



Secção Regional do Sul e Regiões Autónomas

ONLINE EDUCATION OF CITIZENS FOR HEALTH PREVENTION AND PROMOTION

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HYGIENE OF THE HANDS IN THE PREVENTION OF INFECTIONS



SAFE AND RATIONAL USE OF MEDICINES



PREVENTION OF PRESSURE ULCERS

HEALTHCARE SECURITY



PREVENTION OF THE OCCURRENCE OF FALLS



SURGICAL SAFETY



PREVENTION OF INFECTIONS AND ANTIBIOTIC RESISTANCE

Image 1 - Projects' themes

1. INTRODUCTION

A Massive Open Online Course (MOOC) on Healthcare Security was developed by an interprofessional and interdisciplinary team of the Portuguese Pharmaceutical Society, along with the Quality Department of the Portuguese General-Directorate for health.

The aim of this initiative is to help citizens making **more conscious decisions**, through **a better knowledge of different health themes**, along with **being able to improve their quality of life** and those that surround them.

The MOOC include six courses addressing: "Safe and Rational Use of Medicines", "Hygiene of the hands in the prevention of infections", "Prevention of Infections and Antibiotic resistance", "Surgical Safety", "Prevention of pressure ulcers" and "Prevention of falls", as shown in Image 1. The first three courses were already launched.

The courses are available in an Online Learning National Platform (NAU Platform Project, a national initiative held by the Portuguese Foundation for Science and Technology), which can be accessed by everyone for free.

According to data from the Portuguese Statistical Institute (INE), Portugal has 10 295 909 inhabitants (2019 results) and 2 295 909 households with, at least, one person aged between 16 and 74 years old and with an Internet connection at home. This means that 28% of Portuguese citizens can participate in this initiative and attend MOOC's NAU platform.

2. IMPACT MEASUREMENT METHODS

In order to measure the impact of the project, NAU platform data was extracted. The data includes the number of registrations and the number of participants that concluded each course, through which we can calculate the conclusion rate.

Since the courses were launched at different times, the average of the registrations and conclusion rate were calculated, which give us an idea about project's success among the community.



3. RESULTS

The following values, pertains to the first three courses of MOOC and are averages of the values

3 921
Registered citizens



76%
Conclusion rate

On average, the platform has 3 921 registered citizens per course and 2 992 citizens who successfully completed each course. The three first courses have, on average, a 76% conclusion rate.

Measuring this kind of data is useful to see the citizen commitment and interest in learning and use the information given by reliable sources.

4. CONCLUSIONS/DISCUSSION

The use of an online open access platform is a good first step to stimulate citizens to learn more about their health and promote healthier lifestyles.

This literacy program on Healthcare Safety is having great results in terms of both registrations and conclusion rate, and it seems to contribute to **a more and better-informed Portuguese citizens**.

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