

People on board: Transforming healthcare by blending agility, responsiveness, and resilience



"Innovative collaborations, tools, and policies to improve the quality of service and care"

Registry of patients and treatments of hospital medicines in Catalonia:
A tool to improve quality and efficiency of hospital drug use

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Heading

- 1 Implementation & objectives
- 2 Characteristics & information
- 3 Data use & evaluation of results
- 4 Main challenges



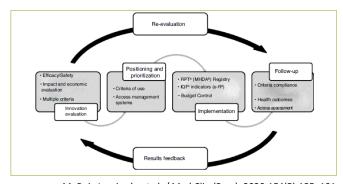
1 – Implementation & objectives

Centralized and mandatory registry for all public hospitals in Catalonia (n=65).

Designed in 2012 - 3 main objectives:

- Monitor the use of drugs linked to a diagnosis
- Find out the adherence to clinical criteria set by the **Pharmacotherapeutic Harmonization Program (PHP)**
- Assess health outcomes

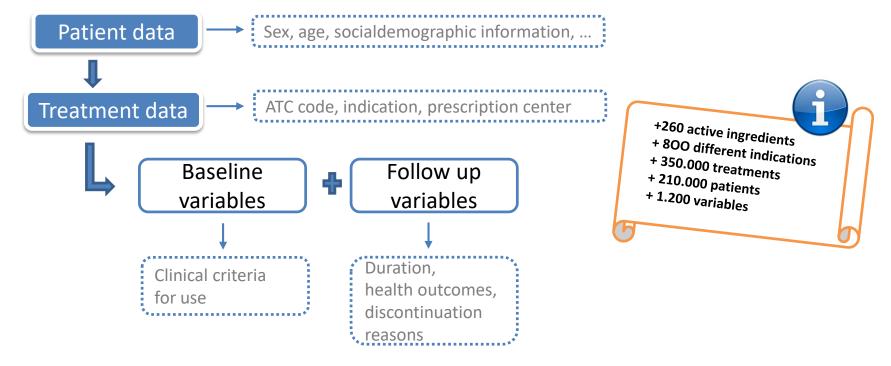
PHP - Appraisal of new drugs and proposal of the criteria for use and prioritization



M. Roig Izquierdo et al. / Med Clin (Barc). 2020;154(5):185–191



2- Characteristics & information





3 - Data use & evaluation of results **DECISION MAKING** Use analysis Other Health Monitoring drug prescription **Systems** Pharmacological tariffs (reference amount for a **HOSPITALS** *group of treatments)* Cost-sharing arrangements **Budget models PUBILCATION** in CATSALUT's **REGISTRY WEB** Evaluation of health outcomes PHP & Risk-sharing agreements CatSalut Effectiveness-based quality indicators commissions Citizen Health Outcomes analysis

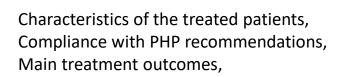


3 - Data use & evaluation of results



Evaluation of health outcomes

Summary of treatment costs.





Benchmarking across hospitals level Comparison with clinical trials

Public outcomes reports





PHP + prescribing physicians + hospital pharmacists + hospital managers

To identify and share best practices across different territories and teams



4- Main challenges – ongoing:

Define and implement a Quality Plan

Improve the usability

Connect with National registry - interoperability





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