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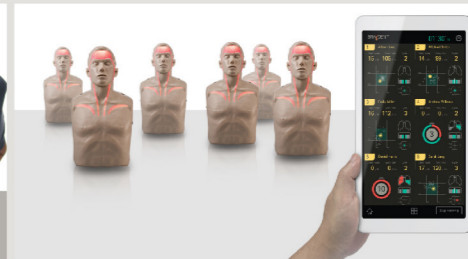
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Brayden Pro *provides real time feedback of key CPR parameters which can be reviewed, analysed and exported to help improve the quality of CPR performance.*

BRAYDEN PRO

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.

Illuminates red when compression is not released properly.

Illuminates yellow when chest compression rate is too slow.

Illuminates green when chest compression depth is correct.

When both compression rate and compression depth are correct, a green circle will appear.

Illuminates red when chest compression speed is too fast.

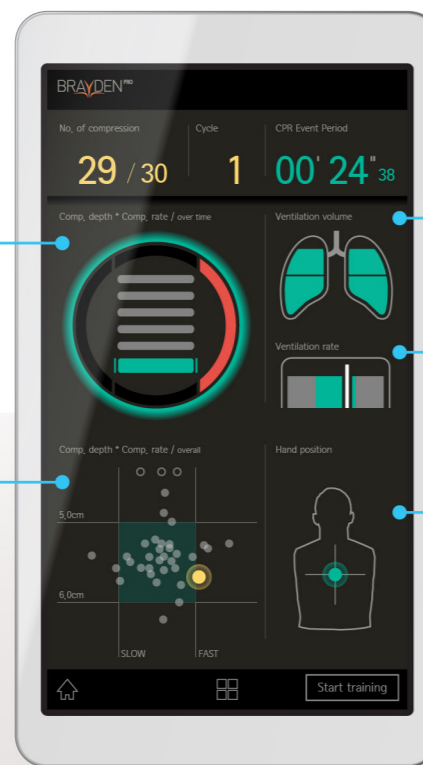Illuminates red in case of excessive compression.

Comp. depth * Comp. rate / overall
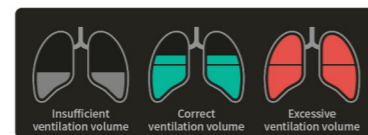Allows all chest compressions per cycle to be viewed to help encourage consistent and correct compressions.

Recoil of compressions per cycle are displayed.

The accumulated chest compressions by cycle are displayed.

Chest compression depth range

Chest compression rate range

BRAYDEN PRO

No. of compression **29 / 30**   Cycle **1**   CPR Event Period **00' 24'38**

Comp. depth * Comp. rate / over time

Ventilation volume

Insufficient ventilation volume | Correct ventilation volume | Excessive ventilation volume

Comp. depth * Comp. rate / overall

Ventilation rate

Hand position

Start training

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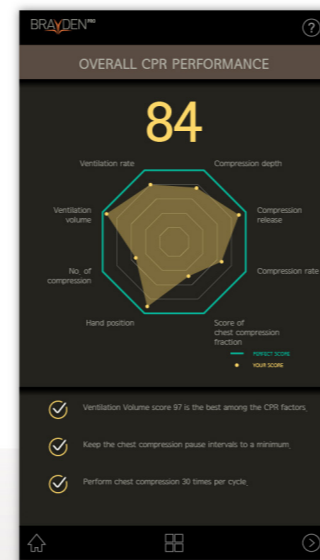
Hand position
Provides real time feedback of hand position and provides an indication (red light) when hand position is incorrect.

* 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 CPR PERFORMANCE **84**

DETAILED RESULTS / SUMMARY

DETAILED RESULTS / BY CPR METRIC CRITERIA

DETAILED RESULTS / BY CYCLE

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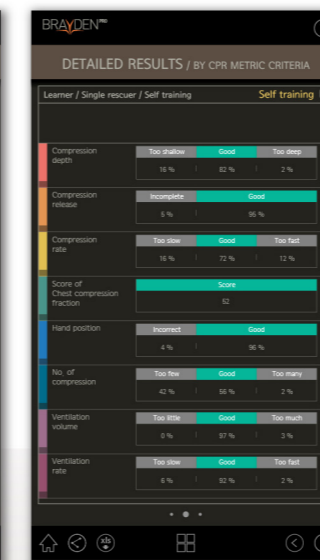
CPR performance review
- Provides a numeric score and pictorial summary of each CPR parameter measured against a theoretical perfect score to help highlight improvement needs
- Highlights performance metrics against each CPR parameter measured

CPR In-depth analysis
- Presents detailed quantitative analysis for all relevant CPR metrics to provide an in-depth summary of performance
- 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

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

BRAYDEN PRO

"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)

"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)

■ 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)

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