BRAYDEN BLS PRO

ADULT, PAEDIATRIC AND INFANT CPR

The Smarter Way to CPR Excellence

- Instructor-Led Learning
- Self-directed Learning
- Objective Feedback
- Assessment and Certification
- Program Management Support Software

Compatible with

VivusCardio Connect

INNOSONIAN





Brayden BLS Pro

An award-winning range of CPR manikins, which connected to our software platform VivusCardio, provides a training system designed to meet the needs of CPR instructors responsible for BLS instruction and certification of large trainee cohorts in a variety of educational settings.

Real-time feedback on key CPR parameters via the manikin's connection to VivusCardio makes for a truly immersive and retentive learning experience. Performance feedback can be reviewed and analysed to help improve the quality of CPR and AED use both at individual and organisational levels.



Adult



Paediatric



Infant

LED light technology in the manikin provides a visual representation of perfusion of the brain when correct CPR is being performed as well as comprehensive feedback from the VivusCardio application.



VivusCardio is iOS (iPad) and Android compatible.

VivusCardio Connect

A Flexible and Engaging Learning Platform

Our platform offers a dynamic and adaptive learning experience, combining:

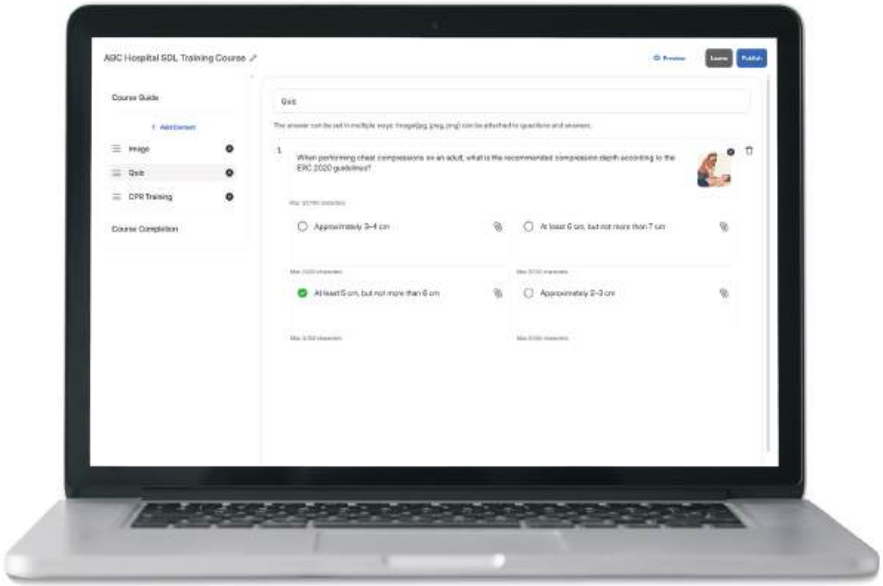
- **Video Demonstrations** for visual and practical understanding
- **Didactic Instruction** to deliver core concepts with clarity
- **Hands-On Practice** that reinforces learning through real-world application
- **Interactive Quizzes** to assess comprehension and reinforce retention
- **Comprehensive eLearning Modules** that support self-paced, personalised learning journeys

This integrated approach ensures a rich, engaging, and retentive learning experience that adapts to diverse learner needs and preferences.

Completely Customisable

Fully Guidelines compliant when used with Brayden BLS Pro manikins, VivusCardio can be customised to align with any organisation's curriculum, offering branded certification and seamless integration into existing LMS platforms.

Intuitive and easy to use, VivusCardio allows instructors to design and create content to optimise the learner's experience and training outcomes.







Build Confidence and Competence

Objective real-time feedback that's easy to interpret, easy to implement and will improve the quality of CPR... immediately!

- Hand Position
- Compression Depth
- Compression Rate
- Ventilation Volume
- Correct/Incorrect Recoil



Quality Data, Quality Debrief

- **Numeric Scoring**
  Each CPR parameter (e.g. compression depth, rate, recoil, ventilation quality) is assigned a numeric score, benchmarked against the theoretical "perfect" standard.
- **Improvement Highlights**
  Specific parameters where performance alls short are flagged, helping user focus on targeted practice.
- **Performance Metrics**
  Displays detailed results for each CPR parameter, allowing comparison between actual performance and optimal guidelines.
- **Integrated CPR and AED training and assessment**



Assessment

Following eLearning instruction and hands-on practice of CPR skills, learners complete a practical assessment, graded pass or fail with supporting data. Successful candidates will receive a certificate.





Self-Directed Learning Solution to transform your CPR training

VivusCardio is a scalable, efficient and data-driven approach to CPR training. Our self-directed learning platform makes it easy to deliver consistent, high-quality training across large trainee cohorts — without overwhelming instructors or training managers.

Efficiency at Scale

Whether you're training dozens or thousands, our system streamlines delivery so every learner can progress at their own pace, while administrators maintain full oversight.

Seamless Program Management

Centralised dashboards simplify scheduling, tracking, and reporting, giving training managers complete control over programs with minimal administrative burden.

Data-Driven Insights

Automatic collection of performance metrics and learner outcomes enables precise analysis, helping you identify strengths, gaps, and opportunities for improvement.

Quality & Competence Assured

Interactive modules and evidence-based assessments ensure learners not only understand CPR theory but also demonstrate hands-on competence.

Organisational Confidence

With reliable, validated training outcomes, organisations can trust that their staff meet the highest standards of CPR readiness and compliance.

VivusCardio Connect

Easing the administrative workload of BLS programs

- Easy access to quantitative and evaluative data of program participants' progress
- Average trainee cohort performance statistics
- Program progress over time frames
- Program revenue
- Flexible organisation of trainee groups





First Aid Training

Brayden BLS Pro is ideal for First Aid courses. Integrating both CPR training and AED use with real-time performance feedback via VivusCardio, this portable and easy to use system means training can be delivered in classrooms, workplaces, or community settings with minimal setup. This makes it possible to extend high-quality CPR training beyond traditional environments, ensuring more people can practice, refine, and retain these life-saving skills effectively.

Technical Specifications (Manikins only)

Brayden BLS Pro - Adult / Junior manikin

Type: Torso (RoHS, REACH SVHC Skin)

Opening airway: Head-tilt-chin-lift manoeuvre

Ventilation: Mouth to Mouth, Barrier Device, Bag Valve Mask (visible chest rise)

Airway: Non-breathing, disposable

CPR feedback: Display visual flow of blood from the heart to the brain when CPR performed correctly (depth, rate and recoil)

Audible feedback: Clicker on/off

Dimensions: 32cm x 59cm x 21cm (W x H x D)

Weight: 3.2kg (7.0 lb) (*including batteries)

Packed weight: 5.4kg

Dimensions packed: 37cm x 62cm x 26cm

Operating temperature: 0°C to 40°C (32°F to 104°F)

Storage temperature: -20°C to 60°C (-4°F to 140°F)

Humidity: Relative humidity between 5% and 95% (without dew condensation)

Power: Battery AA type 1.5V (6 batteries).
(Separate AC power available)

Firmware: Brayden Adult/Junior manikin firmware can be updated via the App. (Device firmware update)

Warranty: 2 years (excluding consumables)

Brayden BLS Pro – Baby

Type: Full body manikin made of non-toxic materials (RoHS, 100% silicone skin)

Airway training: Able to position head to the correct neutral position to open airway and practice correct 'Jaw Thrust/Lift' technique

Ventilation: Correct infant ventilation via an open and interconnected mouth and nose with real-time visual feedback of ventilation quality (chest rise and CPR quality indication light and chest ventilation lights).

Chest compressions: Correct chest compression training with accurate chest compliance and with real-time feedback from the carotid 'Compression light' (rate), 'Compression depth light' (depth), and the Head 'CPR quality indication light', which illuminate with correct fingers/thumbs position, rate, depth and recoil.

Size: 22.4cm x 55cm x 11.5cm (W x H x D)

Weight: 1.8kg (*including batteries)

Packed weight: 4.5kg

Operating temperature: 0°C to 40°C (32°F to 104°F)

Storage temperature: -20°C to 60°C (-4°F to 140°F)

Humidity: 5% to 95% relative humidity (avoid getting wet)

Power: Uses 4 AA alkaline batteries which last up to 6 hours with continuous use.
(Separate AC power available)

Firmware: Brayden Baby manikin firmware can be updated via the App. (Device firmware update)

Warranty: 2 years (excluding consumables)

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