



Health *Call*

Oximetry@Home

Background

Oximetry @ Home is a virtual ward remote monitoring solution.

Oximetry @ Home was initially developed by front line NHS teams at South Tees Hospitals NHS Foundation Trust in response to the COVID-19 pandemic.

The solution allows patients to either be 'stepped up' from primary care following a COVID-19 diagnosis, or 'stepped down' from secondary care following hospitalisation.

Patients complete their readings at set times, and depending on their results, the solution provides them with advice about what to do next.

How it works

- Patients deemed eligible are added to the system.
- Twice a day, patients provide their breathing rate, heart rate, oxygen saturation, temperature (if patient has a thermometer), type of oxygen supply and various details which may be indicative of deterioration using their app.
- Patients are sent SMS reminders to prompt them to take their readings.
- It provides an automatic response based on the observations submitted by the patient which is reviewed by the clinical team.
- Clinical teams closely monitor patient's responses and can respond accordingly.

Product features

- Patient specific oximetry ranges can be configured where appropriate to prevent false alerts where required.
- Dashboard data can be viewed by clinicians at patient level, observation severity level and non-responder level.
- Patients are prompted at 9am and 4pm to provide their readings.





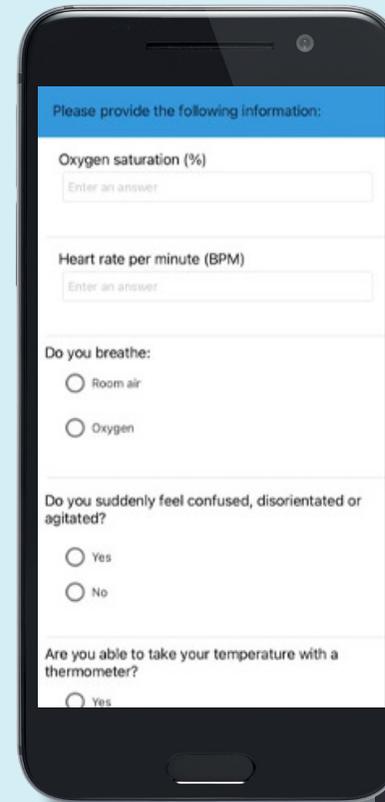
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Benefits

- Clinical teams have access to patient's readings which means they can make informed decisions.
- Patients are actively involved in their own care, managing and monitoring their own health.
- Patients whose condition deteriorates can receive clinical intervention quickly.
- Remote monitoring of appropriate patients frees up staff time.
- Oxygen level parameters can be customised to each patient.
- Patients receive instant automatic advice relevant to their readings.
- The data submitted can be analysed and reported on as required.
- More patients can be monitored without compromising on patient care and quality.
- Patients can be monitored whilst being supported by their family or carer at home.
- Can release hospital bed capacity.

Deployed

Oximetry @ Home is currently in pilot and being developed in partnership with South Tees Hospitals NHS Foundation Trust.



www.nhshealthcall.co.uk

Tel: 0191 481 4083