



Essex Partnership University
NHS Foundation Trust

STORIES FROM THE WARD

PATRICIA

ACUTE

Saving valuable time

as told by Jane Biner

oxehealth

Patricia¹ was admitted to the female acute ward on 30th March² due to several self-harm attempts and low mood. Patricia would regularly engage in self-harm and relied on staff to intervene before she was seriously hurt.

Jane and her team used Oxehealth's Oxevision to take vital sign measurements of Patricia in her bedroom, remotely, to ensure she was safe in between observation rounds.

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*I used Oxevision to take an observation of Patricia in her room, and I saw that **she had a plastic bag tied around her head.***

*I immediately went to her bedroom and removed the plastic bag. She had not suffered any injuries, but **she appeared to start having a seizure.** When she came around, **she said she couldn't see or hear anything.***

*Previously, Patricia has **exaggerated how ill she had been.** We decided to give her some space and continue observing her in her bedroom, from the nurse's office using Oxevision.*

When a patient has a seizure, the duty doctor is called to the ward to review the patient, which is often followed by a transfer to A&E for further assessment as a precaution.

Jane and her team use the vital signs functionality of Oxevision to take remote medical-grade pulse and breathing rate measurements to ensure the patient is safe whilst waiting for the duty doctor to arrive.

*We took pulse and breathing rate measurements which were in the normal range, and **her presentation wasn't consistent with having had a seizure.***

*Being able to observe her and collect objective data on her physical health using Oxevision meant that we could be **confident that she was ok.** This allowed us to **save valuable time for the doctor and A&E staff** and engage her in treatment in the right way.*

Jane Biner, Charge Nurse, female acute ward



¹ A pseudonym has been used to maintain patient anonymity

² The dates have been changed to maintain patient anonymity

ABOUT OXEHEALTH

Oxehealth's Oxevision supports Mental Health organisations to improve inpatient safety and quality whilst giving clinicians more time to care.

Oxevision uses an optical sensor to pay attention to patients in bedrooms when staff can't be there. The Vital Signs module enables staff to take contact-free vital sign spot checks without entering the room. The system provides real time alerts to high-risk activity and displays activity and behaviour reports.

Oxehealth has won the HSJ Patient Safety Award for "Best HealthTech Solution" and Regional Parliamentary "The Future NHS" Award. Oxevision has been highlighted as an example of outstanding practice by the CQC¹.

FOOTNOTES

The Oxehealth Vitals Signs device is a certified medical device in Europe. It is intended for non-invasive spot measurements of pulse rate and respiratory rate. It is a fixed-installed device for use within single occupancy rooms within hospitals, general care, domestic and secured environments where a framework exists which mandates period checks by a trained professional to ensure subject safety. See Instructions for Use for intended use, contraindications, warnings, cautions, usage directions and maintenance.

The activity detection, fall risk, activity tracker and sleep products are activity trackers and do not have a medical purpose or functionality. They are not patient monitors or vital signs monitors. They cannot be used to make a medical or clinical decision.

¹ See <https://oxe.health/cqc-cwpt>

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