

PETRHA: A European serious game for physiotherapy students

*First presentation in Bordeaux during the **European Petrha Cup***

Aimed at physiotherapy students and teachers, the *European Petrha Cup* will take place on October 14th at the IRFSS Aquitaine in Bordeaux – Bègles, France, in order to present an innovative educational tool for healthcare training: **PETRHA (Physiotherapy E-Training Re-Habilitation)**.

Initiated as a response to real health issues in Europe, this “**serious game**” will enable students and future professionals in physiotherapy to **train** intensively thanks to **digital simulation** so as to **improve patient care**.



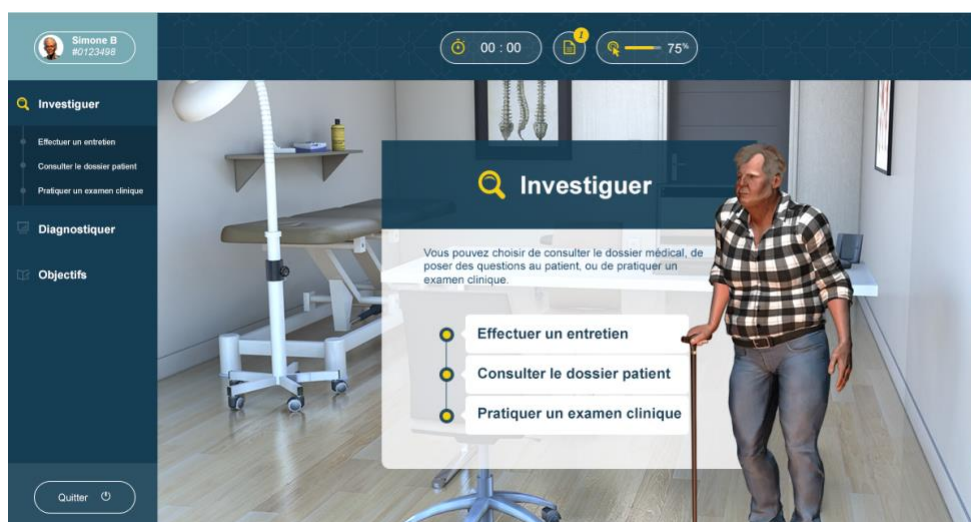
The European Petrha Cup will gather during a whole day about fifty players who may win the Petrha Champions Cup.

Through the realization of physiotherapy clinical cases and the creation of a universal language between physiotherapists, this serious game is designed to further the clinical reasoning process.

Organized for the first time, the European Petrha Cup’s ambition is to meet every year students from various European countries and federate a community around healthcare innovation.

Project presentation

The **PETRHA** project was born two years ago, thanks to a call for proposals for “Strategic partnership” launched by Erasmus+ and won by the IRFSS Aquitaine of the French Red-Cross (Regional Institute for Health and Social Training). Four other European actors are involved, the city of Bègles, the Polytechnic Institute of Porto (Portugal) and the Public University of Navarre (Spain), both members of the European Network of Physiotherapy for Higher Education (ENPHE), and SimforHealth, a firm specialized in digital simulation for healthcare training and located in Bordeaux.



In the first place, this project was intended to develop a **serious game** for physiotherapy students, as their work is mainly focused on the elderly public, which is at the heart of European policy concerns.

The founding members of PETRHA also produced a **MOOC** for the universities and the physiotherapy teachers that would like to include the game in their training, create new clinical cases, or develop complementary modules targeting other populations or specialties.

A **study booklet** on the elderly population will be available for the users of the game, meant as a reference for the creation of new clinical cases.

Wishing to become a major European tool for physiotherapy training thanks to its translation in four languages (French, English, Spanish, and Portuguese) that will allow a wider dissemination, PETRHA also wants to establish a score scale translated into **ECTS credits** (European Credits Transfer Scale), enabling the students to identify their level.

About the IRFSS Aquitaine

The Regional Institute for Health and Social Training created in 1950 and set up in Bègles is one of the training institutes of the French Red-Cross. It offers training courses covering the professions in the fields of health, social welfare, first aid and occupational risks.

About SimforHealth

SimforHealth is a leading provider of innovative digital solutions for improving the training of healthcare professionals. The company works alongside faculties, medical schools, and training organizations to design immersive and interactive solutions for medical education and medical training: virtual consultations, real-time 3D simulators, and virtual reality... Continuously monitoring new technologies, SimforHealth's medical teams and simulation experts have already trained more than 30,000 healthcare professionals worldwide and are committed to the ethical principle of "Never the First Time with the Patient". See more on www.simforhealth.com and www.mediactiv.com

About the City of Bègles

The City of Bègles is a local authority employing more than 550 people, and elaborating through its scope of action a policy oriented towards ICT, health and social welfare, and education.

About the Public University of Navarre (Spain)

The Public University of Navarre is set up on two campuses located in Pamplona and Tudela, and is one of the best Spanish universities thanks to the quality of its teaching and its research activity.

About the Polytechnic Institute of Porto (Portugal)

The Polytechnic Institute of Porto is the biggest polytechnic institute in Portugal, characterized by its interdisciplinarity gathering 7 schools, including one for healthcare professions which cover a wide spectrum of scientific knowledge.

News and information: <http://petrha.eu/en/>

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