


3B Scientific
REALiTi 360 ALS
Algorithm Training



3B Scientific REALiTi 360 ALS Algorithm Training Owner's Manual

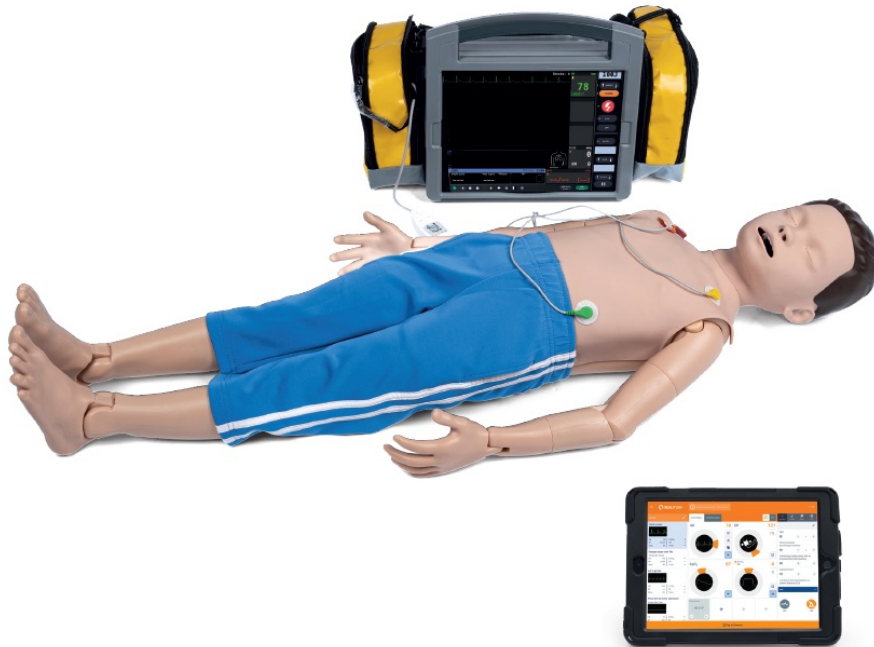
[Home](#) » [3B Scientific](#) » 3B Scientific REALiTi 360 ALS Algorithm Training Owner's Manual 

Contents

- 1 3B Scientific REALiTi 360 ALS Algorithm Training
- 2 CIRCULATORY SKILLS
- 3 SIMULATED PATIENT MONITOR* WITH ATLAS JUNIOR
- 4 PATIENT MONITOR
- 5 Examples of screens and defibrillators currently available
- 6 TECHNICAL SPECS
- 7 Documents / Resources
 - 7.1 References
- 8 Related Posts



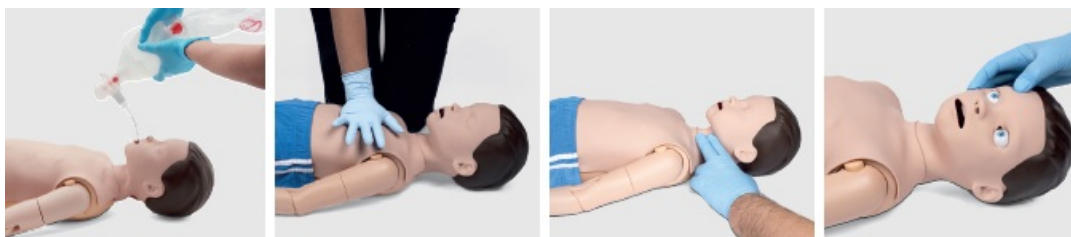
3B Scientific REALiTi 360 ALS Algorithm Training



ATLAS JUNIOR: THE NEWEST MEMBER OF OUR ATLAS

ALS MANIKIN FAMILY ALS ALGORITHM TRAINING WITH ATLAS JUNIOR AND REALITi 360

Introducing Atlas Junior, the advanced pediatric life support training simulator by 3B Scientific. This comprehensive solution features an intubatable head, a CPR-capable chest, and dedicated sites for IV, IO, and IM procedures. The anatomical accurate airways of Atlas Junior facilitates realistic oral and nasal intubation using a variety of basic and advanced airways management devices. The unique ribcage design enables lifelike compression movements during CPR training. Unleash the full potential of advanced pediatric life support education with Atlas Junior – where innovation meets excellence for unparalleled training experiences. Following the same design concept of Atlas, Atlas Junior is fully mobile for effortless in-situ training, wireless and entirely integrated with REALITi 360. The combination of Atlas Junior 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 large 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 and stay focused on realism.



AIRWAYS

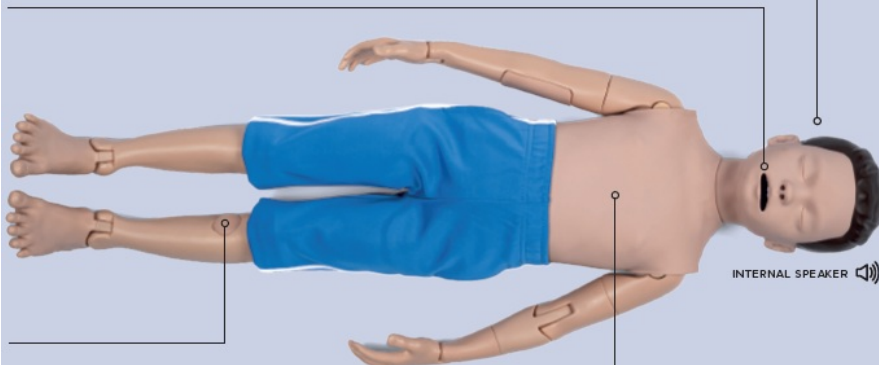
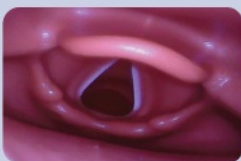
- Realistic airways:
 - Tongue
 - Nasopharynx
 - Oropharynx
 - Uvula
 - Epiglottis
 - Vallecula

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



NEUROLOGICAL

- Tristate pupillary assessment (Normal/Constricted/Dilated)



CPR

- Hand position detection
- Chest compression
- Ventilation
- Real-time Quality CPR feedback
- Debriefing (in a summary performance report)



CIRCULATORY SKILLS

- IV, IO and IM sites
- Blood pressure
- Adjustable BP levels (systolic/diastolic)
- Automated carotid pulse (synchronized with ECG)
- Variable pulse rates
- Variable pulse strength

CARDIAC

- AED or manual defibrillation simulation
- 12 Lead ECG
- Vital sign monitoring
- Assessment and treatment of more than 70 arrhythmias
- Cardioversion and pacing

SIMULATED PATIENT MONITOR* WITH ATLAS JUNIOR

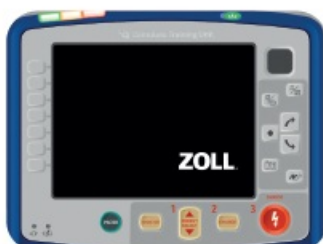
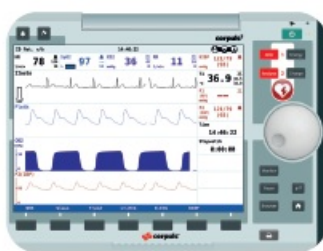
REALiTi 360 simulates a wide variety of premium branded patient monitors, defibrillators, and ventilator screens, providing added realism to your in-situ training with your ALS manikin, ATLAS JUNIOR. The combination of these two products offers a complete solution for AHA/ERC-compliant ALS training.

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

Examples of screens and defibrillators currently available



TRANSFORMING ALS TRAINING WITH ATLAS JUNIOR & REALITi 360

- Lightweight, wireless and fully mobile, Atlas Junior 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 Junior can be used straight out of the box
- The functional and robust design of Atlas Junior boasts minimal to no maintenance
- You only need one REALITi system for your entire Atlas family

ATLAS JUNIOR SUPPORTING ADVANCED LIFE SUPPORT TRAINING Item No. 1024552 (light skin), 1025235 (dark skin)

Combine Atlas Junior with any REALITi 360 product to achieve more realistic simulation outcomes

TECHNICAL SPECS

- Height: 1.10m
- Weight: 7kg
- Skin color: light, dark
- Battery operation time: 8-10 hours
- Wireless: WIFI
- Internal speakers
- Durable and water resistant carry bag



CONTACT OUR SALES OFFICE TODAY TO:

- Book a demo
- Learn more about the ALS training solution from 3B Scientific
- Find out how you can upgrade with Atlas Junior if you are already training with REALiTi 360



SCAN THE QR CODE TO LEARN MORE ABOUT ATLAS JUNIOR



3B Scientific GmbH

- Ludwig-Erhard-Straße 20
- 20459 Hamburg

- Germany

3bscientific.com

Phone: +49 40 73966-0

- Fax: +49 40 73966-100

- E-mail: info@3bscientific.com

Documents / Resources

	3B Scientific REALITi 360 ALS Algorithm Training [pdf] Owner's Manual PB_1025235, 9001326, REALITi 360 ALS Algorithm Training, REALITi 360, ALS Algorithm Training, Algorithm Training, Training
---	--

References

- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.