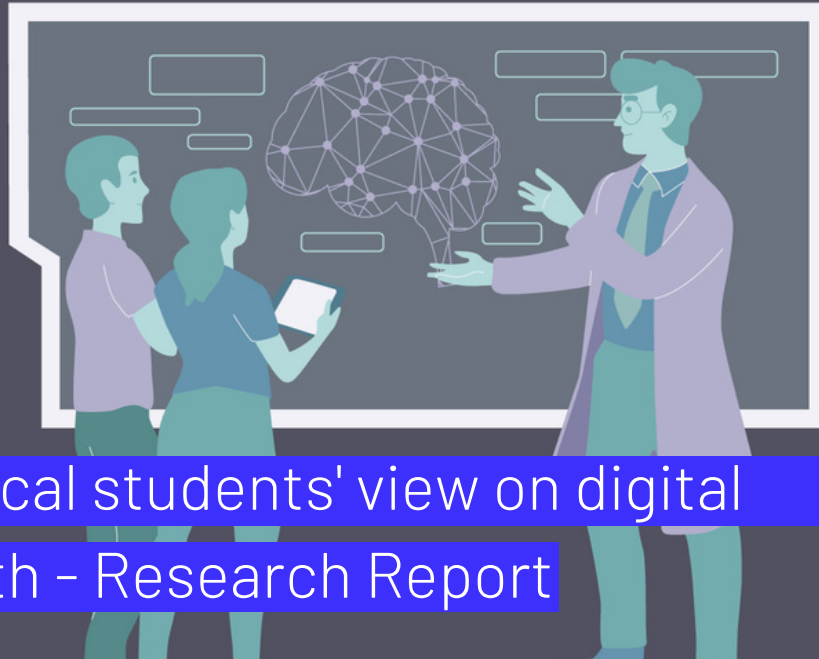




CONNECT

Cooperation and training on
innovation and entrepreneurship
in the eHealth community

Co-funded by the
Erasmus+ Programme
of the European Union



Medical students' view on digital health – Research Report

Materials and Methods

June-August 2021

- cross-sectional survey
- 5th and 6th-year students of the Faculty of Medicine
- online anonymous questionnaire

306 participants

I. Attitude, intention to use

A. Health promotion, health education and disease prevention

B. . Early detection of diseases, monitoring and encouragement of patients
for self-management of the disease

C. Diagnosis, treatment, and rehabilitation of various diseases

II. Pros and Barriers

III. Training

Results

How familiar are you with the terms eHealth and mHealth?

- I partially know what each is referring to - 30.4%
- I know to a small extent what each is referring to - 27.8%
- I am quite familiar with - 22.9%
- I don't know what they are referring to - 15%
- I am familiar with them and know what each refers to - 3.9%

A. Health promotion, health education and disease prevention

ATTITUDE

- Dissemination of health promotion programs - 74.5%
- Education to promote a healthy lifestyle. and prevent/reduce health risk behaviors - 72.5%
- Recording data about / monitoring health risk behaviors - 70.9%

INTENTION TO USE

- Dissemination of health promotion programs - 77.1%
- Recording data about / monitoring health risk behaviors - 75.2
- Education to promote a healthy lifestyle and prevent / reduce health risk behaviors - 74.8%

B. Early disease detection, monitoring, and patient encouragement for disease self-management

ATTITUDE

- Tools that inform about different screening methods and ways to access screening programs - 69.6%
- Tools that calculate and interpret risk scores for different diseases (adapted for use by patients) - 60.5%
- Tools for monitoring medical parameters outside medical institutions - 59.2%
- Digital tools that interpret symptoms or signs identified by the patient at self-examination - 19.6%

INTENTION TO USE

- Tools that inform about different screening methods and ways to access screening programs - 72.2%
- Tools for monitoring medical parameters outside medical institutions - 60.8%
- Tools that calculate and interpret risk scores for different diseases (adapted for use by patients) - 59.5%
- Digital tools that interpret symptoms or signs identified by the patient at self-examination - 24.8%

Results

C. Diagnosis, treatment, and rehabilitation of various diseases

ATTITUDE

Tools for healthcare professionals, that calculate and interpret indices - 85.6%

Facilitating communication among medical staff - 85.0%

Tools for medical staff which keep track of patients (patient files in digital format) - 84.6%

Digital tools that interpret symptoms or signs identified by the patient at self-examination - 52.3%

INTENTION TO USE

Facilitating communication among medical staff - 83.3%

Tools for medical staff which keep track of patients (patient files in digital format) - 83.0%

Tools for healthcare professionals, that calculate and interpret indices - 81.0%

Digital tools that interpret symptoms or signs identified by the patient at self-examination - 54.9%

Pros of eHealth

Patients and Society

- Health education programs among the general population - 75%
- Improving access, regardless of location, to medical services - 71%
- Improve patient compliance with medical recommendations - 68%

Doctors and the medical system

- Streamlining doctors' access to patient information through electronic medical records - 84.7%
- Facilitating the epidemiological data collection process - 84.3%
- Facilitating collaboration between medical staff - 80.1%
- Facilitating medical decision-making and diagnosis 55.0%

Barriers in implementation

Patients and Society

- Lack of access to technology 59.2%
- Lack of skills needed to use digital tools 58.2%
- The fear that the medical act will not be trustworthy 49.3%

Doctors and the medical system

- Inadequate legislation and funding for the development/use of digital technologies in health 51.3%
- Inadequate training for available digital resources 40.2%



TRAINING on eHealth received as a student

I received it to some extent - 41.5%

I did not - 40.7%

I don't remember - 12.6%

I received it to a big extent - 5.1%

Would you like to receive training on eHealth?

Yes - 84.6%

I don't know - 10.5%

No - 4.0%

How?

- Video tutorials
- Workshops with app developers
- Practical activities with a trained doctor
- Online courses