

Hygiene in hospital, community and residential care settings: an innovative mobile vocational training for healthcare workforce

# **HYGEIA PROJECT**

NEWSLETTER

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The HYGEIA Project is developing a serious game! This serious game is designed as a quiz game and will measure and increase the hygiene knowledge of healthcare professionals.





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### **E-Learning Multimedia Course**

#### SERIOUS GAME

This serious game is designed as a and will measure the quiz game hygiene knowledge of healthcare professionals (HCP). Depending on the work experience, occupational knowledge and position of HCP, the serious aame provides tailored educational game content. So the game aims to facilitate the hygiene training processes in health and social care settings.

The gamification of hygiene education and training will allow healthcare professionals to acquire a new occupational skills seamlessly while using their smartphones or tablets in their daily routine.





#### **GAME CONTENT**

- UNIVPM and FFIS are preparing the questions according to the Manual. The game will have 4 difficulties for 4 types of users;

 Lowest Difficulty (Cleaning Staff, Nurse Assistants, Informal Carers)
Low Medium Difficulty (Administrative Staff)
Medium Hard Difficulty (Nurses, Students in health and caring sciences)
Harder Difficulty (Including physicians, Medical Residents)

# \* hygeia

#### Interview with Chiara Peconi

I am Chiara Peconi, I was born in Rome and I graduated in Biology in Camerino, in Marche Region. After the Master course in Agri-Food Management I attended in Cremona I worked for a period in Norther Italy, in Milan and Mantua. After this period I wanted an opportunity to work in the health sector and, in particular, in the preventive field. Returned just over a year, I work in Polytechnic University of Marche, Faculty of Medicine and Surgery, Department of Biomedical Sciences and Public Health, I collaborate on education and research activities as part of Public Health, General Applied Hygiene, Epidemiological and Methodology and Health Organization.

With regard to research, I collaborated on numerous projects in the hygieneepidemiology field and with the regional Tumour Registry.



UNIVERSITÀ Politecnica delle marche

Polytechnic University of Marche is a public University in Central Italy. It includes 5 faculties: Engineering, Medicine and Surgery, Agriculture, Economics and Sciences. The Faculty of Medicine and Surgery is directly connected to University Hospital "United Hospitals" of Ancona Torrette, regional hospital.





Why do you think that HYGEIA Project is significant, given the current circumstances with hygiene education and its timing?

A good percentage of workers of care setting don't know or don't apply hygiene measures. Many believe it could be useful to attend courses or update periodically about procedures.

Above all, with Covid-19 the lack of informations and the high number of infections made indispensable a clear guide, accurate and easily accessible that saves the workers from falling ill.

# What is your and your organization's main roles in the HYGEIA Project?

In the Hygeia Project, the role of my group consists on the writing of a hygiene manual for all healthcare professionals and, more generally, for all personnel working in various ways in the hospitals and in contact with the patients.

We want to create an easy to use guide, also updated with all the prevention measures about everything that concerns Sars-CoV-2, to support care setting workers to prevent the spread of infection in work settings, while they do their job.

Would you like to add any additional thoughts about the project or do you have any messages to the readers?

Do not underestimate the importance of hygiene-health measures.

My message is: wash your hand often.



## HYGEIA 2nd Transnational Meeting

HYGEIA Consortium held its 2nd Transnational Meeting on the 9th of February, Wednesday via Microsoft Teams as ongoing Covid-19 pandemic and Omicron variant risks did not allow a physical meeting. The project coordinators from each consortium member have been present at the online meeting where the project progress has been reviewed.



HYGEIA Project has already completed 18 months and counting while project staff is working on several project outputs such as **needs analysis**, **hygiene manual**, and **mobile application**.



### Did you know?

Have you heard about the UN Sustainable Development Goal 6 Clean Water and Sanitation? **Sdg6** is a vital goal to ensure **hygiene** practices across the world, where billions of people still don't have adequate access to potable water.



Water is also essential to sustain hygiene practices in healthcare facilities and according to a UN report, nearly 1.5 billion people in the world use healthcare facilities with no sanitation services. HYGEIA Project is a response to improve hygiene standards globally, benefitting all respective stakeholders to learn more about hygiene training in care facilities.

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