

# The use of ICTs (Information and communication Technologies) in nursing

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## Introduction

ICTs are the technologies that allow greater accessibility and access to the information. Specifically in health, it allows rapid interaction with the information of the patients, and helps giving a diagnosis, a treatment or taking preventive actions.

Examples of these technologies may include: devices such as telecommunications, remote assistance and telemedicine. And also the full incorporation of electronic health records to write the evolution of patients, which in some hospitals is made even bedside, using tablets



## Materials and methods

We've done a bibliographic search in PubMed and Schiele databases, Cochrane Library, Health Guide and Dynamed Plus, using the words: technology and medicine. The search has been restricted with studies of 5 years ago and as language: English and Spanish.

## Objectives:

- To analyze the importance of the use of new information and communication technologies to improve the care provided to patients.
- To identify the most used information and communication technologies in health



## Results

Finally, 18 results were obtained, of which we could access to 6. From these, It was obtained that the main applications used by nursing are computerized medical records, telemedicine and mobile phones, mainly for requesting and reminding appointments.

The telecare is increasingly incorporating to more people, and it is intended that in the future it will include the entire population with chronic disability and elderly diseases.

The ICTs also represent a new paradigm, by offering new methods and techniques to provide care, solve troubles, and reduce hospitalization times.

## Conclusions

ICTs offer a new way of quality care by improving the care provided today. Both, professionals and patients, should familiarize with these to achieve a more effective care. Accessibility is also important, in order to extend its use to the entire population.