

- ✔ Better Data
- ✔ Better Decisions
- ✔ Better Performance

EQ02 B3 and B4 Sensor Belt Fitting Guidelines

A well fitted belt is essential for collecting good quality data from the EQ02 LifeMonitor; it is recommended that a belt should be fitted to the body such that it does not move during use. The sensor belt should be positioned in line with the bottom of the pectoral muscles. When positioned correctly the belt connection clasp should be central to the chest and the shoulder straps should provide gentle support without being tightly strained.

Data quality verification is useful to ascertain the correct positioning and fit. It is important that the user feels comfortable wearing the sensor belt.

How to measure for correct fit

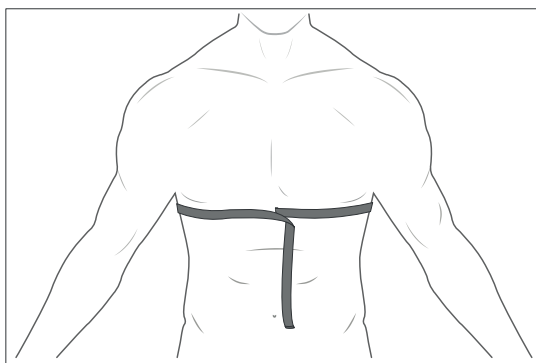


Fig 1

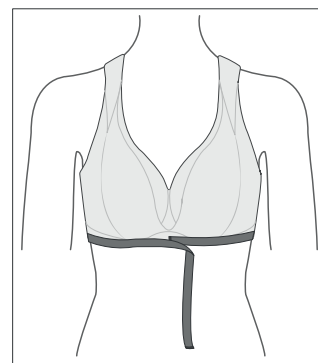


Fig 2

(Fig 1) Male Users: Measurement should be taken at the xiphisternum in line with the bottom of the pectoral muscles.

(Fig 2) Female Users: The measurement is made as for the male. Positioning of the belt may be dependent on whether the belt is worn with a bra/sports bra.

How to identify a correct fit:

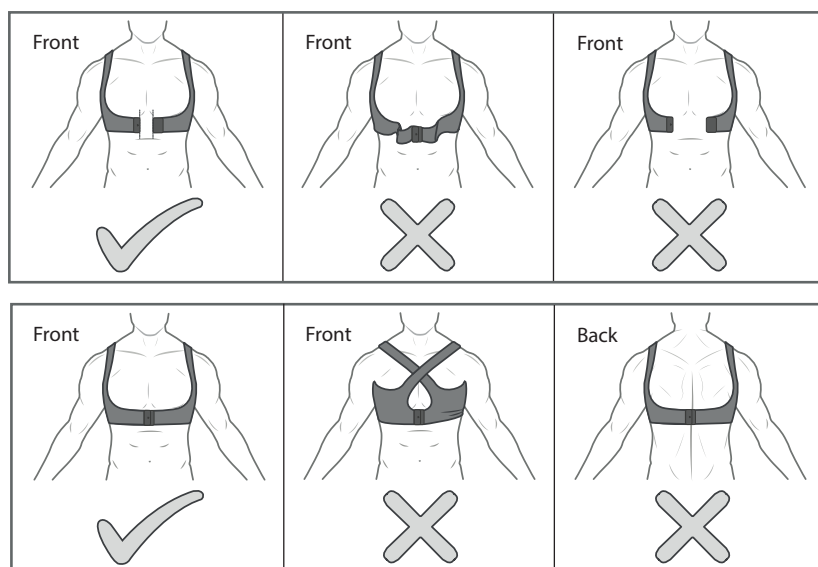


Fig 3

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Table of size distribution

Belt Size	Chest Circumference Measurement User Physique: Narrow build	Chest Circumference Measurement User Physique: Broad build
Size 1	74 - 79 cm	74 - 76 cm
Size 2	79 - 84 cm	76 - 81 cm
Size 3	84 - 89 cm	81 - 86 cm
Size 4	89 - 94 cm	86 - 91 cm
Size 5	94 - 99 cm	91 - 96 cm
Size 6	99 - 104 cm	96 - 101 cm
Size 7	104 - 109 cm	101 - 106 cm
Size 8	109 - 114 cm	106 - 111 cm
Size 9	114 - 119 cm	111 - 119 cm

Fig 4

The above table shows the size distribution for both narrow and broad build physiques.

The best way to verify belt fit with regard to data quality is by using the waveform view from eqView Pro or eqView Mobile and watching for a stable ECG trace while still and during movement, especially when rotating the upper body in place.

Identifying your body shape

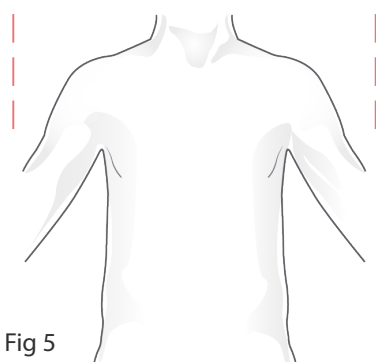


Fig 5

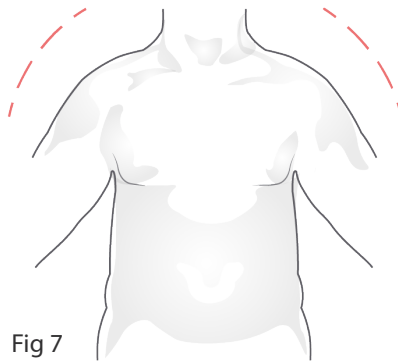


Fig 7

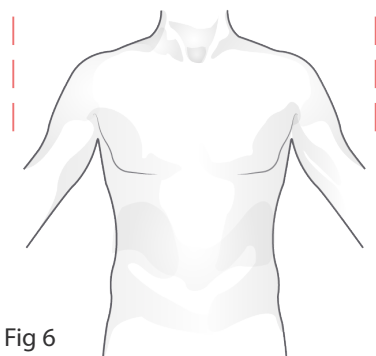


Fig 6

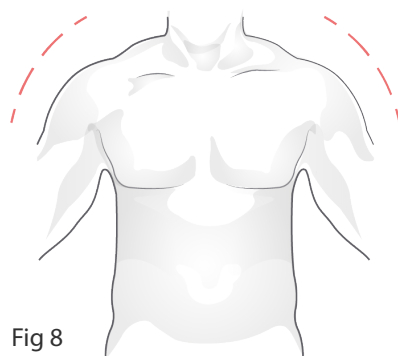


Fig 8

Body shape will impact the sizing of the sensor belt. The belt should always fit comfortably and never cause any pain or very tight sensations around the torso.

Chest Shapes: Fig 5 and Fig 6 show narrow chest shapes. Fig 7 and Fig 8 show broad chest shapes.

A larger size should be chosen if measurements border between two sizes.

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How to wear the sensor belt

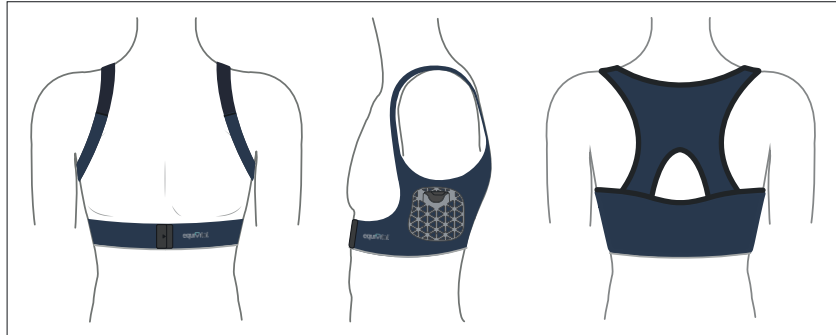


Fig 9

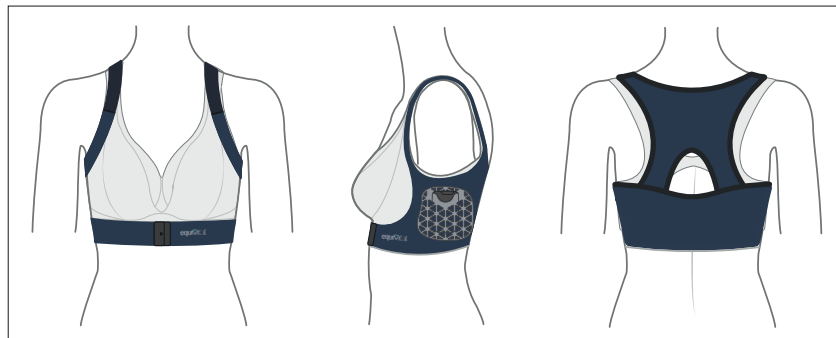


Fig 10

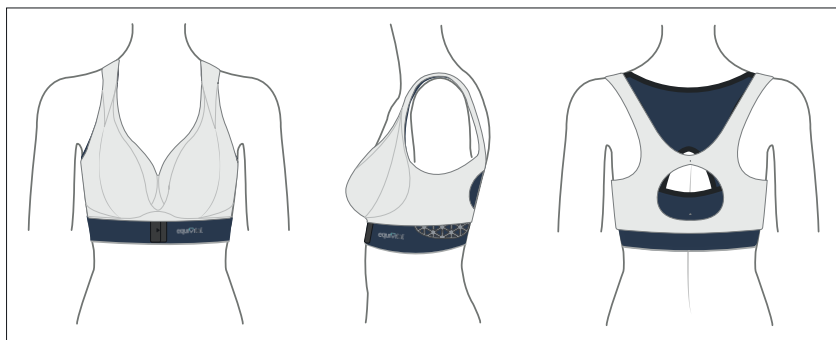


Fig 11

It is essential that the three electrodes touch bare skin at all times.

Fig 9 Male Users: The sensor belt should be worn under all other garments and equipment.

Female Users: The sensor belt can be worn either over a sports bra (Fig 10), or under a sports bra (Fig 11). (Users may have a personal preference on how to wear the belt based on comfort.)

Please consult Equivital for advice if the belt seems to fit in an unusual way, for example tight in some areas and loose in others, or if the belt seems to fit too low on the subject.