POSTER ABSTRACT

A Mhealth co-evaluated by physicians and patients integrated to the medical consultation through decision support

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Introduction

Context: A research project funded by the French National Research Agency (ANR) consists in a decision support system and medical prescription of applications and mobile objects for health from applications co-evaluated by doctors and patients. The choices of use were organized, from series of literature reviews, by a double accessibility of mobile applications called MHEALTH at the service of the physician-patient relationship with the aim of improving the health of patients through an integration of digital solutions in the computerized medical record on the one hand, and on a platform of general public access on the other hand.

Aims Objectives Theory or Methods

the objective of ApiAppS is to identify, explore and eliminate existing scientific barriers so that general practitioners can use a system to help them prescribe mHealth applications/devices adapted to the patient's profile within the framework of a system that is interoperable with the information sources used. The implementation is organized in the patient care partnership approach that takes into account the psychosocial context and patient choices in prescribing and to do so has allied with the new Patient and Public Partnership Innovation Center created in late 2019 at the University Côte d'Azur Medical School to mobilize patients in the evaluation.

Highlights or Results or Key Findings

The decision support system for the prescription of mobile health technologies covers various areas of health and participates both in the relationship of care and empowerment of the patient, or even his relatives in life with the disease for several diseases but we need to know better on the one hand its contributions and on the other hand to accompany a selection in the multitudes of connected tools that are evaluated for example to some 170,000 in late 2020 in Canada (Dumez, Flora, 2021) .

Conclusions

ApiAppS is entering its final phase and aims to provide targeted assistance using 3 sources of information: mHealth store, medical knowledge bases, EMR so that the prescription of mHealth applications adapted to the patient's profile is relevant for the doctor-patient relationship and for the overall care process.

Implications for applicability/transferability sustainability and limitations

ApiAppS can be technically deployed in computerized medical records, several theses are in progress and in the modes of evaluation and their systems of updates, the limits are related to the capacity of provision of tools co-evaluated according to the methodology given the entropy of their production