



Benefits of VR in Healthcare

STAFF

- Remove need for repeated training (time and cost saving)
- Improved insight into student performance (assessment and analytics)

STUDENTS

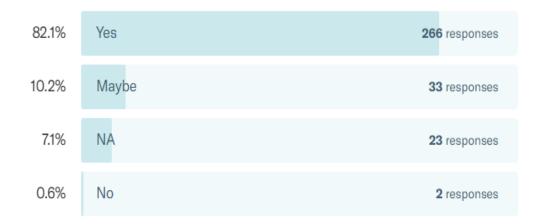
- Ability to practice in own time
- Immediate performance related feedback
- Build competence and confidence

HEALTHCARE INDUSTRY

- Better trained professionals
- Reduce potential for errors
- Improved patient safety

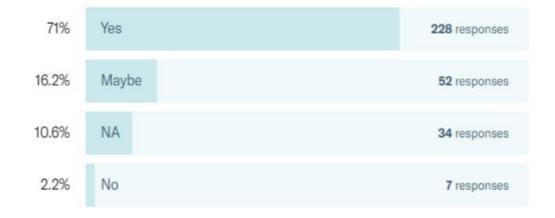
324 out of 333 people answered this question

OUR JOURNEY 2019-present





321 out of 333 people answered this question











2x Health Education England. NLP for medical history taking.
(Sentira^{XR} SME partner/UoM). >£100,000
Alzheimer's Disease, Diabetes, Crohn's disease, Lung cancer, SALT



Investor funding (tracheostomy sim) £250,000

Wellbeing Simulation (NDA)
Private company/investors

THE TEAM





Jeremy Carter
CEO
>20 years commercial EdTech
experience



Dr Antony Payton
Founder and Director
Senior Lecturer Healthcare
Sciences, UoM



Dr Martin Fergie Founder and CTO Lecturer and researcher in AI, UoM



Emily Johnstone Lead VR Developer



Victoria Zabolotna Project Manager



Graham Robinson 3D Artist & Designer



Alexandra Warwick NLP QA



VR Mindfulness Programme: Alcoholism

Dr Stephen Kaar (Consultant Addition Psychiatrist)
Chapman-Barker NHS Unit in Manchester
Prof Rebecca Elliott (Chair in Affective Neuroscience)
The University of Manchester

4-week (2 sessions per week) mindfulness intervention



PITFALL 1: FAST MOVING TECH







2019 2020

2022

2023

2024









NLP, voice cloning, procedures



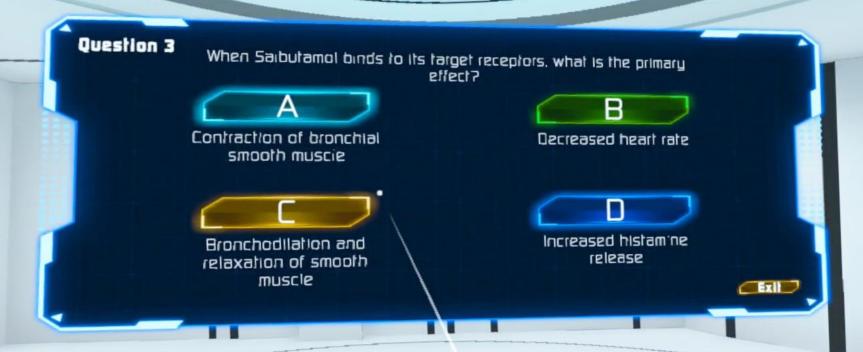




Onboarding, Tutorial, Assessment, Feedback



SALBUTAMOL AND BECLOMETHASONE QUIZ









Multiuser





Alzheimer's Disease Patient





Wellbeing Simulation





STOP STREAMING





Designing a Virtual Reality Experience

Accessible

for patients (e.g., disabilities, languages) ChatGPT 4 supports >80 languages



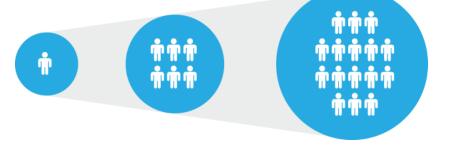
Easy to use/learn

Scalable:

Individuals or large hospitals









PITFALL 2: Adequate Support

- Storage/Distribution
- Setup time (1hr/headset)
- MDM Platform
- Maintenance costs
- Space
- Staff training
- Evaluation











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