# Patient Communication Simulators for Interprofessional Healthcare Education

Juliana Samson, Auzher Shah, Lottie Whale, Dr Natasha Taylor, Dr Petros Lameras, Prof Rosie Kneafsey

Coventry University

## INTRODUCTION

Virtual simulation is of particular benefit in interprofessional education (IPE). This project aims to build an IPE scenario that follows a virtual patient journey using an extended reality platform.
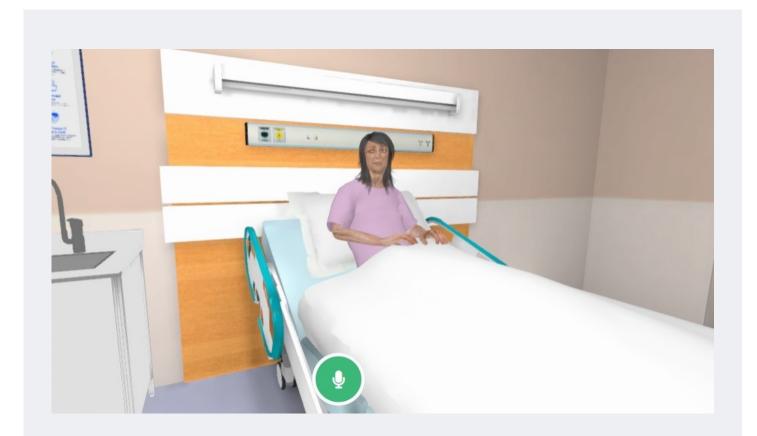
## METHODS

Multiple professional scripts were built into a virtual patient with frailty syndrome. The scenario spans two time points, to facilitate student interviews with paramedics, emergency clinicians, diagnostic radiographers, geriatricians, physiotherapists (PTs), occupational therapists (OTs), nurses, operating department practitioners, dieticians, and social workers.
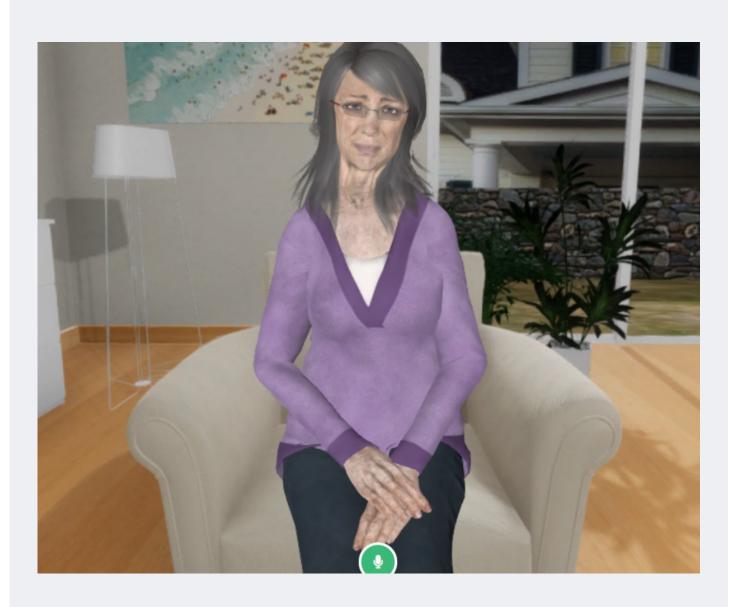
## RESULTS

To date, 68 user testing sessions were conducted for the developers to refine the conversational artificial intelligence (AI).

## DISCUSSION

Scripts will be developed via a co-creation and further user testing is planned. Co-creation to develop IPE scripting is preferable to collecting information in silos. PTs and OTs will test the final version in an IPE activity.





Virtual patient in the acute and community phases

Training user testers and setting their expectations maximises participation and engagement.

## CONCLUSION

This is the first custom case of this size and complexity. The resource will be available within the university to support IPE activities.