

FBMH VR Workshop, 4th Sept 2024.

Dr Tony Payton:
Senior Lecturer Healthcare Sciences, UoM
Director and Founder SentiraXR
JiscXR Steering Group/Chair of UoM VR@Manchester

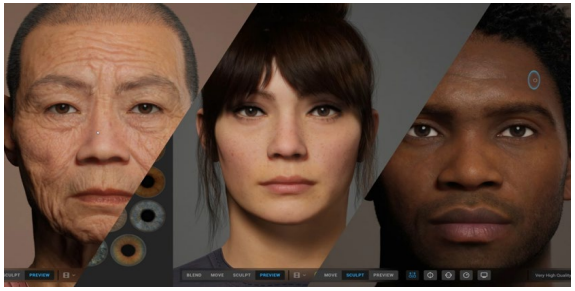
Fast moving Technology

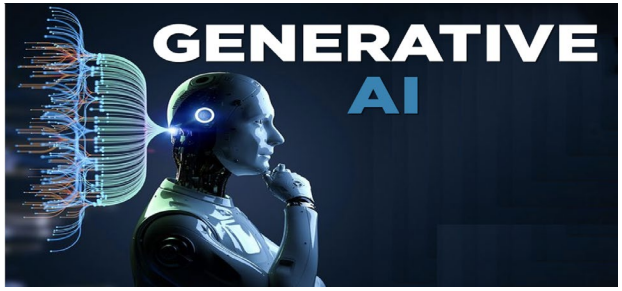






2019 2020 2022 2023 2024







Benefits of VR in E&T

STAFF

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

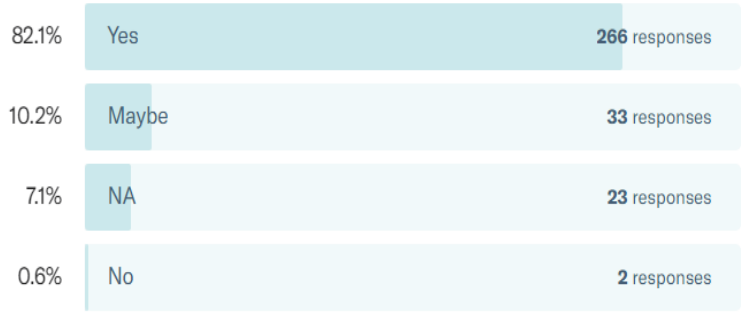
STUDENTS

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

Students

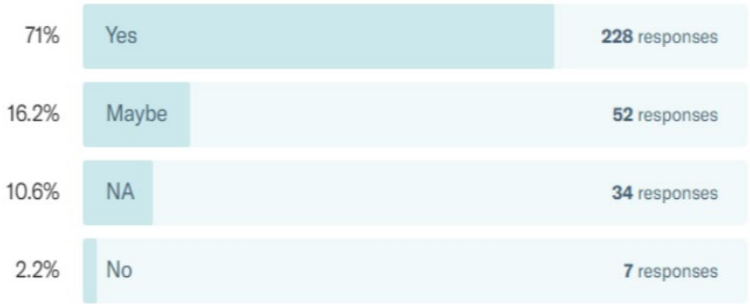
16 Would VR enhance your learning experience?

324 out of 333 people answered this question



17 Would you more likely enrol on a course that includes VR as a teaching tool?

321 out of 333 people answered this question



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



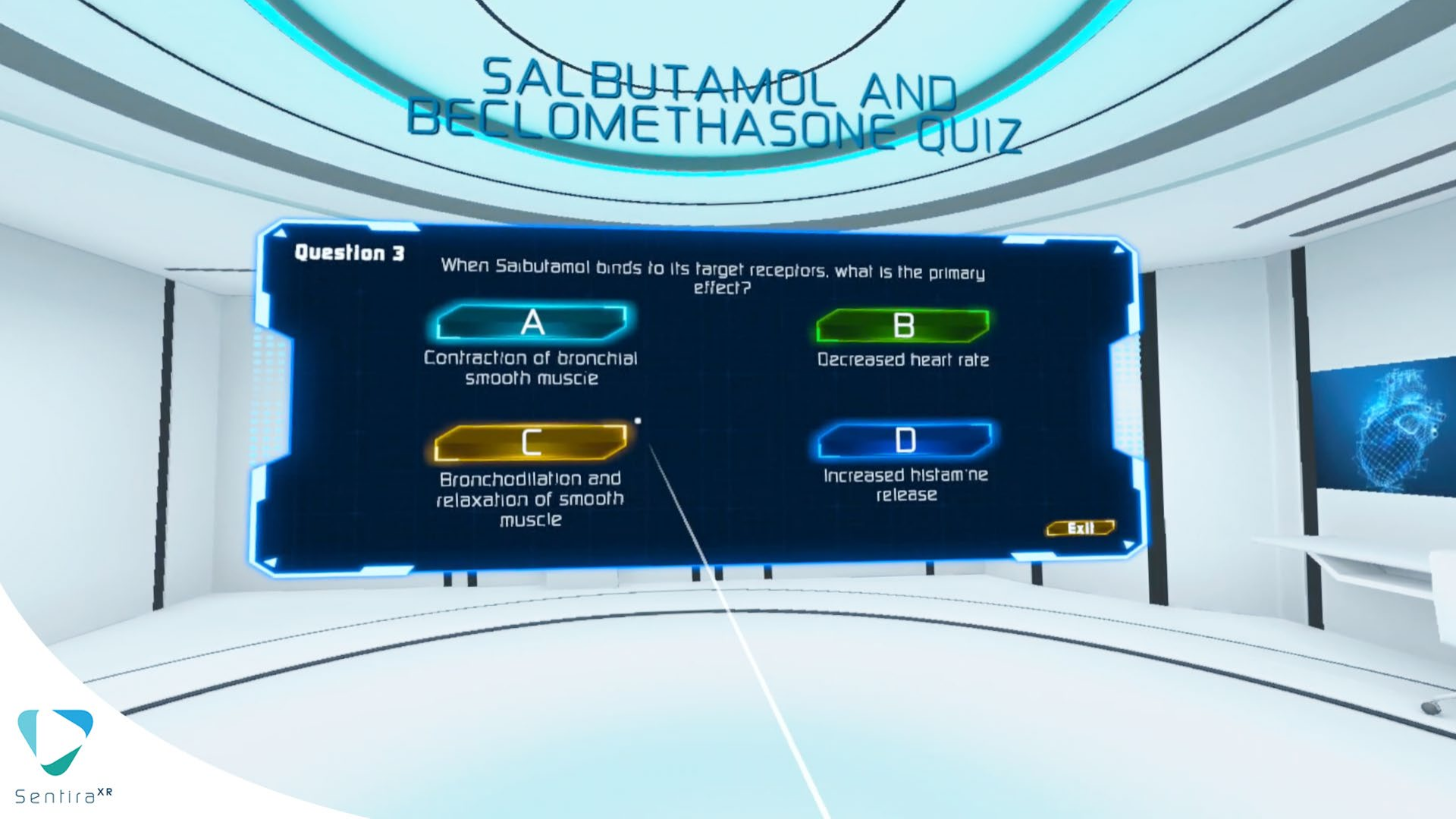
Alexandra Warwick
NLP QA

GenAI-NLP, voice cloning, procedures



Onboarding, Tutorial, Assessment, Feedback




SALBUTAMOL AND BECLOMETHASONE QUIZ
Question 3
When Salbutamol binds to its target receptors, what is the primary effect?
A
Contraction of bronchial smooth muscle
B
Decreased heart rate
C
Bronchodilation and relaxation of smooth muscle
D
Increased histamine release
Exit

Sentira XR

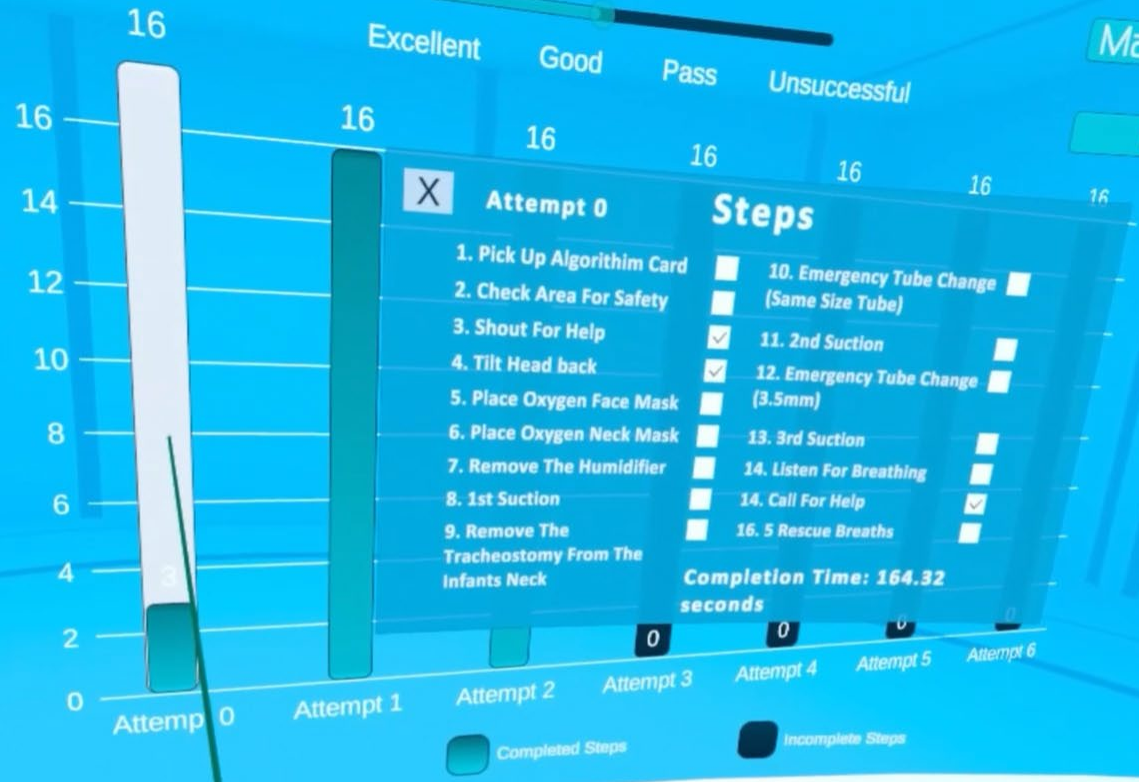
urrent Score:
276

All tasks have been completed!

Excellent
Good
Pass
Unsuccessful

Main Menu

Exit



X

Attempt 0

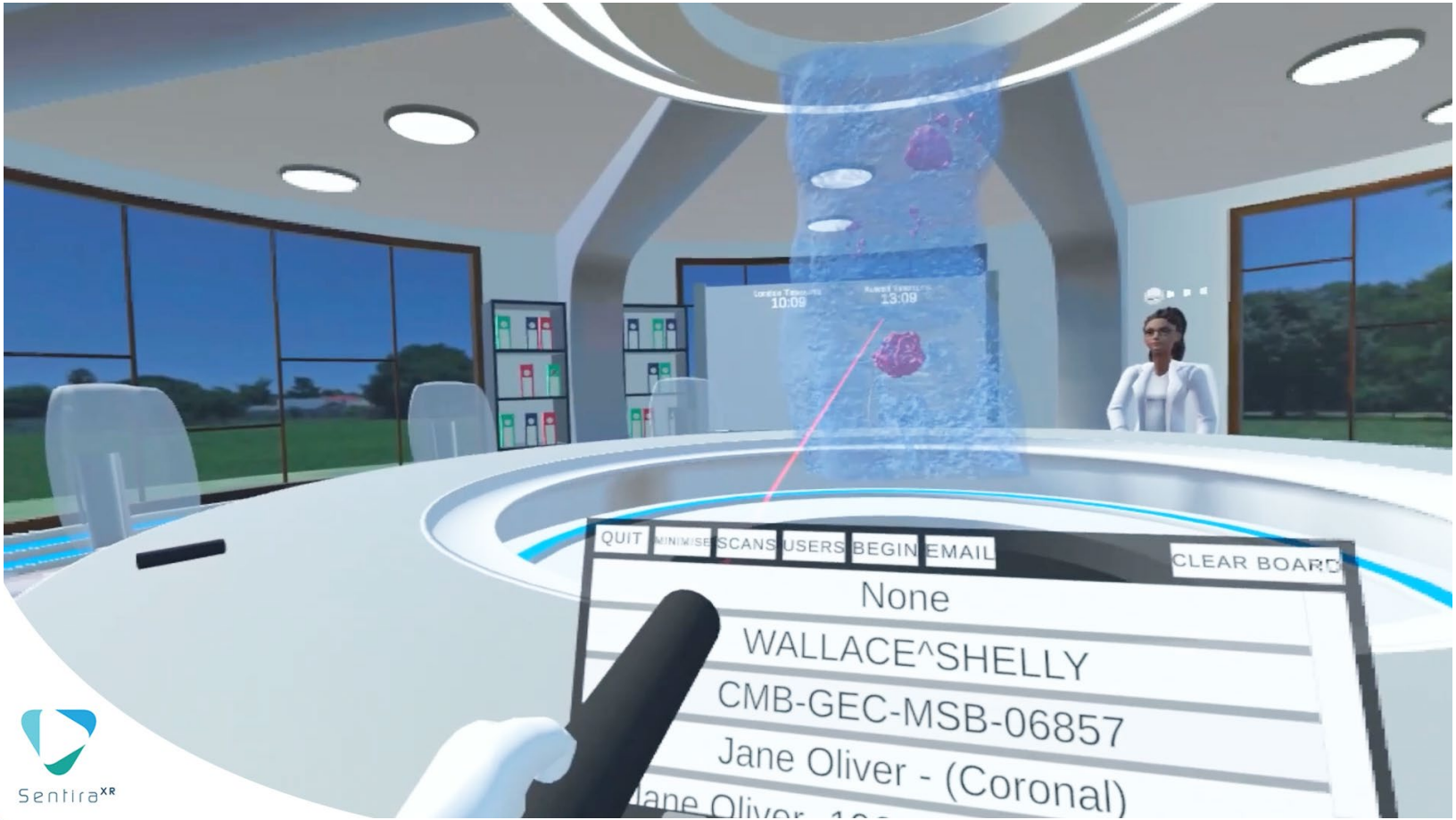
Steps

1. Pick Up Algorithim Card
2. Check Area For Safety
3. Shout For Help
4. Tilt Head back
5. Place Oxygen Face Mask
6. Place Oxygen Neck Mask
7. Remove The Humidifier
8. 1st Suction
9. Remove The Tracheostomy From The Infants Neck
10. Emergency Tube Change (Same Size Tube)
11. 2nd Suction
12. Emergency Tube Change (3.5mm)
13. 3rd Suction
14. Listen For Breathing
14. Call For Help
16. 5 Rescue Breaths

Completion Time: 164.32 seconds

SentiraXR

Multiuser

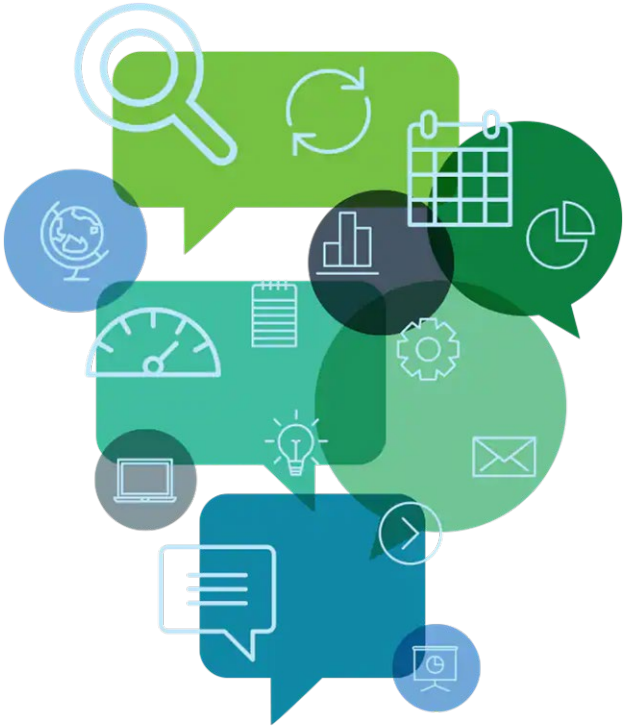

QUIT
MINIMISE
SCANS
USERS
BEGIN
EMAIL
CLEAR BOARD
None
WALLACE^SHELLY
CMB-GEC-MSB-06857
Jane Oliver - (Coronal)

Facilities & Equipment









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