

Development of a new framework for the structuring, digitization and redesign of care processes under the Value-Based Healthcare approach in a tertiary hospital



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INTRODUCTION

Value-based healthcare (VBHC) focuses on optimizing resources by directing them towards improving patient-perceived health outcomes

The VBHC approach leads us to the need to redesign the current processes

The main aim is to develop tools that allow the redesign of the process under the VBHC approach

REQUIREMENTS



Include patient's perspective



Scalable



Avoid external apps



Easy, intuitive

METHODS

Study of ICHOM sets to identify new needs



Quality + IT + Strategy departments set the requirements for the new tools



Design and development of the new tools

RESULTS

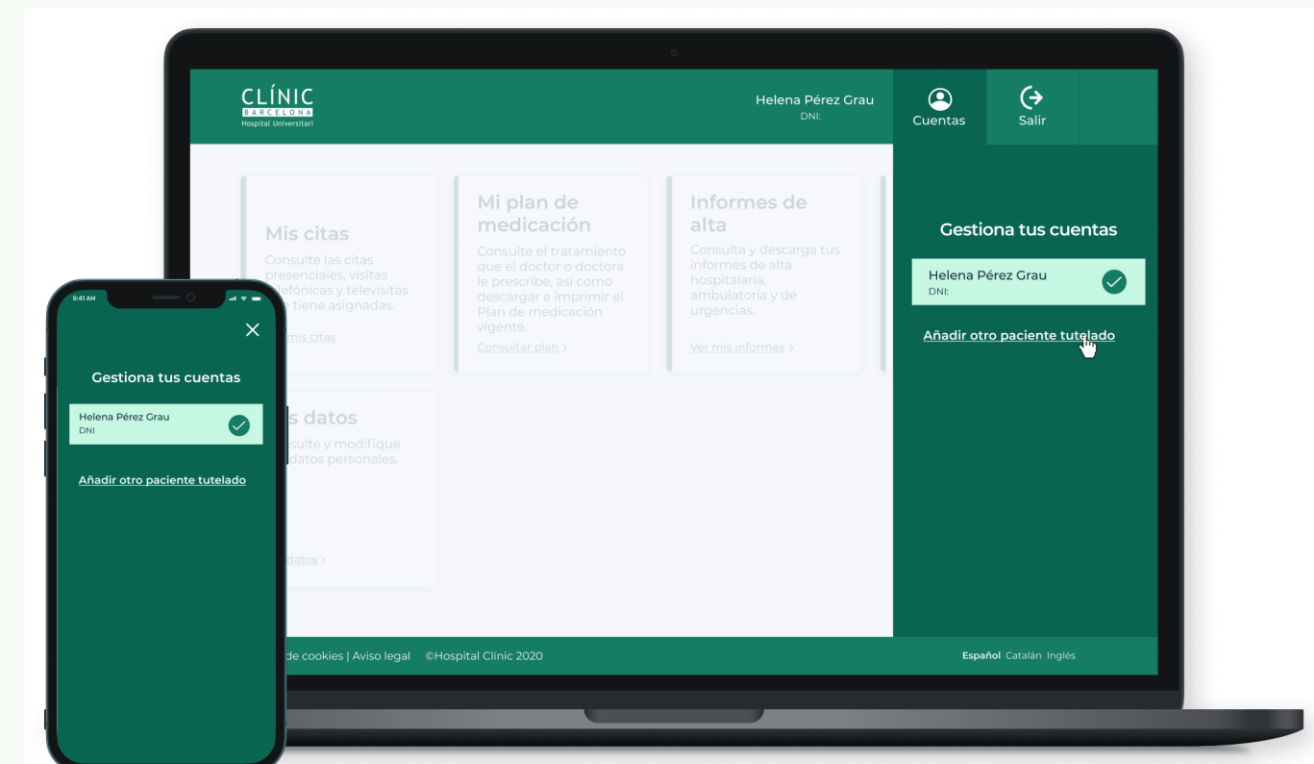
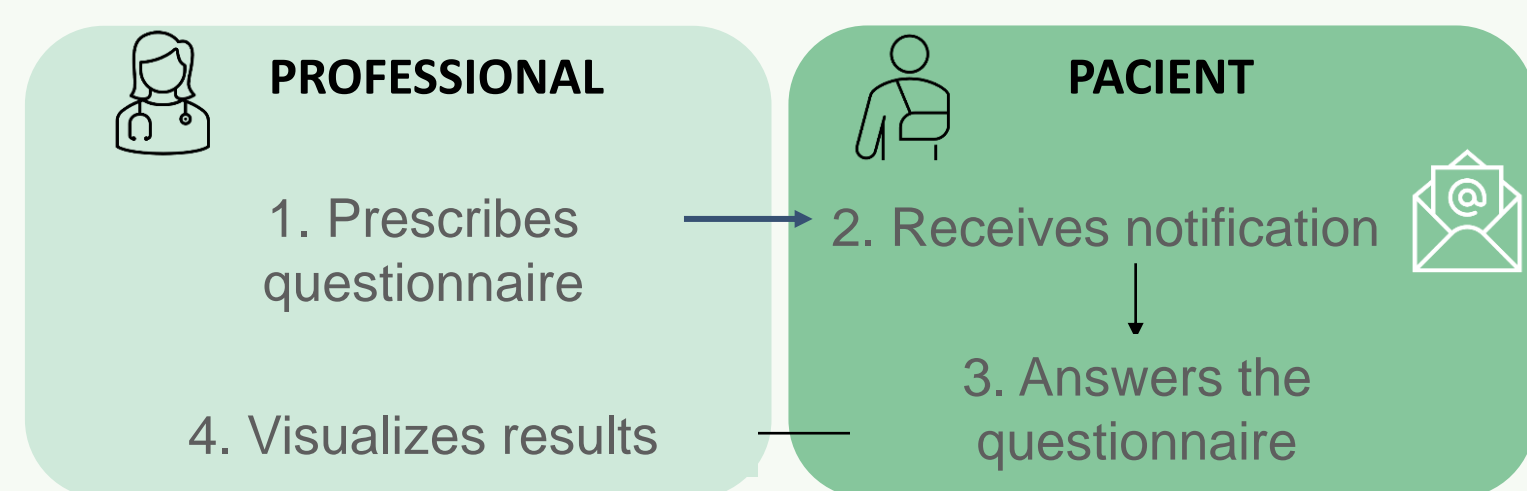
1 CLINICIAN REPORTED OUTCOMES (CROs)

Structured forms associated with the process are developed:

- Accessible from the usual workstation
- Access to all professionals involved
- To be used during the patient's visit
- Integration of all patient data
- Automated index calculations
- Clinical course is generated

2 PATIENT REPORTED OUTCOMES (PROs)

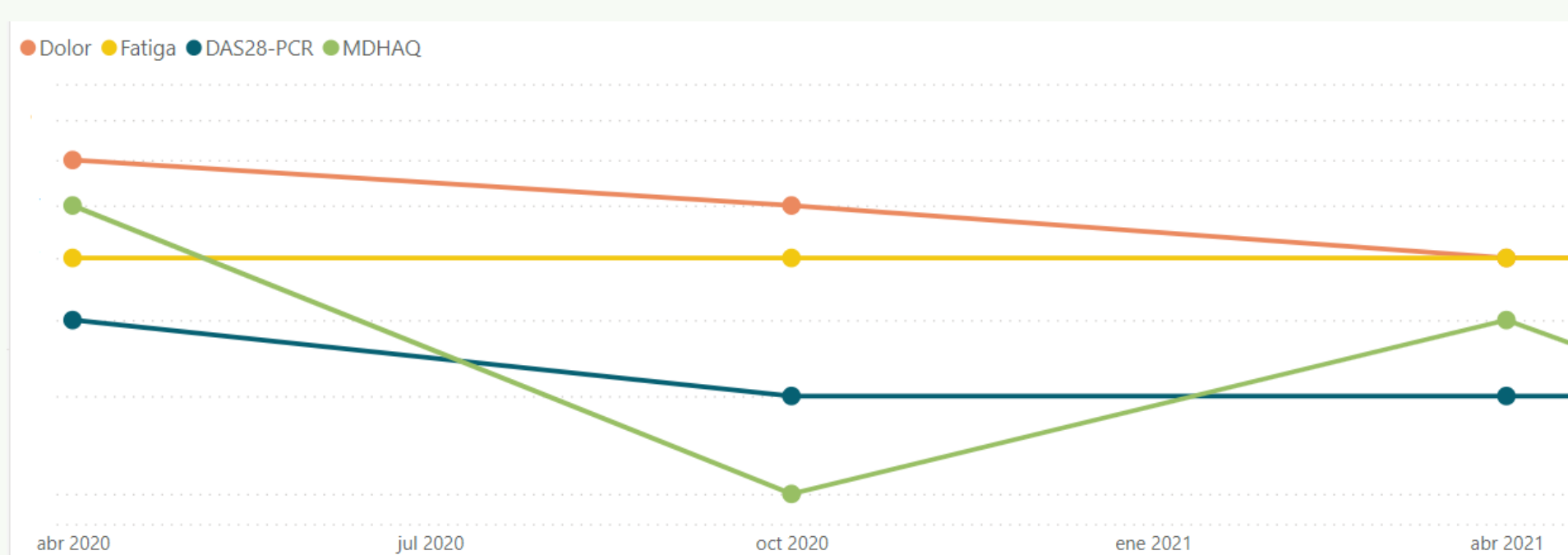
The professional prescribes questionnaires to the patient from the workplace and the patient answers them from their own mobile device, pc or tablet through our digital health application



3 USE OF DATA

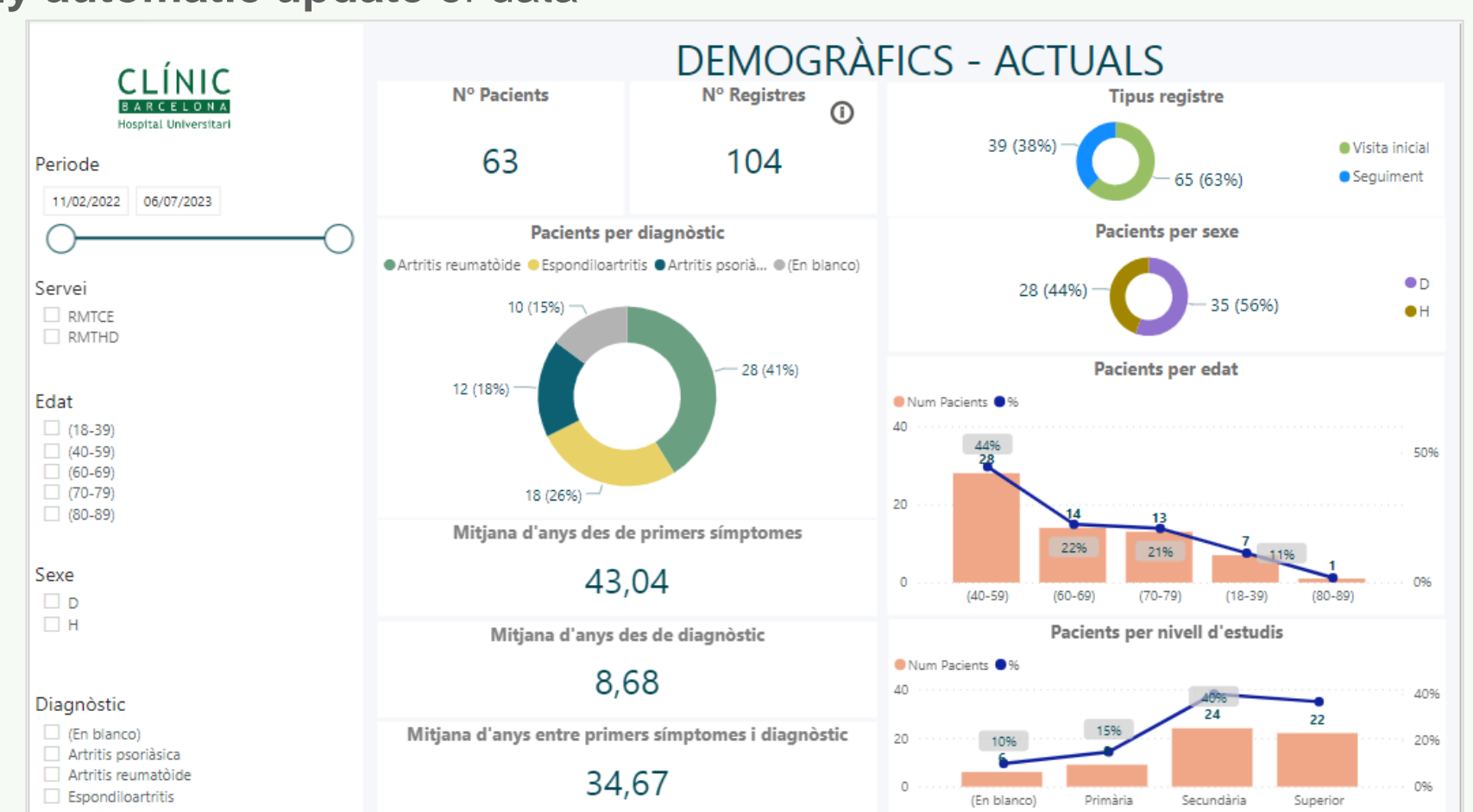
Visualization of the patient's evolution at clinician's workstation

- Evolution of CROs and PROs over time
- Important points are highlighted (changes in treatment, hospitalization, emergencies...)



Predefined dashboards for the follow-up of all patients in the care process.

- Dynamic data segmentation: age, sex, social determinants, therapeutic plan...
- Representation of indicators: demographics, clinical, treatment, process, economic...
- Daily automatic update of data



CONCLUSIONS

- These tools allow the implementation of VBHC in different care processes
- It has been possible to optimize processes, avoiding duplication and extra work in data collection
- The incorporation of PROs enables to consider the patient's perspective
- Digitization and structuring of data facilitates the use of data to support decision making



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Organizers:

