

BRAYDEN^{PRO}

Improving CPR Quality



The Brayden Pro CPR training system is based on the Brayden manikin, the first CPR training manikin to display blood circulation in the upper body. The Brayden Pro manikin can also be used as a Brayden manikin (with functioning blood circulation) when it is not connected to the Brayden Pro application.



Brayden Pro provides real time feedback of key CPR parameters which can be reviewed, analysed and exported to help improve the quality of CPR performance.

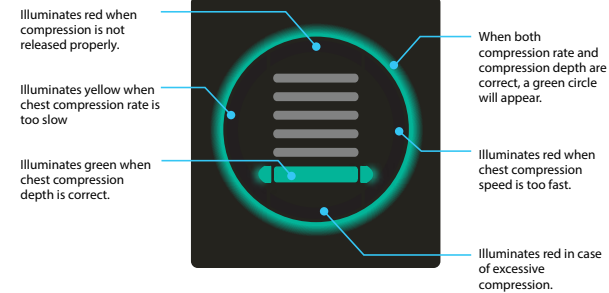
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Real time feedback

Intuitive real time feedback helps improve CPR performance.

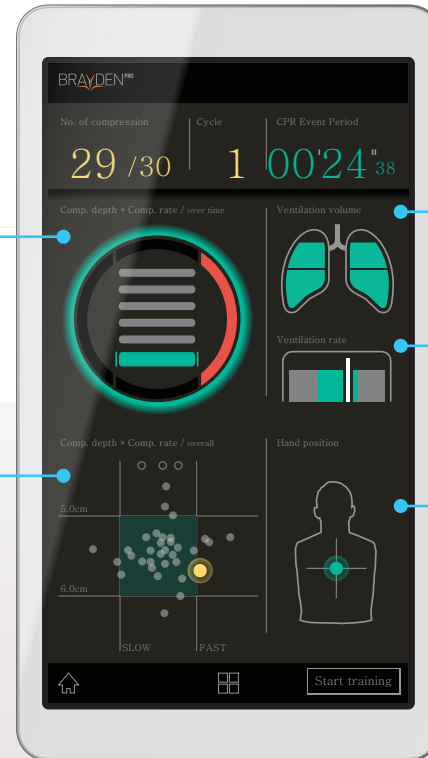
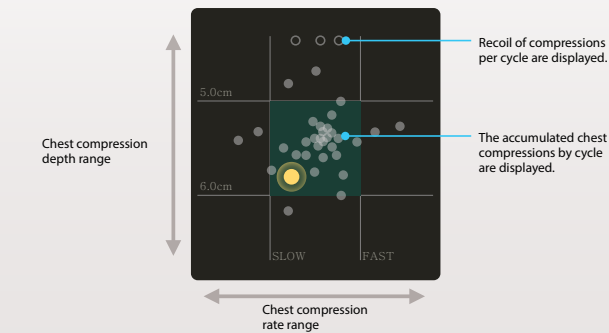
Comp. depth * Comp. rate / over time

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

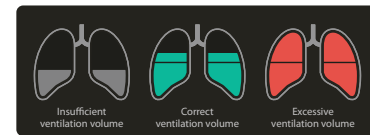


Comp. depth * Comp. rate / overall

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.



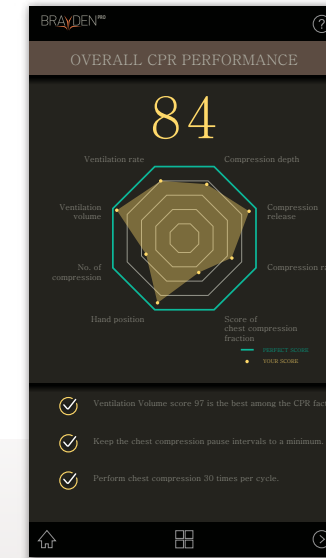
Ventilation rate
Provides real time feedback of ventilation performance with regard to the correct rate of ventilations delivered.

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

Brayden Pro can be used stably with a tablet device which is Android 6.0 or above and Bluetooth 4.1 or above

Multiple Debriefing possibilities

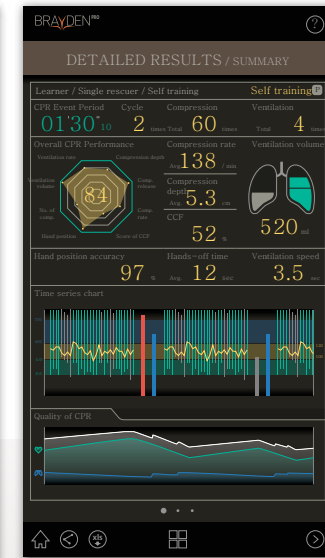
Brayden Pro provides multiple debriefing opportunities to help improve CPR performance.



Overall results

CPR performance review

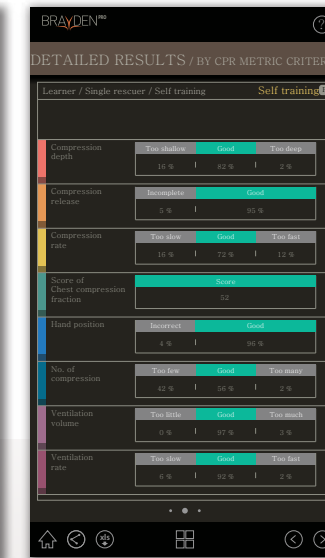
- Provides a numeric score and pictorial summary of each CPR parameter measured against a theoretical perfect score to help highlight improvement needs
- Highlights performance metrics against each CPR parameter measured



Detailed results

CPR In-depth analysis

- Presents detailed quantitative analysis for all relevant CPR metrics to provide an in-depth summary of performance
- Identifies performance over time and associated effect on CPR quality



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



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WATCH OUR FULL DEMONSTRATION VIDEO

Brayden Pro : the complete CPR training solution

Brayden Pro is easy to set up and use and provides a wealth of relevant information to help improve CPR performance.

- Free download app via Android 'Play store'
- Can be used on commonly available Android devices
- Bluetooth technology offers reliable connectivity
- 6 manikins can be connected to 1 Android device
- Provides various training modes to meet your needs (1 or 2 rescuer, compressions only, ventilations only)

Easy to set up and use

Intuitive real-time feedback

Multiple debriefing modes

Data can be easily accessed / exported

- Manikin firmware can be remotely updated via the app
- Automatic diagnostic self-checking capability
- Light and portable with an easy to carry bag
- Records can be stored and easily exported via email or social media
- Numeric data can be accessed for easy analysis via MS excel



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



Monitoring
Capable of monitoring 6 manikins at the same time - provides cost and time effective training



Assessment
Can be used for full CPR scenario assessment - including use of an AED

"Following on from the successful Brayden CPR training manikin, which has intuitive lights to effectively teach good quality CPR, the introduction of a new model called Brayden Pro takes CPR training to the next step where numeric data is required. Brayden Pro has a Bluetooth link to an App that records all key CPR metrics. The additional functionality provided by Brayden Pro will further improve and enhance the quality of debriefing to help improve CPR performance. The ability for students and instructors to obtain immediate feedback of performance using objective and numeric data will help improve the quality of CPR performance for every learner and will provide necessary data of performance when required."

- Dr. Pascal Cassan

(Head of the Global First Aid Reference Centre of the International Federation of Red Cross and Red Crescent Societies)

"The Bluetooth link between the impressive Brayden Pro manikin and the app on an android tablet greatly enhances the training value of the system. It gives not only an immediate guide to the quality of compressions, but also offers trends and a permanent record of what is being achieved. It would be hard to rival as a training system."

- Douglas Chamberlain
(Professor)

Specifications

Brayden Pro CPR training manikin

Type	Torso (* RoHS, REACH SVHC Skin)
Opening airway	Head-tilt-chin-lift Maneuver
Artificial respiration	Mouth to Mouth, Mouth to Nose (* visible chest rise)
Airway	Non-breathing, disposable
CPR feedback	Display visual flow of blood from the heart to the brain * when it is not connected to the Brayden Pro application.

Audible feedback	Clicker on/off
Dimensions	32 cm x 59 cm x 21cm (W x H x D)
Weight	3.2 kg (7.0 lb) (* including batteries)
Packed weight	5.3 kg (G/W), 4.3 kg (N/W)
Dimensions packed	37 cm x 62 cm x 26 cm
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% (non-condensing)
Warranty	2 years (* excluding consumables)
Power	Battery C type 1.5V (6 batteries) AC adapter (option) (Input AC 100 ~ 260V, Output DC 9V 1A)

Recommended specifications for Tablet PC

Operating system	Android 6.0 / BT 4.1 (* more recent versions than Android 4.3 / BT 4.0)
Resolution	1920 x 1080

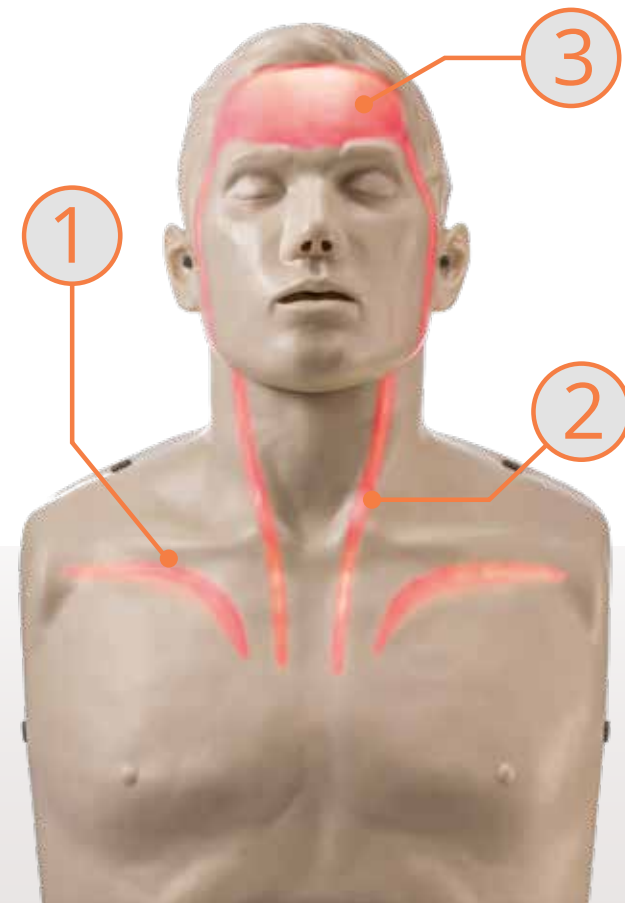
Components

Main manikin unit (1), Face skin (1), Artificial lung (1), Face shield (10), Mat bag (1), Battery (C-type) (6), Instructions for use (1)



WATCH OUR FULL
DEMONSTRATION
VIDEO

Features



1

CHEST COMPRESSION INDICATING LIGHTS

These illuminate to represent the volume of blood being circulated by the chest compressions. This volume depends on the depth of compressions. These will only fully light when the depth of compressions is over 5cm.

2

BLOOD CIRCULATION INDICATING LIGHTS

These illuminate to represent the flow of the blood from the heart to the brain. The speed of the blood flow shown varies according to the depth and speed of the compressions. These will only fully light once the rate of compressions is over 100 per minute.

3

CPR QUALITY INDICATING LIGHT

This illuminates to represent that blood is reaching the brain. This will only fully light when the depth and speed of compressions are correct.

Now with new modes!

Mode 1

Students learn ideal CPR compression speed (rate of 100–120 per minute) with effective depth (above 5cm). This mode focuses on technique and speed, including full recoil.

Mode 2

Students perfect their CPR compression to ideal depth (between 5-6 cm) and speed. This mode focuses on technique, speed, full recoil and not over-compressing.

Demonstration Mode

Show students blood flow under normal heart function.



Oral and nasal passages which allow realistic nose pinch



Head tilt and chin lift for opening airway



Audible feedback reinforces correct compression depth (Clicker ON/OFF)



6 set of alkaline batteries can power 160,000 compressions. AC supply optional



Highly realistic chest movement with correct ventilations



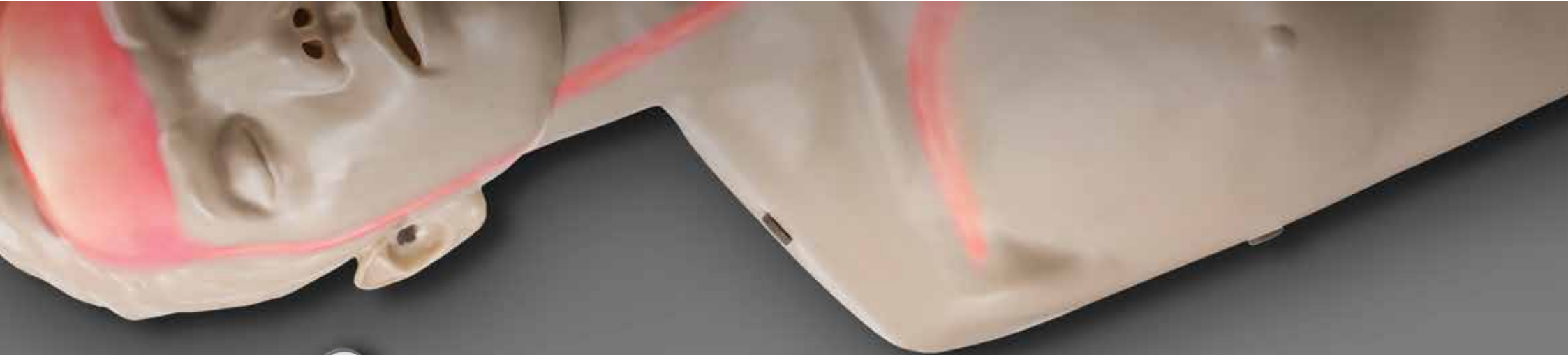
Anatomically correct. Harmless, latex-free skin. Easy AED training pad removal. RoHS & REACH compliant

"I have never had such success in teaching CPR as I'm having with these new units. The light function fascinates the students and they are more focussed on hand placement, depth of compression and compression speed than they have ever been."

Karl - First Aid Instructor, NSW



Air vent reduces the risk of cross contamination. Air from Brayden's disposable lungs exits through the back of his head. This means students never come in to contact with exhaled air.



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