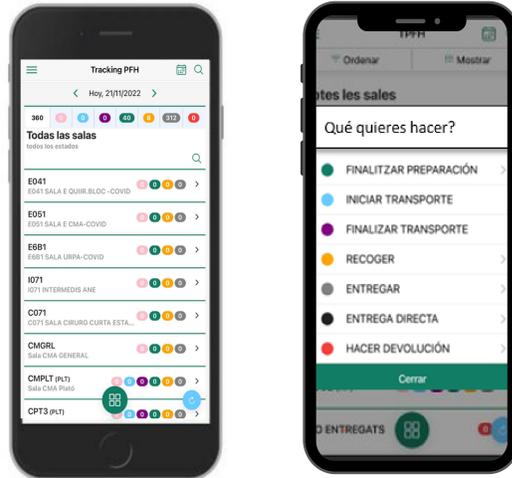


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What was done?

► In 2022, a mobile application (App) was designed and implemented to facilitate the traceability of preparations compounded at the Pharmacy Service (parenteral nutrition, chemotherapy and other individualized sterile preparations).



Why was done?

► To decrease the number of distribution incidents in the Compounding area.
► To identify improvement opportunities through the analysis of quality indicators from the traceability App.

How it was done?

- This Good Practice Initiatives (GPI) focuses on quality indicators obtained from the traceability App and its implications in the chemotherapy Compounding area.
- Monthly reports were analyzed from May to December 2022, focusing on the following items:
 - The average number of monthly preparations.
 - Weekly workload distribution.
 - Daytime distribution of compounded preparations.
 - Preparations returned to the Pharmacy.
 - Percentage of treatments prepared on the same day of administration.
 - Percentage of preparations compounded after the scheduled administration time.

What was achieved?

General App achievements



- ↓ **63%** number of incidents.
- ↓ **83%** time spent solving incidents

Improvement opportunities identified

- **1.4%** preparations returned per month.
- **8.1%** preparations with some delay from the expected time of administration

Indicators related to workflow

- Average of **139** chemotherapy preparations per day.
- Thursdays and Fridays are the busiest days with the **45%** of total weekly preparations per day.
- **63%** compounded in advance.
- **79%** compounded before 3PM (morning shift).



What is next?

- Work on improving some weak points detected from the analysis of the indicators.
- Expand the functionalities of the traceability App up to the administration of the medication.

