

EMPOWERING HOME HOSPITALISATION WITH COMPREHENSIVE PHARMACEUTICAL CARE: A MODEL PROGRAMME FOR MEDICATION MANAGEMENT AND PATIENT MONITORING

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WHAT WAS DONE?

We developed and implemented a **comprehensive pharmaceutical care** programme in a **home hospitalisation (HH)** unit.



WHY WAS IT DONE?

HH units' full potential is actually limited by some **challenges** both demanding and ripe with opportunities for **pharmacy engagement**:

- Patient clinical complexity
- Lack of medical staff physically available for monitoring patients' evolution.

HOW WAS IT DONE?

The project was conceived by a multidisciplinary team (physicians, pharmacists, and nurses)



The team conducted a literature review and developed a **new home medication management standardised operating procedure**.

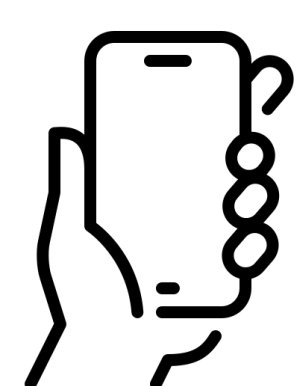
1. Design of a **HH pharmaceutical care guideline**
2. Implementation of an **e-health care tool** for remote patient monitoring.

WHAT HAS BEEN ACHIEVED?



HH pharmaceutical care guideline. It included the directions for the following measures:

- a **comprehensive pharmaceutical assessment** and medication reconciliation
- standardised recommendations for optimizing acute and chronic treatments at home
- **daily interviews** with patients or caregivers to explain medication changes
- **follow-up calls** 7 days after discharge in order to assess medication adherence.



HH monitoring app. The platform included:

- **pharmacotherapeutic monitoring** by setting medication schedules and intake notifications
- a **patient recording** for vital signs, side effects, and health status (functional status and quality of life)
- online access for pharmacists and physicians in real-time and continuous **two-way communication**.

WHAT IS NEXT?

Since our programme is easily **applicable to any HH unit**, we aim to conduct a multicenter study to evaluate its external validity in terms of **increasing medication errors** detected and **optimizing hospital resources**.



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