BRAYDEN PRO

ADULT, PAEDIATRIC AND INFANT CPR

The Smarter Way to CPR Excellence

- Remote Learning (NEW)
- Instructor-led Learning
- Self-directed Learning
- Objective Feedback
- Customisable Training

Compliant with AHA, ARC & ERC Guidelines



INNOSONIAN



Brayden Pro

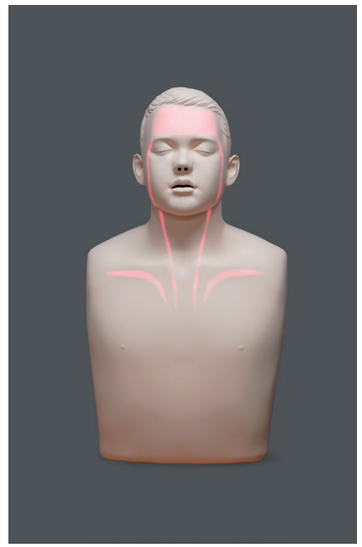
Brayden Pro is an award-winning range of CPR manikins, which with Brayden Online provides a training system designed to meet the needs of CPR instructors and trainees in a variety of educational settings.

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

Brayden Pro is available to use with Brayden Online via iOS (iPad) and Chrome.



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 Brayden Online application.



BRAYDEN OBI

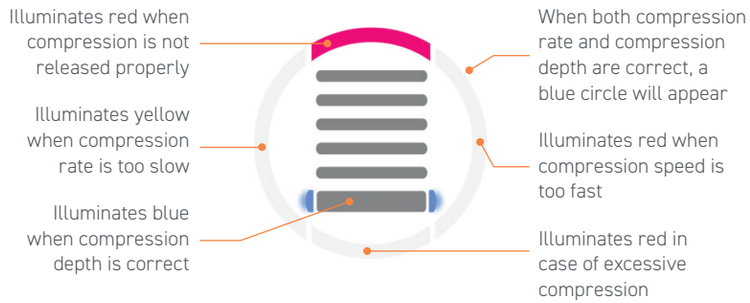
Brayden OBI Pro is our latest addition to the Brayden family. A complete manikin or a conversion kit for use with your current adult manikins, Brayden OBI Pro allows for inclusivity and diversity within your BLS training programs. Guidelines compliant, the manikin's anatomically accurate nasal and mouth features are representative of a black adult male allowing for realistic ventilation training.

Am I doing it right?

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

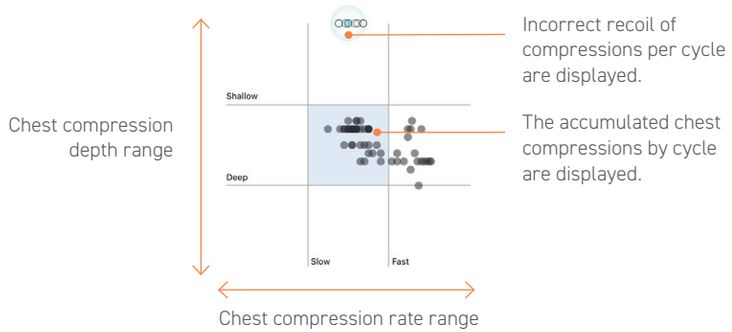
Comp. depth, Comp. rate / over time

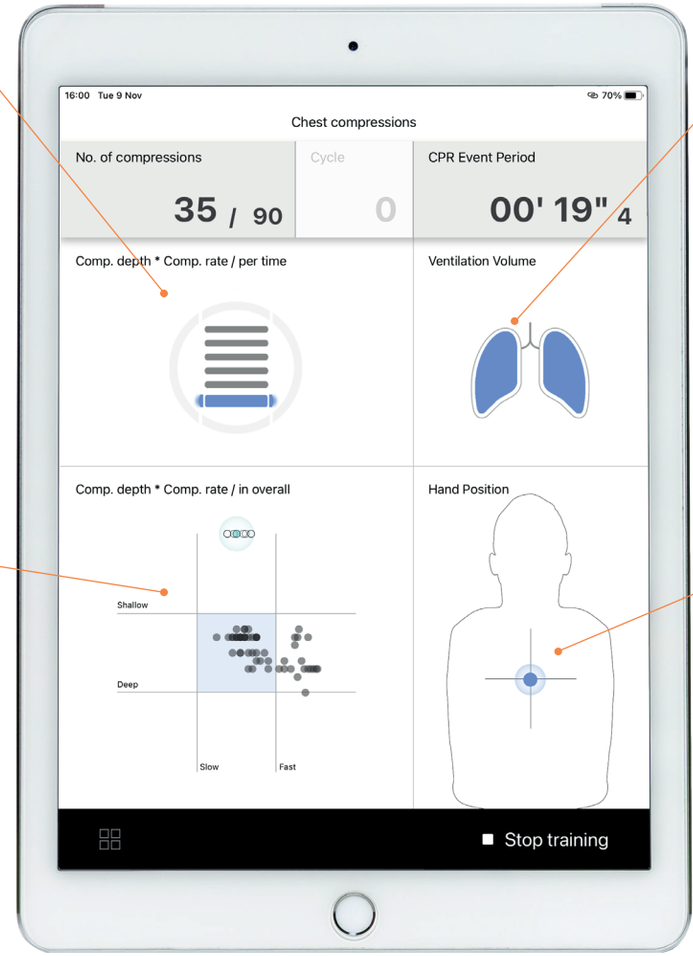
Helps the trainee to perform compressions at the correct depth, rate (speed) and with the correct recoil between compressions.



Comp. depth, Comp. rate / overall

Allows all chest compressions per cycle to be viewed to help encourage consistent and correct compressions.





Ventilation volume

Allows real-time feedback of ventilation performance with regard to the correct volume of air delivered



Insufficient ventilation volume | Correct ventilation volume | Excessive ventilation volume

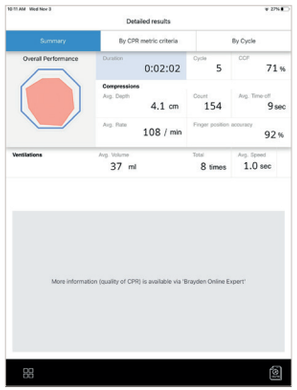
Hand position

Provides real-time feedback of hand position and provides an indication (red light) when hand position is incorrect.

What do I need to improve?

Multiple debriefing opportunities help to improve the development and retention of quality CPR performance.









Overall results

Detailed results

CPR Performance Review

- Provides a numeric score and pictorial summary of each CPR parameter measured against a theoretical perfect score to help highlight improvement needs
- Highlights performance metrics against each CPR parameter measured

CPR In-depth Analysis

- Presents detailed quantitative analysis for all relevant CPR metrics to provide an in-depth summary of performance
- Additional ventilation-specific data can be displayed for paediatric and infant training

Performance Summary

- Provides relevant information for each measured CPR parameter to help improve performance

Results by CPR Cycle

- Provides an analysis of CPR performance for each measured CPR parameter for each cycle of CPR performed



- The manikin's brachial pulse (left arm) simulates the need for CPR on an infant with a bradycardic pulse rate.
- Illuminated lungs gauge the efficacy of both ventilation volume and speed of ventilation delivery.

Quality CPR Training powered by Brayden Online

BRAYDEN ONLINE

Brayden Online is a scalable CPR training solution that is simple and effective. Whether you are an independent trainer running small classes or responsible for staff CPR compliance within a large organisation and want to integrate data into your Learning Management System (LMS) - Brayden Online has got you covered!



How do you want to run your training programs?

Brayden Online used in conjunction with Brayden Pro manikins offers extensive functionality with features designed to meet the unique and varied needs of your training programs and organisation's operational requirements. From individual skills practice and instructor monitoring to self-directed learning, assessment and certification, contact your local Innosonian Regional Representative for a full demonstration.



The Administrator functions of Brayden Online make light work of your program management!

- Easy customisation of required training to maintain competence e.g. compressions only, ventilation only
- Easy import of user records
- Easy export of user data
- Generate user records across 28 parameters
- Detailed report generation

"Working with Brayden on the scoring aspect of this system, we know the metrics have been inputted by UK and Global professionals. It's the professional standard of expected performance."

Kevin Mackie,
Consultant in Medical Education

Introducing the NEW Virtual Classroom for remote CPR training

Brayden Online now offers the possibility to run your CPR classes remotely. CPR Instructors can teach, view trainees' compression and ventilation techniques through a live stream, access full objective metrics on all parameters of trainees' CPR performance in real-time and offer live instruction to each participant as required.

- Objective feedback
- Live synchronised video feed of real-time feedback on CPR performance
- Comprehensive debriefing
- Extensive data analysis and reporting
- Integrate trainee results with your Learning Management System (LMS)
- Customisable training to meet varied curricula needs or individual trainee requirements



A Self-Directed Learning solution

Anytime, anywhere CPR training

Self-learning, self-assessment, certification, integration with your Learning Management System (LMS), data management and so much more...



"We needed a Self-Directed Learning system for nursing staff to perform CPR – BLS tests independently and without guidance from an instructor. The test results needed to automatically flow into our Hospital Learning Management System, which was why we partnered with Innosonian and chose the Brayden system. It perfectly matched our needs."

Sylvain Haekens, Head of Training & Development, Ziekenhuis Oost, Limburg Hospital, Genk at Belgium

What Does Brayden Online Offer?

Instructor

Instructors can tailor their own CPR training protocol as required by their institution.

They can determine overall scores achieved by trainees as well as fully analyse all aspects of CPR performance when needed. Additionally, they can fully manage their CPR training programs in an organised and systematic way.

Enable CPR training which is consistent with international guidelines

The system has been designed to allow institutions to choose and use CPR Guidelines which are appropriate for them, such as the American Heart Association (AHA), the American Red Cross (ARC), the European Resuscitation Council (ERC) and UK Resuscitation Council (UKRC) Guidelines.

CPR training protocols can be configured to suit the educational needs of the institution

CPR training scenarios and the Pass Mark scoring criteria can be tailored to the needs of the institution.

Training results can be stored and reviewed as required easily

Individual student CPR metrics (score, depth, rate, CCF etc) and basic information (name, affiliation, email etc) can be analysed and stored as required (28 separate items). In addition, the database can be downloaded entirely or can be edited so only required information is selected and managed.

Provision of CPR certificates which can be customised for the customer's institution

A safe training environment

SDL allows training to be carried out by trainees in a safe, socially-distanced manner.

Trainee

Trainees can plan their CPR training according to their timetable and can practice as often as they need.

They can see real-time feedback of their CPR as they perform it and can later thoroughly analyse their performance at their own pace to determine how to improve. The convenience of the SDL solution allows them to practice and maintain high quality CPR skills as often as they need.

Designed to provide Self-Directed Learning and Self-Assessment

Trainees can independently teach themselves, practice and can evaluate their performance via the assessment mode.

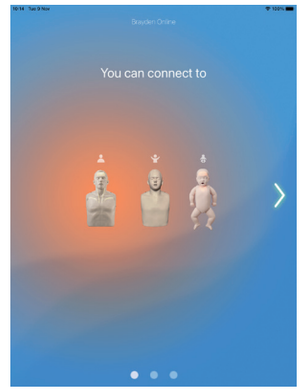
Real-time feedback helps improve good quality CPR skills

Good quality CPR training is enhanced by using easy to use feedback which trainees can quickly understand.

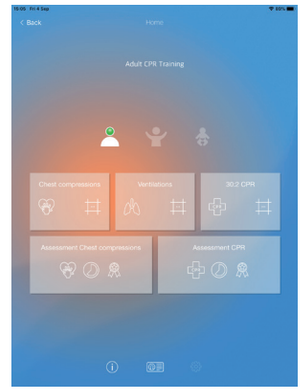
- Chest compression related feedback: depth, rate, release/recoil, hand position, graphical timeline of depth & rate.
- Ventilation related feedback: correct volume, under/over ventilation, ventilation rate.
- Additional ventilation-specific data can be displayed for paediatric and infant training.

Sophisticated ability to analyse data allowing trainees to interpret their CPR performance quickly and easily

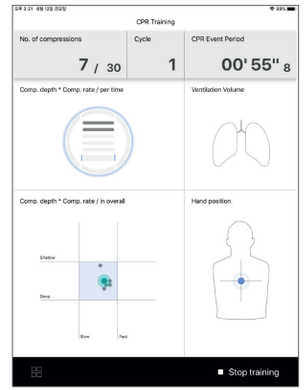
During and after training, trainees can quickly judge their performance against important CPR metrics for good quality CPR (overall score and 8 separate metrics for adult and 10 for infant (ERC)). Additionally, performance during multiple cycles of CPR can also be analysed.



Able to connect with Brayden Pro Adult, Junior and Baby manikins



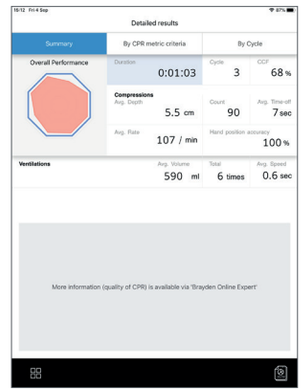
Can be used to support various training scenarios



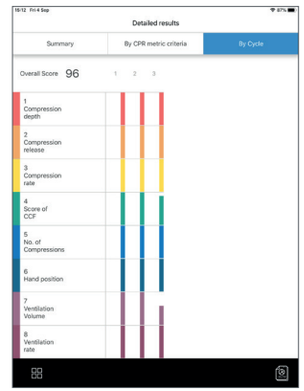
Real-time feedback of CPR performance



Overall score and 'spider chart' showing 8 CPR metrics (10 for infant – ERC)



Detailed numerical analysis of results



Analysis of performance (by CPR cycle)

The complete CPR training solution for the Independent Trainer

FREE
BRAYDEN
ONLINE
APP

Brayden Pro is easy to set up and use as a stand-alone and portable training system for the independent trainer running small classes. By connecting the manikins to an iOS iPad via Bluetooth and downloading the FREE Brayden Online Standard App, both trainers and trainees can access a wealth of relevant information to help improve CPR performance.

- Free download app
- Can be used on iPad (iOS14 or above)
- Bluetooth technology offers reliable connectivity (iPad must be connected to wifi)
- Provides various training modes to meet your needs
- Comprehensive review of CPR performance after event
- Brayden Pro Adult, Junior and Baby manikins are 2021 Guidelines compliant
- Light and portable with an easy to carry bag

- Easy to set up and use
- Intuitive real-time feedback
- Multiple debriefing modes



Self-training

Intuitive real-time feedback enables self-training - practice makes perfect!



Assessment

Can be used for full CPR scenario assessment



Technical Specifications (Manikins only)

Brayden 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 C 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 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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