

digitalhealth

REWIRED
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Headline Sponsors:



Lauren Trepte & Miss Natalie Nunes

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Chelsea and Westminster NHS Fdn Trust



**SMART
HEALTH
STAGE**

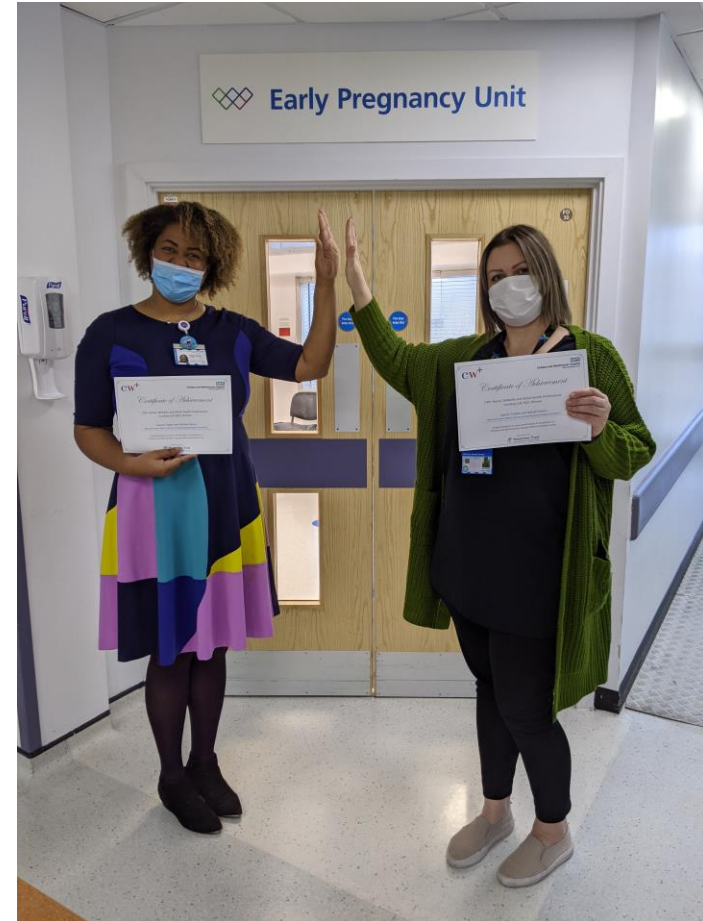
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ALCIDION

An Overview

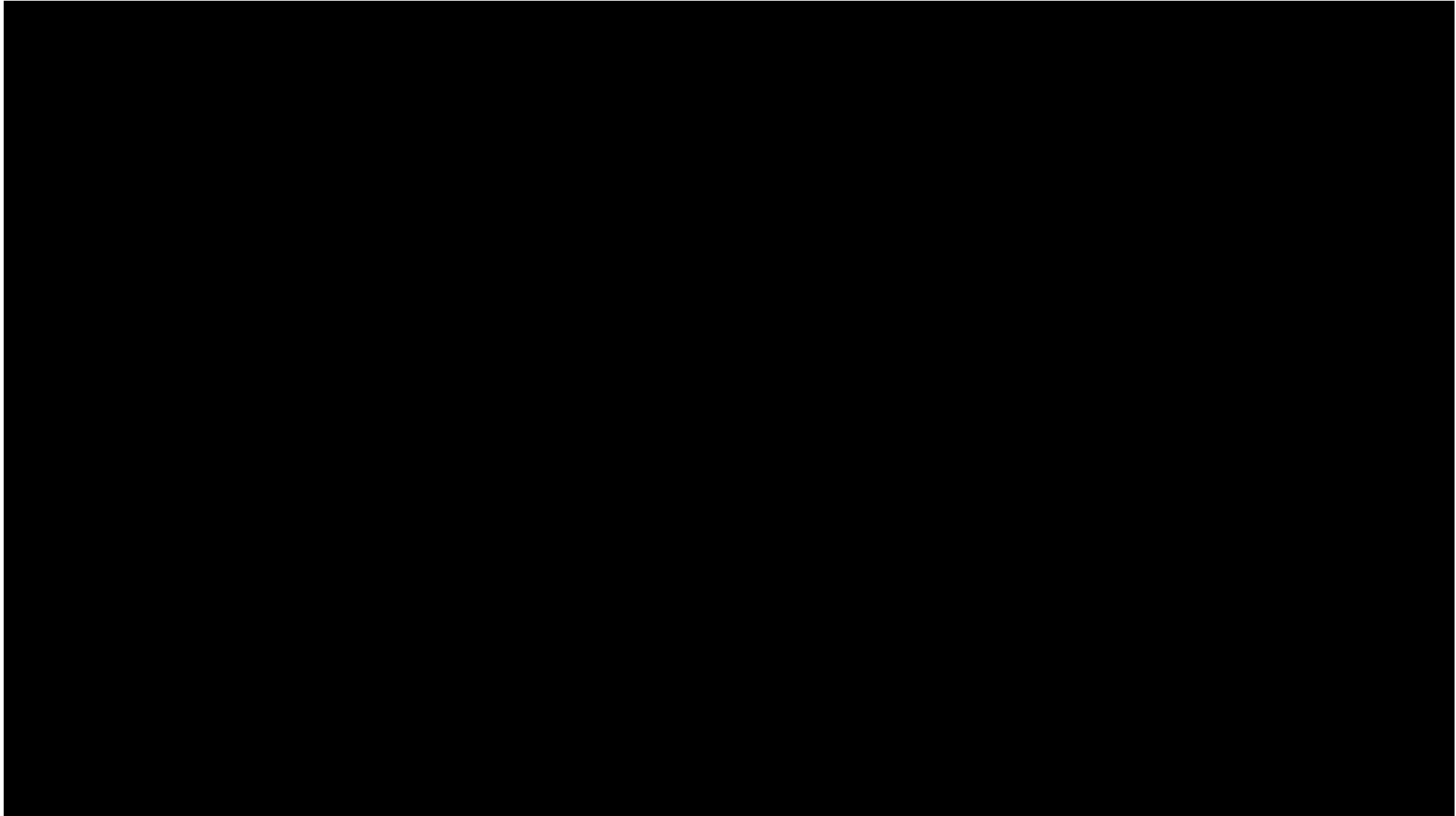
- A collaboration between Miss Natalie Nunes (O&G Consultant) and Lauren Trepte (Research Midwife) in the Early Pregnancy Unit.
- Awarded funding from CW+ Nurse, Midwife, and Allied Health Professional Funding Call 2021
- The use of Virtual Reality (VR) Headsets for women experiencing pregnancy loss who are attending for a Manual Vacuum Aspiration Procedure (MVA).
- The VR headsets give the women an alternative view during the procedure with the view to lowering anxiety and pain.



Standard View During Treatment



Eirene View



Smileyscope

1 Therapy



2 Breathe



3 Relax



4 Meditation



Smileyscope provides VR across the complete spectrum of patients needs from breathing and relaxation exercises to procedural choreographed pain / anxiety management

Smileyscope

smileyscope.com

Hospital-grade VR device, exceeds infection control standards

☑ Regulated Class 1 medical device

Smileyscope is a regulatory compliant medical device in multiple geographies

- Australia: TGA registered¹
- USA: FDA defined low risk device²
- Europe: CE-mark registered³

Comprehensive quality management systems meeting or exceeding international hospital hygiene standards



✓ Infection control features

Streamlined design

- Smooth touch
- Engineered to meet or exceed hospital cleaning standards

Medical-grade materials

- Durable antimicrobial protection (Microban®)
- Silicon head strap wipeable and/or removed to clean
- No fabric

✦✦✦ Cleaning guidelines

Chemical disinfectant⁴

- Wipe down pre-and-post use
- Compatible with all healthcare point-of-care wipes

⚠ Precautions

Assess suitability case-by-case⁵

- Avoid using in patients under contact precautions
- Take care with immunocompromised patients
- Not to be used with programmable shunts or epilepsy
- Do not bring into MRI

1. Australian Register of Therapeutic Goods (ARTG) Class 1 medical device (#297181). 2. FDA - Low risk device, subject to enforcement discretion. 3. CE Mark registration number DE/CA20/05-Europecert-58/20. 4. Subject to local infection control protocols. 5. Intended for use by healthcare personnel based on clinical judgement and local infection control protocols. Microban® is a trademark of 3M company.

The VR Headsets in Practice



- Sets the tone for the clinical environment
- Empowers women in their choices
- Opened up conversations about further service improvements

- Women feel they are receiving individualized care
- Helps build a positive relationship with the women



Patient Feedback Form Audit

- Greater sense of autonomy and choice – 70% uptake
- Greater inclusivity – equality and diversity
- Those using the headsets have lower pain scores
- 100% of women using the headsets would recommend them
- Felt listened to and their experience was valued
- Women who used the headsets more likely to give detailed feedback

The Vision

- For the virtual reality head sets use to be embedded in outpatient medical miscarriage procedures
- Raising the profile of women centered care at the trust
- Pioneers in women's health services
- A study to be conducted in the use of Virtual Reality headsets for this procedure.
- To extend the use of the headsets to other NHS Trusts
- Expand to other womens health services – sexual health, maternity and beyond!



Any Questions?

