

- Physiologically correct design
- Natural obstruction of the airways
- Can be used with feedback devices QCPR
- Realistic chest rise and fall
- Compatible with SimPad PLUS with SkillReporter or SkillGuide for performance assessment
- 1x ShockLink defib training pads
- 6x eyeball
- 1x installed AED skin
- 1x installed airway head

Pros

- Rechargeable
- live defibrillator compatible
- carotid pulse simulation
- latex-free
- can be used to train insertion of supraglottic airway devices, BVM ventilation and PPV
- feedback available by downloading free QCPR app
- 2-year warranty with Laerdal

Cons

- Torso only
- heavy </=15.4kg
- occluded airway requiring hyperextension for airway opening
- manually simulate carotid pulse
- Feedback is available through purchasing the SkillGuide – can only connect to 1 manikin, no HR and shock control feature
- To use free QCPR app, have to download two separate apps: QCPR learner and instructor
- Have to manually change different size pupils on eyeballs

Simulaids Life/Form Bariatric Fred CPR Training Manikin

£672.00 inc. VAT (depending on website)

SKU: LF03750



Features

- Obese manikin with elderly appearance
- Palpable and visual anatomical landmarks for CPR
- Airway can be manipulated to simulate obstructions or choking situations
- Realistic head tilt and chin lift for opening of the airway

Pros

- Inexpensive
- User-friendly airway/lung system with a non-re-breathing valve

Cons

- Torso only
- heavy for a torso only (10kg)
- not compatible for shocks?

Ambu® CPR Pal Manikin

£456.00 inc. VAT (depending on website)



Features

- Stomach inflation is indicated with a whistling sound
- Airway opens only when head is correctly hyperextended
- 50x face bags
- 5x changeable nose/mouth pieces that can be cleaned after use

Pros

- Inexpensive
- lightweight (3.8kg)

Cons

- Torso only
- Not compatible for shocks?

FULL BODY MANIKIN

Laerdal Resusci® Anne First Aid Training Manikin Full Body

£1,308.00 inc. VAT (depending on website)



Features

- Full body manikin
- durable construction with modular design allowing for limbs to be attached
- natural obstruction of airways to practise airway manoeuvres
- realistic anatomy and landmarks

Pros

- Inexpensive for a full body manikin
- </=24kg

Cons

- Not compatible for shocks?
- Without airway head cannot use supraglottic devices

Laerdal Resusci® Anne QPCR training manikin full body

£2,348.40 inc. VAT
(depending on website)
Laerdal code: 171-01260



Features

- Full body manikin
- durable construction with modular design allowing for limbs to be attached
- natural obstruction of airways to practise airway manoeuvres
- realistic anatomy and landmarks
- realistic chest rise and fall
- compatible with SimPad PLUS with SkillReporter or SkillGuide for performance assessment
- Can be used with feedback devices QPCR
- 3x faces
- 2x disposable airways

Pros

- Inexpensive for a full body manikin
- </= 24kg
- Carotid pulse simulation
- free QPCR app to download to monitor CPR and provide effective feedback to learners
- latex-free
- 2-year warranty with Laerdal

Cons

- Without airway head cannot use supraglottic devices
- Manual simulation of pulse
- 2 separate apps QPCR learner and QPCR instructor
- Need AED compatible skin to use with ShockLink
- Compression springs are heavy, 45kg
- No realistic eyes

Laerdal Resusci® Anne QPCR Training Manikin Full Body with Airway Head

£3120 inc VAT
Laerdal code: 172-01260



Features

- Full body manikin
- durable construction with modular design allowing for limbs to be attached
- natural obstruction of airways to practise airway manoeuvres
- realistic anatomy and landmarks
- realistic chest rise and fall
- compatible with SimPad PLUS with SkillReporter or SkillGuide for

Pros

- Rechargeable
- </= 24kg
- Carotid pulse simulation
- free QPCR app to download to monitor CPR and provide effective feedback to learners
- latex-free
- can be used to train insertion of supraglottic airway devices, BVM ventilation and PPV

Cons

- Manual simulation of pulse
- 2 separate apps QPCR learner and QPCR instructor
- Pupils need to be manually changed for different sizes
- SkillGuide would need to be purchased

- performance assessment
- Can be used with feedback devices QCPR
- Defibrillator training using a live defibrillator when used with ShockLink
- 2-year warranty with Laerdal
- Trolley case

Laerdal Resusci® Anne QCPR AED Training Manikin Full Body with Airway Head

£2,940.00 inc. VAT (depending on website)

Laerdal code: 174-01260



Features	Pros	Cons
<ul style="list-style-type: none"> • Full body manikin • natural obstruction of airways to practise airway manoeuvres • realistic anatomy and landmarks • realistic chest rise and fall • compatible with SimPad PLUS with SkillReporter or SkillGuide for performance assessment • Can be used with feedback devices QCPR • Defib pad placement sensors • Defibrillator training using a live defibrillator when used with ShockLink • 1x AED skin installed 	<ul style="list-style-type: none"> • </= 24kg • Carotid pulse simulation • free QCPR app to download to monitor CPR and provide effective feedback to learners • latex-free • can be used to train insertion of supraglottic airway devices, BVM ventilation and PPV • 2-year warranty with Laerdal • Trolley bag 	<ul style="list-style-type: none"> • Manual simulation of pulse • 2 separate apps QCPR learner and QCPR instructor • Pupils need to be manually changed for different sizes • SkillGuide would need to be purchased

TERi Androgynous Geriatric Simulator by Nasco Healthcare

£11,880-23,760 +VAT



Features

- Realistic features of a geriatric patient
- Fully articulated limbs for realistic manual handling
- Soft silicone skin
- Comes with hearing aid
- Removable teeth
- 3 set of eyes with different pupil sizes
- Different wigs
- Interchangeable genitalia
- Comes with many components
- CPR performance can be measured using app
- CPR monitoring feature is powered by 9V battery

Pros

- Weight distributed to simulate real person
- Can practise IV access and IO access
- BP arm can be used to manual BP measurements
- Pulse simulation
- Can practise auscultation, normal and pathological (heart & lungs)
- IM injection pads
- Can insert NGT, ETT
- Suitable to practise ventilation and tracheostomy care
- 49kg heavy
- 5 year warranty

Cons

- Expensive
- Tracheostomy canal is not removable from the body
- Does not support ventilation of lungs via tracheostomy
- Manual simulation of carotid pulse
- Not designed for use with mouth-to-mouth technique
- Laryngoscopy with dentures in situ may cause damage
- BP set up not necessarily intuitive
- Can be complicated to set up and maintain

CAE Apollo Adult Patient Simulator

Price only available on request
METI-APN100



Features

- Realistic combinations of high-fidelity features and realistic skin, true-to-life patient encounter experience
- weighs 45.4kg
- Comes with comprehensive kit such as chest tube prime tubing, arm IV tubing, trauma fill tank and wireless microphone
- Optional additional equipment available for

Pros

- Full body high fidelity manikin
- Wireless voice
- Rechargeable
- Defib compatible
- Tetherless
- Has fluid, pneumatic and electrical systems integrated within
- Can be used outdoors
- Tough

Cons

- Expensive
- lasts 4 hours
- certain components contain latex
- may need substantial training on software and kit to use it smoothly
- many points to consider in transport and use

- purchase such as moulage kit
 - Advances modelling for difficult airway management
- (Note: have a model specifically for anaesthesia called 'CAE HPS The Human Patient Simulator')
- Has features allowing full assessments of all systems
 - to prevent damage

Simulaids® SMART STAT Patient Simulator – Sim & Skills
(simandskills.co.uk)



£17,500–39,000 + VAT

Features	Pros	Cons
<ul style="list-style-type: none"> Full body high fidelity manikin Weighs 34kg Can be used in austere environments Fluid secretions-e.g. tears, foaming mouth Pre-recorded voice and vomiting sounds Bilateral BP and IV arms IO access in manubrium Can accommodate external jugular vein simulation Interchangeable genitalia Each pulse point can be shut down to emulate vascular difficulties or disease states. Lower left leg battery, lasting 3.5hrs operating time Hard carry case with wheels 	<ul style="list-style-type: none"> Wireless voice Rechargeable Defib compatible Tetherless Has fluid, pneumatic and electrical systems integrated within Can be used outdoors Tough Has features allowing full assessments of all systems Portable iPad control system Light-reactive pupils Can be used for difficult airway training, eg with oedema of tongue Lips and fingernails with cyanosis and CO flushing Cardiorespiratory auscultation including abdominal sounds 	<ul style="list-style-type: none"> Can be quite expensive if purchasing the most complete package Only 1 year warranty Hard to transport despite with wheely case