

QCPR App feedback symbols and scoring

The QCPR manikin includes a hardware module with a QCPR Sensor to measure compressions and ventilations.

The measurements are displayed to users onto QCPR Apps for mobile devices.

Learn more about Laerdal's CPR scoring algorithm

[CPR Scoring explained](#)

[QCPR App feedback symbols and scoring \(site.com\)](#)

QCPR App feedback symbols and scoring

The symbols used in the QCPR Classroom App and the Anniewhere web solution, are slightly different from the QCPR App, but the scoring rules are the same.

[QCPR Classroom App - How to interpret feedback symbols](#)

[Anniewhere - How to interpret feedback symbols](#)

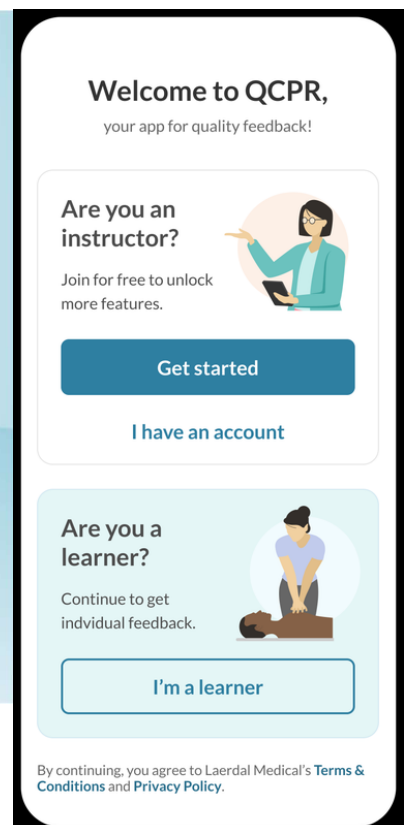
<https://laerdal.com/distributors/products/simulation-training/resuscitation-training/qcpr-app/>

Ventilation feedback

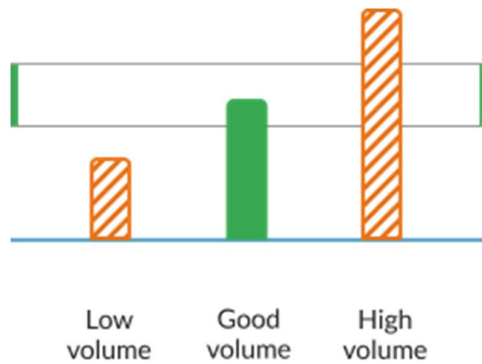
1.3.2.

Chest rise is measured from the distance between manikins back to the center of the chest.

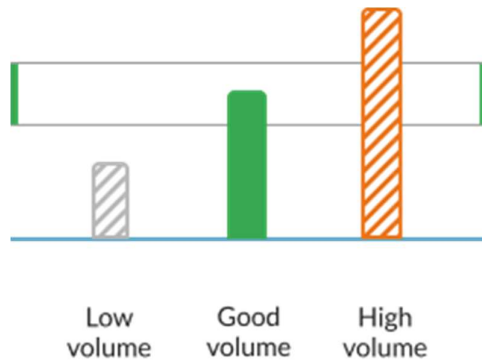
1.3.1.



For Resusci Manikins :



For Little Manikins :



Too low ventilation is not measured

RATE - Ventilation

Ventilation rate is not reported, but if 30:2 procedure is not followed this will be reported.

If e.g. 30:3 is performed, this will be reported.

Compression feedback

1.3.2.

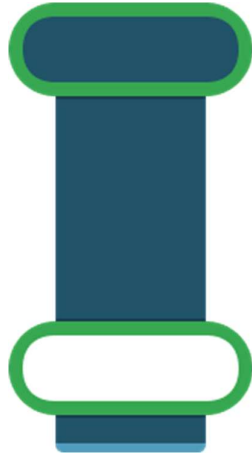
Compressions are measured from the distance between Rib plate and Back section.

Compressions are registered when chest is compressed more than 10 mm, performed at center of the chest between the nipples.



1.3.3.a. OK DEPTH- Compression

Compression Depth more than 50 mm (adult/child) or 37 mm (infant)



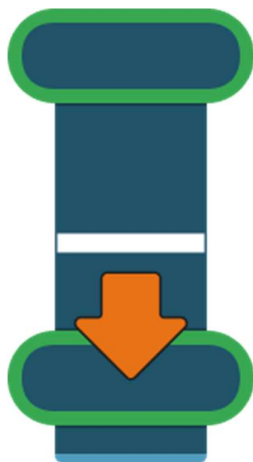
- Too deep is not reported for Little Manikins and depends on the Guideline selected.
- For simplified Learning Objectives - compressions to full manikin depth is registered as an OK compression

[Why are compressions to full manikin depth registered as OK compressions, in QCPR App?](#)

TOO SHALLOW DEPTH - Compression

Not deep enough

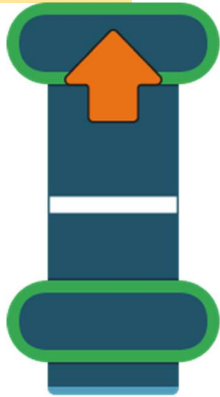
Compression Depth between 10 - 50 mm (adult/child) or 10-37 mm (infant)



- Set to ON after 4 consecutive compressions with shallow depth
- Set to OFF after a compression with adequate Depth

LEANING - Compression

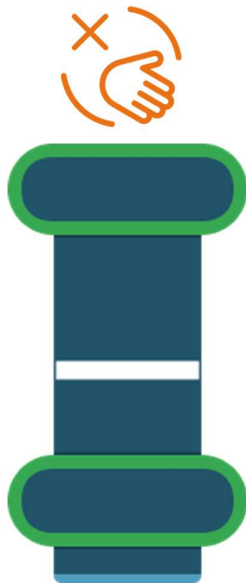
Incomplete hand release ^{1.3.3.c.}



- Set to ON after 4 consecutive compressions with incomplete release
- Set to OFF after a correctly released compression

Hand placement - Compression

Hand is positioned on wrong spot



- Only for Little Baby QCPR and Resusci QCPR manikins
- Set to ON after 1 compression with wrong hand placement
- Set to OFF after 1 compression with correct hand placement

1.3.3.b.

OK RATE - Compression

Between 100 - 120 compressions per minute



FLOW FRACTION - Compression / Ventilation

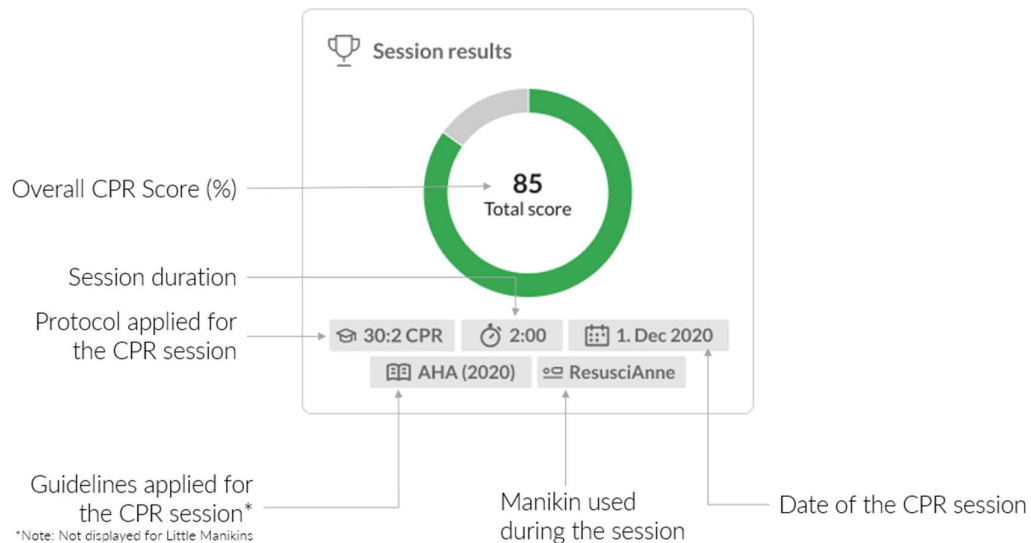
Flow fraction is the percentage of the time where compressions were given.

Below 75 % flow fraction = pause between each 30 compression cycle has been too long.

It is reasonable to pause compressions for 10 seconds to deliver 2 ventilations.


How to interpret the result details of a session ?


Overall CPR Score Section




Tips Section

In the tips section, 2 tips regarding the main topics of improvement will be displayed based on the CPR performance during the session (see example below)


Improvement tips

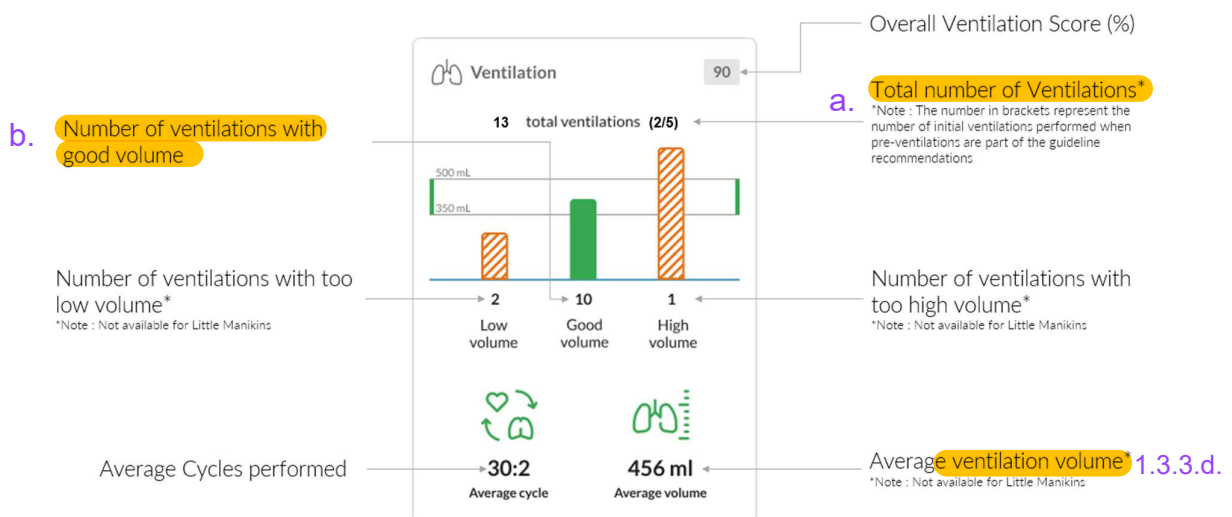

Compression recoil
 Tip: Make sure you release completely


Chest compression fraction
 Tip: Try to minimize interruptions in compressions

1.3.4. Compression Score Section



1.3.5. Ventilation Score Section



Chest Compression Fraction (Pauses) Section

