

Patient information factsheet

Sentec CO2 monitor user guide

We have given you this factsheet because your child is using a Sentec CO2 monitor. It explains how to set the monitor up for overnight use and how to put it in standby mode in the morning. You can also scan the QR code below to watch the tutorial video.



If you have any questions about the monitor, please speak to a member of the team using the details at the end of the factsheet.

Setting up the Sentec CO2 monitor for overnight use

1. The machine will be switched ON, and it must remain on at all times. The power cable (at the back of the machine) must be plugged in overnight to maintain the battery and monitoring time. Do not switch off the monitor in the morning.



2. When the machine reads 'Ready for use', it is ready.



3. Find your attachment ring. Peel the white backing paper off the attachment ring and attach the ring to the flattest part of the chest (underneath the collar bone, left or right side). You should avoid using the middle of the chest.



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4. Once applied, smooth round the edges with your finger to ensure a good seal. You can place some tape around the edges of the ring if needed.



5. Remove the top of the pipette of gel and squeeze two drops into the well of the attachment ring. The drops should be on your child's skin.



6. Once the machine reads 'Ready for use', open the door on the right-hand side. Remove the sensor and gently insert it into the ring. You should hear a "click" and it will be able to rotate without coming out.



7. If your child needs to get out of bed during the night, you can keep the sensor attached to your child's chest and detach the cable in the middle. This can be detached for as long as 30 minutes. You should reattach the cable when you are ready to restart the recording.



If you check on your child during the night and the screen reads 'Recalibration required', you should:

1. Remove the sensor from your child's chest.
2. Place the sensor back into the door (calibration chamber) with the red light facing you and close the door gently.

The machine will calibrate the sensor. This can take up to 10 minutes. When the machine reads 'Ready for use', you can reapply the sensor by repeating the steps above.



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In the morning

1. When your child wakes in the morning, leave the monitor on.
2. Remove the sensor and wipe with a tissue.
3. Place the sensor into the door (calibration chamber) with the red light facing you. If this is not done, the sensor may dry out and may not work the following day.

Contact us

If you have any questions or concerns, please contact the paediatric sleep team.

Paediatric sleep team

Telephone: **023 8120 8368** (Monday to Friday, 9am to 5pm)

There is an on-call service on the days that the Sentec CO2 monitor has been taken home. The on-call number is answered between 7pm and 9pm on these days. Please refer to the documents inside the monitor's case for the on-call number.

For a translation of this document, or a version in another format such as easy read, large print, Braille or audio, please telephone **0800 484 0135** or email **patientsupporthub@uhs.nhs.uk**

For help preparing for your visit, arranging an interpreter or accessing the hospital, please visit **www.uhs.nhs.uk/additionalsupport**