

David Bramley

Deputy Director, NHS@home

Overview of webinar

- What is 'silent hypoxia'?
- Oxygen saturations and the link to outcomes
- Introduction to COVID Oximetry @home and COVID virtual wards
- What this means for care homes
- Resources and signposting

Introduction



Health

Covid: How a £20 gadget could save lives

By James Gallagher
Health and science correspondent

© 21 January



Silent hypoxia is when oxygen levels in the blood drop to dangerously low levels without a person noticing (also known as 'happy hypoxia'). Identifying people early could reduce length of stay after a hospital admission and help improve survival

COVID Oximetry @home provides high-risk COVID patients with an oximeter and supporting them to self-monitor and self-escalate if their blood oxygen levels decrease (with support of carers where appropriate).

'At risk' means people with COVID, symptomatic and 65 and over **OR** clinically extremely vulnerable to COVID.

National supply of pulse oximeters (free of charge) is available (conform to latest ISO standard and CE marked). We now recommend **one oximeter per ten beds** with a minimum of two per care home. Contact your Primary Care Network clinical lead if you don't have sufficient oximeters.

From December, every Clinical Commission Group had gone live with CO@h services.

Acute hospital trusts have also set up **COVID virtual wards** to support safe and early discharge for people with a primary diagnosis of COVID-19, who have an improving clinical trajectory (symptoms, function, oxygen saturation) and have no fever for 48 hours consecutively (without medication to reduce fever).

Any questions after the webinar? Please email england.home@nhs.net.

Dr Adrian Hayter

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Kaye van der Sloot

Registered Manager, The Manor Care Home, Berkshire

‘In conversation’: A care home manager and GP lead

Why is COVID Oximetry @home important?

What does this mean for care home staff?

What does this mean for residents and families?

Dr Alison Tavaré

Regional Clinical Lead COVID Oximetry@home
Clinical Lead West of England AHSN
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COVID-19: Measuring oxygen levels

Someone you are looking after has the symptoms of COVID-19, or has had a positive test for COVID-19 or has been in hospital with COVID-19 and we need your help checking their oxygen levels.

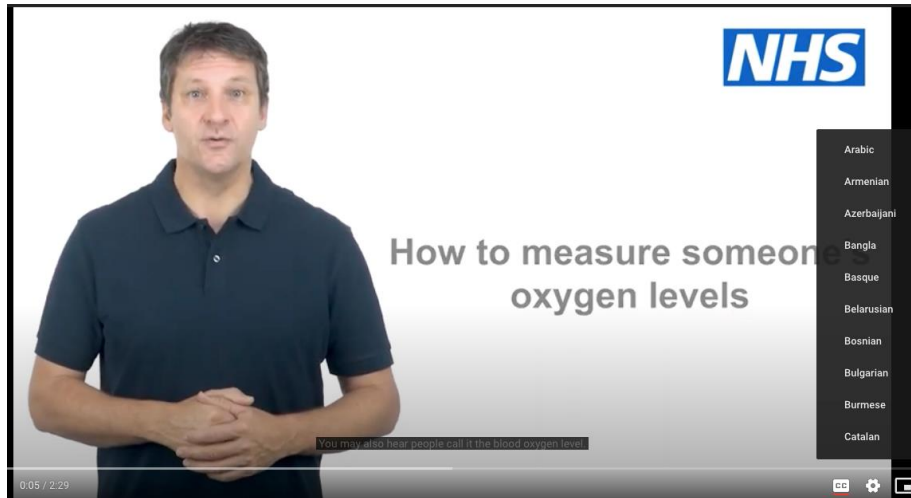
Don't worry, we are not asking you to make decisions about how people are looked after, but by checking oxygen levels you can let us know if there is a change.

This session is designed to help you to understand:

- Why you need to measure someone's oxygen levels
- How to measure oxygen levels
- How to record oxygen levels
- What you should do if you think someone is unwell
- How to tell someone you are worried

<https://portal.e-lfh.org.uk/LearningContent/LaunchForGuestAccess/684697>

COVID-19: Measuring oxygen levels



<https://portal.e-lfh.org.uk/LearningContent/LaunchForGuestAccess/684697>

Registration under the Health and Social Care Act 2008

The scope of registration

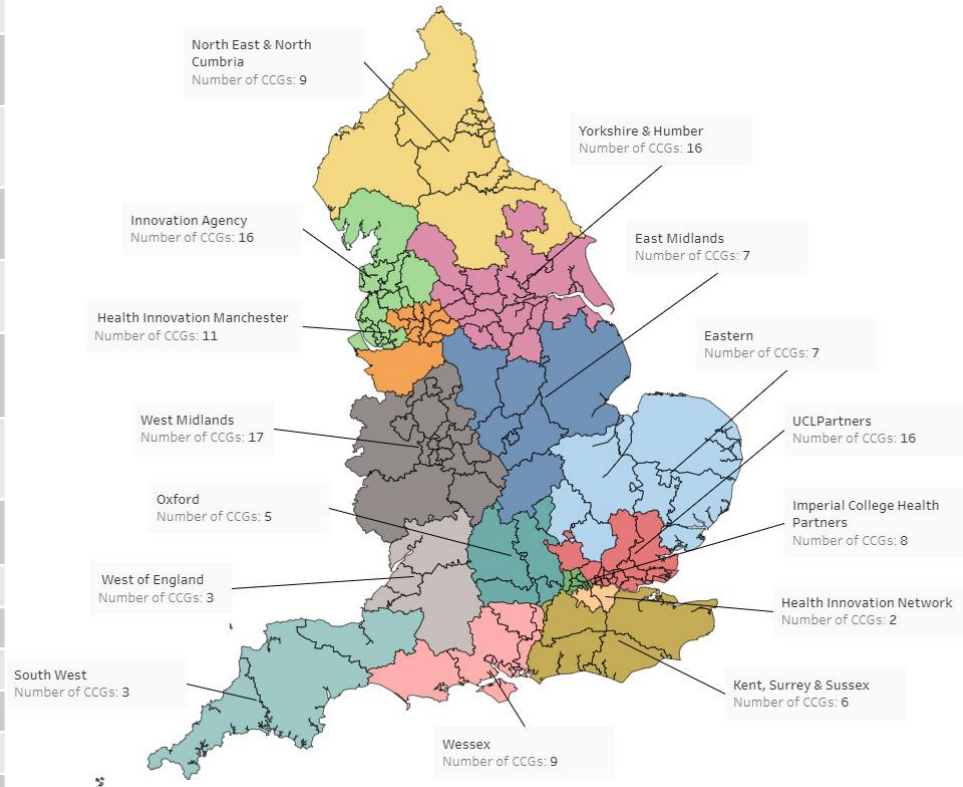
March 2015

Diagnostic and screening procedures

The following physiological tests are **not** included within the definition of physiological measurement and so will not lead to registration for this regulated activity:

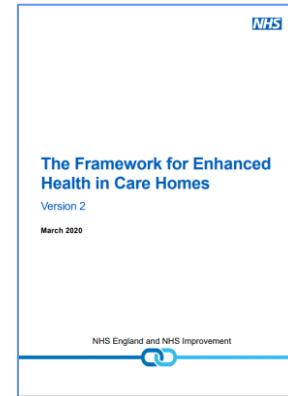
- 12 lead electrocardiograph recording (ECG).
- Pulse oximetry when used for 'spot' recording.
- Peak expiratory flow measured by a peak flow meter.
- Screening or non-diagnostic spirometry.
- Non-ambulatory blood pressure recording.

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What Patient Safety Collaboratives and AHSNs can offer

- Physical deterioration and medicines safety programmes – support EHCH
- Bespoke quality improvement support
- Sharing learning
- Resources and advice
- Data sources
- Digital solutions
- Evaluation



Breid O'Brien

Deputy Director of Digital Health, NHSX

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Take up of remote monitoring schemes by region: Care Homes

North West

DOCOBO

- Lancashire & South Cumbria, Cheshire & Merseyside



Midlands

DOCOBO

- The Black Country, Telford & Wrekin, Hereford & Worcester, Coventry & Warwickshire



South West

BAYWAYTER (LD)

- Gloucestershire

MyHealthGuide / HEARMENOW (LD)

- Bristol, N. Somerset & S. Gloucestershire, Somerset

GETUBETTER APP

- Bristol, N. Somerset & S. Gloucestershire

MYSENSE

- Somerset



North East & Yorkshire

HEALTHCALL

- North East & North Cumbria South Yorkshire & Bassetlaw

TYTOCARE

- Kirklees

DOCOBO

- Humber Coast & Vale



East of England

WZHAN

- Suffolk & North East Essex, Beds, Luton, & Milton Keynes, Mid & South Essex, Cambridge & Peterborough

DOCCLA & Yellow Bracelets

- Beds, Luton, & Milton Keynes

Current Health

- Suffolk & North East Essex



London

Arc & Docobo

- South East London

CURRENT HEALTH, HUMA, LUSCII, INHEALTHCARE

- North West London

Whzan

- South West London & North Central London

FEEBRIS & INHEALTHCARE

- North East London

VCare

- South West London



South East

DOCOBO

- Kent & Medway

Jon Sussex

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Rapid evaluation of oximetry in care homes

Team and funding

- Prof Robin Miller (University of Birmingham, BRACE)
- Jon Sussex (RAND Europe, BRACE)
- Manbinder Sidhu (University of Birmingham, BRACE)
- Jenny Bousfield (RAND Europe, BRACE)
- Barbara Janta (RAND Europe, BRACE)
- Ian Litchfield (University of Birmingham, BRACE)
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Study aims

To understand:

1. How pulse oximetry is being used in care homes, for which conditions (not just COVID) and in which circumstances.
 - This includes the source of pulse oximeters, the staff involved, the level of training received by care home staff to deliver pulse oximetry and remote monitoring, the recording and storing of data, pathways for escalation and the level of support from primary, secondary and community care teams.
2. How the use of pulse oximetry in care homes might be optimised, including an understanding of resources, approaches and activities necessary to sustain its use.
 - This includes support from national and regional NHS bodies and clinicians.

Methods and timescale

- Online survey of (registered managers of) care homes in England
- Six qualitative, interview-based, case studies
- Study timeframe: January – May 2021

Q&A session

Jo Murray, Patient Safety Programme Manager, Oxford AHSN
Emma Self, Policy Lead for Enhanced Health in Care Homes,
NHS England and NHS Improvement

Please ask any questions using the chat function.