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Health informatics — Reference model for virtual reality (VR)-based clinical practice simulation

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National foreword

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Introduction

Various virtual reality (VR)-based clinical practice simulations have been developed and used around the world and the market for these simulations has been steadily growing. A VR-based clinical practice simulation provides more realistic, life-like clinical training compared to other training methods such as books, models and images. Moreover, it is possible to create virtual patients customized for various scenarios while ensuring that patient safety and privacy are protected.

However, there are few standards available in the market for VR-based clinical simulation, which results in inefficiencies in developing virtual simulation.

A structured standard model for clinical practice simulator creates openness and interoperability, and it can save developers' time and resources.

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