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Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA

1921
— 2021

UN SECOLO
DI STORIA
D'AVANTI A NOI



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

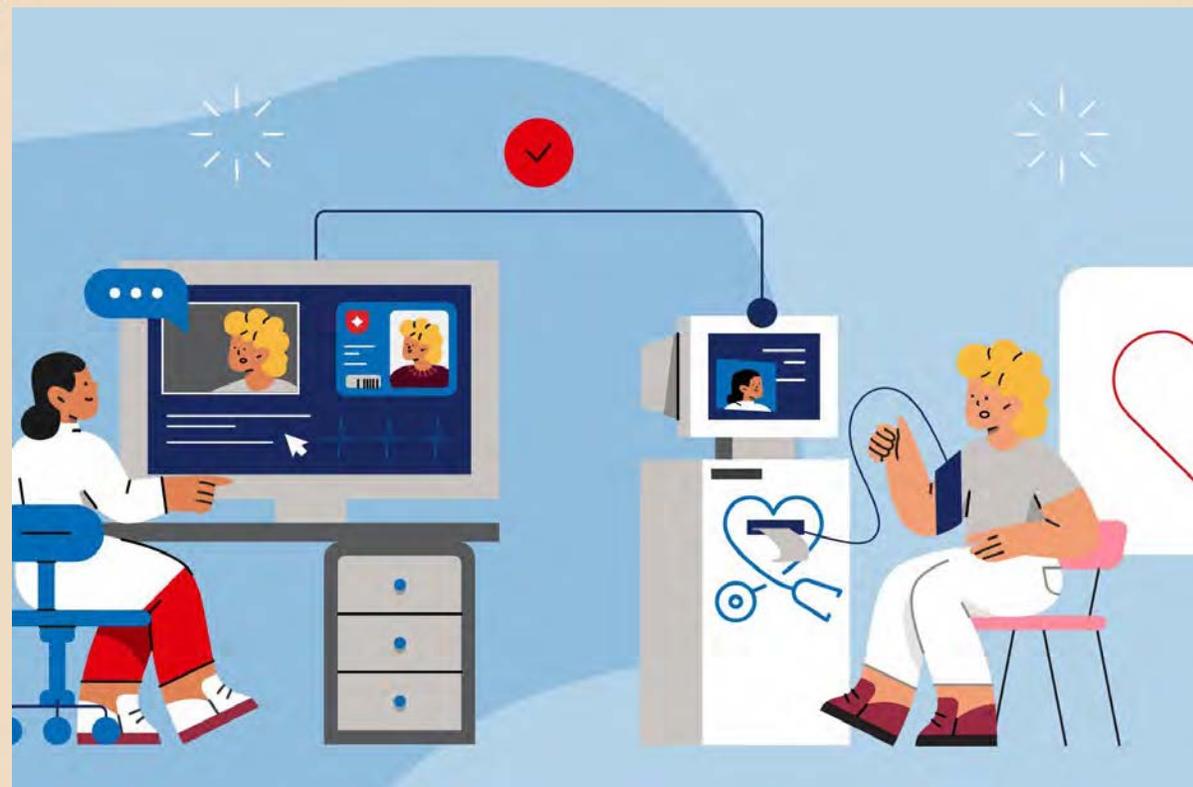
Missione 4 Istruzione e Ricerca

**TRANSFORMING HEALTHCARE IN THE
POST COVID ERA: SUSTAINABILITY
AND VALUE OF TELEMEDICINE –
RELIEVE AND SAVE**

The case of cardiovascular patients -Policlinico
Universitario A. Gemelli

Task 1.4

Università Cattolica del Sacro Cuore



Aims of the task

Task 1.4 focuses on the organizational systems used for telemonitoring of cardiovascular patients, assessing the efficiency, safety, and effectiveness of the telemedicine process for chronic cardiovascular patients through the study and analysis of the case system used at Gemelli Polyclinic in Rome and the case system used by two cardiovascular units of the Azienda Provinciale per i Servizi Sanitari (APSS) in Trento.

Methods used

The case of Gemelli Hospital:

- Qualitative analysis through studies on the system implemented at the Arrhythmology Department of the Polyclinic;
- Collecting internal data and interviews with technical, health professionals and with the high management of the hospital;
- Questionnaires surveyed to health care professionals to assess the level of engagement regarding telemedicine services;
- Analysis of the results.





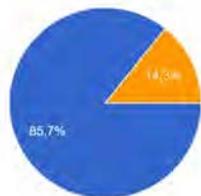
Results

“Patients gain in terms of clinical outcomes: less mortality, less cardiovascular events, less re-hospitalization and decompensation events, less economic impact on the SSN” (Cardiologist, interview #3).

- Home monitoring of patients can detect more than two-thirds of cardiovascular events, improving clinical outcomes;
- Minimal resource expenditure estimated at less than one hour per month per hundred patients;
- Avoiding overcrowding of the ED;
- Costs travel reduction for the patients and the caregivers;
- Gain in QALYs;
- Some of the results from questionnaires regarding the engagement in the use of telemedicine:

Conosci o hai mai sentito parlare di telemedicina?*

14 risposte



● Si
● No
● Solo in parte

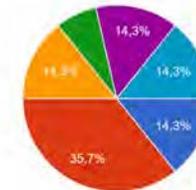
Quali strumenti di telemedicina conosci?

15 risposte



Quali strumenti di telemedicina utilizzati prevalentemente?

14 risposte



● Cartella clinica informatizzata accessibile da remoto
● Tele monitoraggio parametri vitali
● Videochiamata con pazienti
● Chat diretta con specialisti
● Tele consulto di centri di alta specializzazione
● Chat su cellulare (whatsapp o simili)