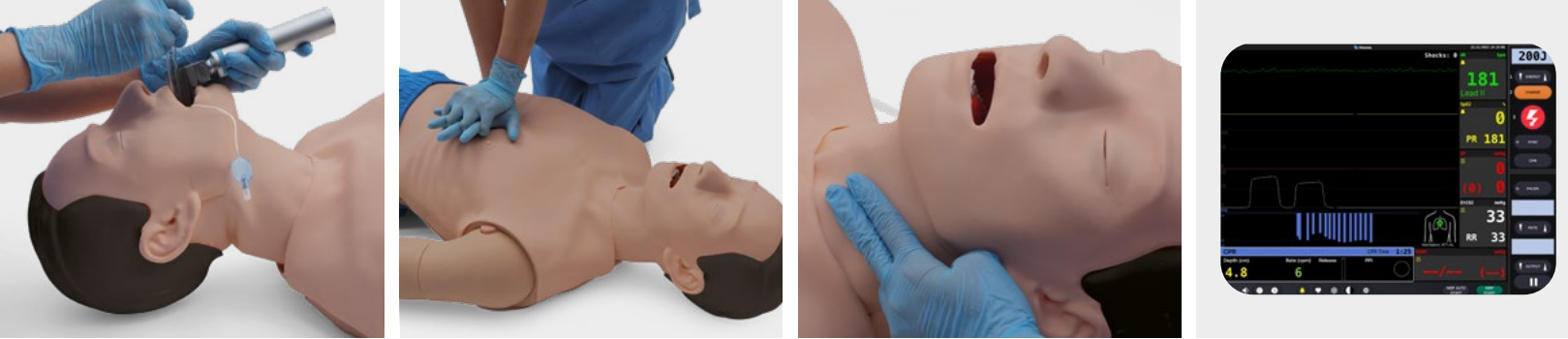


ATLAS – THE LATEST DEVELOPMENT BY 3B SCIENTIFIC

ALS ALGORITHM TRAINING WITH ATLAS AND REALITi 360

Atlas, the ALS simulator from 3B Scientific supports a variety of advanced life support training. Atlas features an intubatable head, a CPR-capable chest, IV/IO arms and foam legs. The airway is anatomically realistic including tongue, nasopharynx, oropharynx, epiglottis, vallecula, vocal cords, esophagus, trachea and lung. You can perform both oral and nasal intubation using basic and advanced airway management devices. The unique design of the ribcage allows realistic compression movements during CPR.

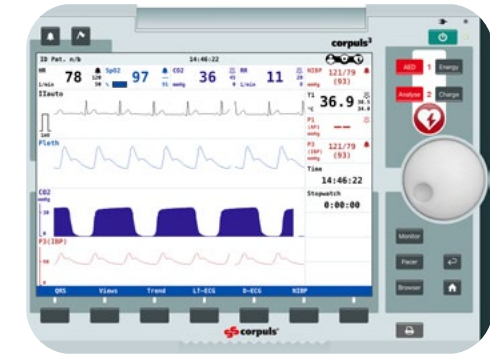
Atlas is wireless and is fully integrated with REALITi 360. **The combination of Atlas and REALITi 360 offers a complete solution for AHA/ERC compliant ALS trainings.** The whole system can be used straight out of the box and requires no sophisticated technical setup or maintenance. REALITi 360 mimics a selection of different patient monitors, defibrillators and ventilators used in pre-hospital and hospital environments. With the growing selection of monitors and defibrillators you can train without sacrificing on realism.



SIMULATED PATIENT MONITOR WITH ATLAS

REALiTi 360 simulates a wide variety of premium branded patient monitors, defibrillators, and ventilator screens, providing added realism to your in-situ training with your ALS manikin, ATLAS. The combination of these two products offers a complete solution for AHA/ERC-compliant ALS training.

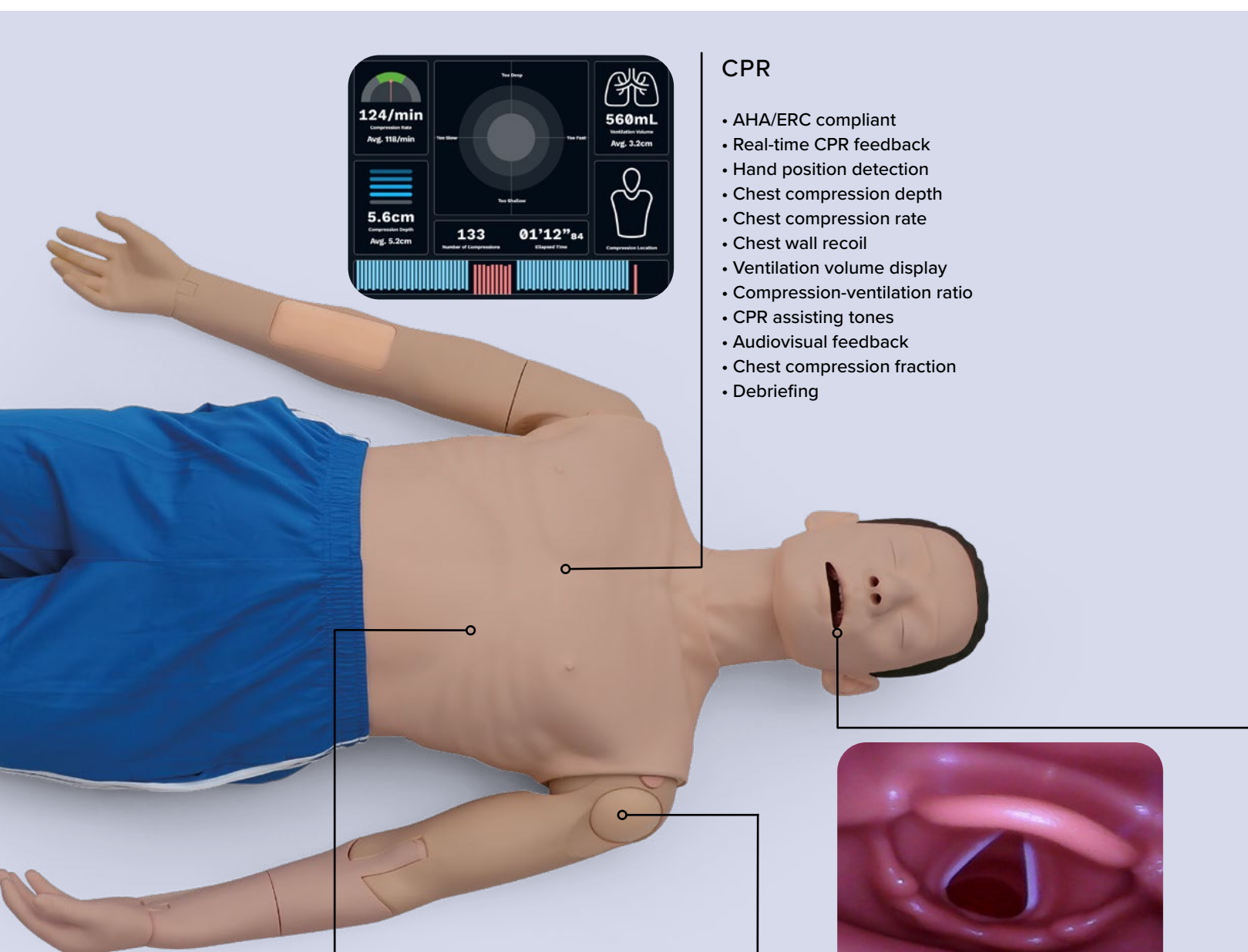
Examples of screens and defibrillators currently available:



PATIENT MONITOR

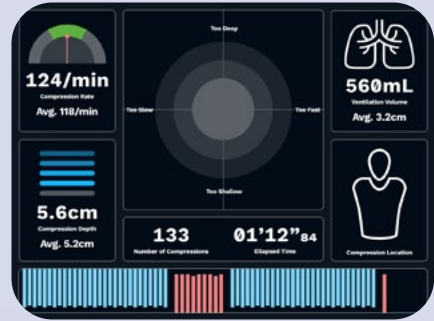
- Patient monitor with configurable vital sign display
 - ✓ Heart Rate
 - ✓ Blood Pressure
 - ✓ Pulse
 - ✓ Pulse Oximetry
 - ✓ Capnography
- Pre-programmable scenarios
- Create scenarios on-the-fly
- Enrich simulation through media
 - ✓ Sounds
 - ✓ X-rays
 - ✓ Scans
 - ✓ Labs
- Use patient chart
- Download free advanced scenarios
- Software translated in more than 13 languages
- Event log in Training Management System (TMS)

*Simulated Patient Monitor (REALiTi 360) to be purchased separately



CPR

- AHA/ERC compliant
- Real-time CPR feedback
- Hand position detection
- Chest compression depth
- Chest compression rate
- Chest wall recoil
- Ventilation volume display
- Compression-ventilation ratio
- CPR assisting tones
- Audiovisual feedback
- Chest compression fraction
- Debriefing



AIRWAY

- Realistic airway
 - ✓ Tongue
 - ✓ Nasopharynx
 - ✓ Oropharynx
 - ✓ Uvula
 - ✓ Epiglottis
 - ✓ Vallecula
 - ✓ Median glossoepiglottic fold
 - ✓ Vocal cords
 - ✓ Cuneiform tubercle
 - ✓ Thyroid cartilage
 - ✓ Esophagus
 - ✓ Trachea
 - ✓ Carina
 - ✓ Lung
- Oral and nasal intubation using standard basic and advanced airway management devices
 - ✓ OPA
 - ✓ NPA
 - ✓ ETT
 - ✓ iGel
 - ✓ LMA
 - ✓ LT
- Confirming correct placement of an advanced airway (endotracheal tube) using waveform capnography
- Right stem intubation
- Esophageal intubation
- Gastric insufflation



CIRCULATORY

- IV site
- IO site
- Drug administration
- Fluid resuscitation
- Temperature management
- Adjustable BP levels (systolic/diastolic)
- Automatic carotid pulse (synchronized with ECG)
- Variable pulse rates

CARDIAC

- Use with a simulated defibrillator
- Defibrillator pads placement
- 12 lead ECG print out
- 10 electrodes of ECG placement
- Assessment and treatment of more than 70 arrhythmias
- Cardioversion
- Pacing

TRANSFORMING ALS TRAINING WITH ATLAS & REALITi 360



- Lightweight, wireless and fully mobile, Atlas and REALITi 360 support **effortless in situ training**
- No real devices and no additional connectors are required to deliver training, **saving you money** and the need to source real patient monitors and defibrillators from in/outside the hospital
- Owing to its intuitive design, Atlas **can be used straight out of the box**
- The functional and robust design of Atlas boasts **minimal to no maintenance**



ATLAS SUPPORTING ADVANCED LIFE SUPPORT TRAINING

- Item No. 1023796 (light skin) / 1024113 (dark skin)
- Combine Atlas with any REALITi 360 product to achieve more realistic simulation outcomes

TECHNICAL SPECS

- Height: 1.70 m
- Weight: 13 kg
- Skin colors: light & dark
- Battery operation time: 8-10 hours
- Wireless: WIFI
- Durable and water resistant carry bag

CONTACT OUR SALES OFFICE TODAY

- To book a demo
- To learn more about the ALS training solution from 3B Scientific
- To find out how you can upgrade with Atlas if you are already training with REALITi 360



01/2023

SCAN THE QR CODE TO LEARN MORE ABOUT ATLAS



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