

Participant Information Sheet

Study Title: An evaluation of an online patient simulation training tool (eCREST) to improve the clinical decision-making skills of students at the University of Nicosia Medical School

We would like to invite students of the **MSc in Family Medicine** of the University of Nicosia Medical School to participate in this research project. This study has been approved by the University College London (UCL) Research Ethics Committee (Project ID Number): 9605/001. The study has been implemented in final year medical students at UCL and the following medical schools:

- Barts School of Medicine, Queen Mary University, London, UK
- University of East Anglia Medical School, Norwich, UK
- Koc University School of Medicine, Istanbul, Turkey

Details of the study

eCREST is an online educational tool designed to help improve medical students' clinical reasoning skills. By clinical reasoning skills we mean the thought processes you use to make clinical decisions such as a diagnosis and management plan. This tool uses virtual patients, which are videos of actors representing students, to simulate a doctor-patient consultation in a GP setting. Your role is to act as the GP and work through each virtual patient case, making clinical decisions based on the information you learn from the patients. This study is aiming to see whether online simulation is an effective way of teaching medical students clinical reasoning skills.

What happens next?

You will be required to respond to a survey related to respiratory medicine and clinical reasoning before and after the simulations. Then you will enter a virtual waiting room, where you will be presented with virtual patients. All patients are presenting to their GP with respiratory symptoms. Select the first patient case and watch the video and follow the instructions to complete the case. For each case you will have opportunity to ask patient questions using a drop down menu and

receive their patient history. You will also be asked throughout the consultation to provide a differential diagnosis and suggest your recommended management plan and any further tests. When you are finished select the second case and so on, until you have completed all the cases. It will take you approximately 30 minutes per case and you will not have to complete all the cases at once.

Risks and benefits

We do not anticipate that taking part in this research will incur any risks. By participating in this research you will get the chance to practise making diagnostic decisions and revise your respiratory training.

Anonymity and confidentiality

We will collect some personal information such as your name, email address and student ID number through Moodle but your data will then be anonymised and only the researchers will have access to this data. Your data will only be used for research purposes and it will not contribute to your final grades, be used as an assessment, or shared with any third parties. All data will be collected and stored in accordance with the Data Protection Act 1998.

Please discuss the information above with others if you wish or ask us if there is anything that is not clear or if you would like more information.

It is up to you to decide whether to take part or not; choosing not to take part will not disadvantage you in any way. If you do decide to take part you are still free to withdraw at any time and without giving a reason.

What will happen to the results of the study?

The results of this study may be presented at relevant conferences and we will prepare papers for submission for publication to a peer reviewed journal.

Who is organising and funding the research?

This research is organised and funded, supported and regulated by the **University of Nicosia Medical School**.

Who has reviewed the study?

This study has been approved by the University College London (UCL) Research Ethics Committee (Project ID Number): 9605/001. In order to implement the study in Cyprus, the study has also been reviewed by the **Cyprus National Bioethics Committee**.

Consent

In order to provide consent you will have to complete and sign the associated Consent Form.

Complaints

If you wish to make any complaints about the study or the research procedure, please contact Dr Constantina Constantinou, Associate Dean for Research, University of Nicosia at constantinou.co@unic.ac.cy .

Further Information

If you have any queries regarding this project please contact the researchers involved in this study at the University of Nicosia Medical School, Cyprus and University College London, UK:

University of Nicosia Medical School:

Research Team:

Prof Alexia Papageorgiou (Local Coordinator)

Chair of the Centre for Medical Education
Professor at University of Nicosia Medical School
papageorgiou.a@unic.ac.cy

Dr Constantina Constantinou

Director of Research/ PhD Programme Director
Associate Professor at University of Nicosia Medical School
constantinou.co@unic.ac.cy

Dr Ourania Kolokotroni

Chair of the Department of Primary Care and Population Health/ MScFM Programme Director
Associate Professor at University of Nicosia Medical School
kolokotroni.o@unic.ac.cy

Dr Persoulla Nicolaou

MD Programme Director

Assistant Professor at University of Nicosia Medical School
nicolaou.p@unic.ac.cy

Dr Adonis Ioannides

Associate Dean for Academic Affairs
Associate Professor at University of Nicosia Medical School
ioannides.a@unic.ac.cy

Address:

University of Nicosia Medical School
21 Ilia Papakyriakou, 2414 Engomi,
P.O. Box 24005,
CY-1700, Nicosia,
Cyprus

University College London:**Research Team:**

Dr Angelos Kassianos (Co-Principal Investigator in the UK)
Senior Research Fellow at UCL, Department of Applied Health Research
angelos.kassianos@ucl.ac.uk

Dr Jessica Sheringham (Co – Principal Investigator in the UK)
Senior Research Fellow at UCL, Department of Applied Health Research
j.sheringham@ucl.ac.uk

Thank you for reading this information sheet and for considering take part in this research.

September 15, 2020



Consent Form

Study Title: An evaluation of an online patient simulation training tool (eCREST) to improve the clinical decision-making skills of students at the University of Nicosia Medical School

Name of Researchers at University of Nicosia Medical School, Nicosia, Cyprus:

Dr Constantina Constantinou
Dr Ourania Kolokotroni
Prof Alexia Papageorgiou
Dr Adonis Ioannides
Dr Persoulla Nicolaou

Name of Researchers at University College London, London, UK:

Dr Angelos Kassianos
Dr Jessica Sheringham

Please
add initial

1. I consent to take part in the study and confirm that I am over the age of 18 and understand what is required of me in this study.
2. I understand that I can withdraw from the study at any time without giving a reason.
3. I understand that any personal information will be treated as strictly confidential and handled in accordance with the provisions of the Data Protection Act 1998.
4. I agree that the research project named above has been explained to me to my satisfaction

Name of Participant

Date

Signature

Name of Person
taking consent

Date

Signature

When completed, 1 copy for participant and 1 for researcher site file.