Oxygen saturation monitoring for your child

Children’s Community Nursing Team
Pulse Oximetry

Is intended to be a simple and non-invasive method of recording oxygen saturations in children.

**What is oxygen saturation monitoring?**

Oxygen saturation monitoring measures the amount of oxygen in your child's blood. It helps the healthcare team know if your child’s body is getting the oxygen it needs.

**Why does your child's oxygen saturation need to be monitored?**

The healthcare team have decided that your child's oxygen levels need to be measured for a period of time. This maybe before an operation or for children with other requirements.

**How does oxygen saturation monitoring work?**

There is a main monitor that has a long wire. This wire connects to a cover called a probe (also called a sensor). The probe is put over your child's toe. The probe has a small red light on one side and a detector on the other side. The red light shines through your child's toe and is seen by the detector on the other side. The detector measures the amount of oxygen in the blood.

The machine records all the information for the healthcare team to use.
Will the monitor or probe hurt your child?

No. The monitor and the probe are completely safe. The Nurse will show you how to correctly apply the probe. The nurse will explain that the probe can get hot and mark your child’s toe, so will need to be moved to another toe a couple of times overnight.

How long will your child be connected to the oxygen saturation monitor?

The child will need to have their oxygen saturations monitored over a period of two nights at their home when they are sleeping, this will give the healthcare team an in-depth view of the child’s oxygen requirements.

What happens next?

The data stored in the machine will be downloaded and sent to the medical team for review and they will contact you with the results.
For further information about this service contact:

Cambridgeshire Community Services NHS Trust
Children's Community Nursing Team
Children’s Unit
Hinchingbrooke Hospital
Hinchingbrooke Business Park
Huntingdon
Cambridgeshire PE29 6NT

Tel: 01480 423159
Fax: 01480 423158

If you require this information in a different format such as in large print or on audio tape, or in a different language please contact the service on the details above.

If you have any concerns about this service or suggestions for improvements, contact our Patient Advice and Liaison Service on Freephone 0800 013 2511 or email: ccs-tr.pals@nhs.net.

For free, confidential health advice and information 24 hours a day, 365 days a year please contact NHS 111.