

A global discovery forum

Bringing together the world's leading clinicians and researchers to unlock big breakthroughs in mental health treatment and elderly care.

Powered by **oxevision**



oxehealth
CLINICAL RESEARCH FORUM

Our priorities



Helping doctors and nurses to study how Oxevision can support them to improve care outcomes.



Enabling researchers to develop novel biomarkers and care insights that transform patient care.



Bringing together pioneers of mental health and elderly care to accelerate treatment breakthroughs.

About

oxehealth

Oxehealth is a pioneer in non-intrusive patient monitoring.

The company was born out of the Oxford University Institute of Biomedical Engineering and is dedicated to helping clinicians to deliver safer, higher quality and more efficient care.

In 2016, in partnership with the NHS, Oxehealth won the Health Service Journal (HSJ) award for the Best Healthtech Solution for Patient Safety. Since then Oxehealth has also won three HSJ Partnership awards.

About

oxevision

Oxehealth's Oxevision is a contact-free patient monitoring and management system that uses an optical sensor (an infrared sensitive camera) to provide clinical teams with actionable data.

Oxevision incorporates Vital Signs — a medical device cleared for use in the UK, Europe and the USA — which enables clinicians to measure pulse and breathing rate without any device being attached to the patient. The system also uses movement detection software to notify staff of activity that may indicate a patient needs help; for example, if they have been in the bathroom for a long time or if someone who is at risk of falling is getting out of bed.

Oxevision works continuously and relays information to staff through a computer in the nursing station and through dedicated tablets for use when staff are moving around the ward. The information provided by the system helps clinicians to plan the best care and to intervene proactively to help their patients.

Project spotlight

Patient and staff experiences of Oxevision

Background

It is important to understand how patients and staff respond to technologies like Oxevision that are introduced into the healthcare system. Although previous projects have gathered the responses of patients and staff in specific settings, it is now appropriate to conduct broader and more systematic analyses across multiple settings. This will allow common themes to be identified and the published results will help to guide others in the adoption of new technologies.

The project

Several academic and clinical collaborators are undertaking research into patient and staff responses to Oxevision.

Patients' views and experiences in relation to Oxevision will be gathered in settings where Oxevision has been installed and is in routine use. Semi-structured interviews will be performed, with additional quantitative surveys where appropriate, for patients who would like to participate.

Researchers will also study how staff use Oxevision in routine practice, to establish how it integrates into clinical workflows and how long-term benefits may best be obtained.

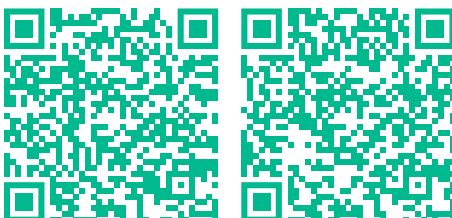
The studies will be conducted with Health Research Authority (HRA) approvals and other appropriate governance in place. The research will not affect the care received by patients or the processes followed by ward staff, but will involve researchers observing existing practices and collecting information on the views of patients and staff.

The findings will be published in the academic literature, as novel research into technology that supports ward staff in caring for patients. It is hoped that the published findings will help potential users of these types of technologies to understand how the systems can best be adopted to support staff in caring for patients.



“Having seen first-hand the benefits of Oxevision and the positive reception from patients and staff, I am keen to explore responses more widely and share these learnings with others”

Dr Faith Ndebele, Consultant Psychiatrist, Solent NHS Trust



Prior to this project, Oxehealth has worked with a number of NHS trusts to collect feedback from patients and staff about their experience with Oxevision.

To read the reports, scan the QR codes or visit oxe.health/patient-experience-report and oxe.health/staff-experience-report.