Enhancing Practices and Strengthening Core Competencies in Disaster Nursing through the Learning HUB

Dr. Zeynep ÖZER
Professor, Akdeniz University Nursing Faculty, Turkey

Selma Kavradim
Associate Professor, Akdeniz University Nursing Faculty, Turkey

Leyla Muslu
Associate Professor, Akdeniz University Nursing Faculty, Turkey

Abstract:

In recent years earthquakes, floods, fires, pandemics and other disasters have revealed the unique challenges of health emergencies and the need for preparedness. The project will utilise Augmented Reality,Virtual Reality technology to support the digital transformation of healthcare education. The project's emphasis on developing and strengthening core skills in disaster nursing demonstrates a commitment to excellence in learning and skills development.

The aim of this project is to enhance the practices and strengthen core skills in disaster nursing through innovative AR/VR-based educational tools. In order to achieve this goal, the following objectives are: to develop core competencies by increasing the knowledge and skills of disaster nursing, to support education by developing scenario-based AR/VR-based educational materials that will enable target groups to learn, to create a learning HUB in the disaster nursing field, to increase the motivation for development of skills and acquire key competencies in disaster nursing, to promote cooperation between academic institutions, stakeholders, and other interested groups.

Primary target groups are nursing students, nurse educators, nursing practitioners, secondary target groups are stakeholders and universities.

Impact of the project; This project will meet the need to improve the knowledge, skills, and qualifications of students and nurses in disaster response with innovative education tools and to increase competencies. By utilizing AR/VR-based educational tools, learners will engage in immersive simulations of disaster scenarios.