

Pre-Virtual Reality Educational Tool for Emergency Training

Informed Consent for Medical Health VR Simulation

Research Title: Integration of a metaverse platform to enhance medical clinical skills delivery in the Tunisian Universities

Principal Investigator: Dr. Sana Ben Hammouda

Introduction: You are invited to participate in a virtual reality (VR) simulation aimed at enhancing medical health education and training. This consent form outlines the purpose of the study, what your participation will involve, the potential risks and benefits, and your rights as a participant.

Purpose: The purpose of this VR simulation is to provide a realistic and immersive training experience in medical health scenarios. By participating, you will contribute to the evaluation and development of VR technologies for medical education.

Procedures:

- You will wear a VR headset and engage in simulated medical scenarios.
- You may be asked to perform certain tasks or respond to specific situations within the VR environment.
- Your actions and responses will be recorded for research and evaluation purposes.

Risks and Benefits:

- **Risks:** Potential risks include mild discomfort or dizziness from the VR experience. If you experience any discomfort, you can immediately stop the session.
- **Benefits:** Benefits include gaining hands-on experience in medical scenarios in a safe and controlled environment, contributing to research in medical education, and potentially improving future medical training programs.

Confidentiality:

- Your participation and any personal data collected will be kept strictly confidential. Data will be anonymized and used for research purposes only.

Voluntary Participation:

- Participation in this study is voluntary. You may withdraw at any time without penalty or loss of benefits to which you are otherwise entitled.

Contact Information:

- If you have any questions or concerns about the study, you may contact [Dr Ben Hammouda Sana] at [dr.sanabh@gmail.com].

Consent:

- By signing this form, you indicate that you have read and understood the information provided, that any questions you have about the study have been answered to your satisfaction, and that you voluntarily agree to participate in this VR simulation.

** Indicates required question*

1. Accept to participate by checking the following checkbox. *

Check all that apply.

☐ Accept

2. Enter Participant Number *

3. Any medical conditions or concerns (e.g., motion sickness, anxiety disorders, epilepsy) that might affect your participation in VR simulations? *

Mark only one oval.

☐ Yes

Skip to section 3 (Sorry you can not participate in this survey. Thank you for your understanding and support!)

☐ No *Skip to question 4*

Participants Answers

4. Did you complete the human anatomy simulation activity? *

Mark only one oval.

☐ Yes

☐ No

5. On a scale of 1 to 5, where 1 indicates 'limited engagement' and 5 indicates 'very high engagement,' how would you rate your engagement in emergency training at your university? *

Mark only one oval.

1	2	3	4	5
☐	☐	☐	☐	☐

6. On a scale of 1 to 5, where 1 indicates 'very limited memorization' and 5 indicates 'very high memorization,' how would you rate your memorization after emergency training at your university? *

Mark only one oval.

1	2	3	4	5
☐	☐	☐	☐	☐

7. On a scale of 1 to 5, where 1 indicates 'very low anxiety' and 5 indicates 'very high anxiety,' how would you rate your current level of anxiety before the emergency exam or a real-life scenario? *

Mark only one oval.

1	2	3	4	5
☐	☐	☐	☐	☐

8. How interested are you in using VR simulation technology as an additional learning tool for emergency training? Please rate your interest on a scale from 1 to 5, where 1 indicates 'not interested at all' and 5 indicates 'extremely interested.' *

Mark only one oval.

1	2	3	4	5
☐	☐	☐	☐	☐

9. How interested are you in using VR simulation technology as a replacement learning tool for emergency training? Please rate your interest on a scale from 1 to 5, where 1 indicates 'not interested at all' and 5 indicates 'extremely interested.' *

Mark only one oval.

1	2	3	4	5
☐	☐	☐	☐	☐

Sorry you can not participate in this survey. Thank you for your understanding and support!

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