

COMPUTER DEVELOPMENT OF THE MAGISTRAL FORMULATION MODULE FOR UNIFICATION OF THE PRODUCTION AREA

PC50170

A. Henares López¹, V. Collados Arroyo¹, C. Mayo López¹, R. Fernández Caballero¹, L. Carrasco Piernavieja¹

Universitary Hospital Infanta Elena. ¹Pharmacy Service. Valdemoro, Madrid.

Contact data: ahenareslopez@hotmail.com



What was done?

A new magistral formulation and mixes management program was developed in the Farmatools® software to optimize the procedures and records of this area.

How it was done?

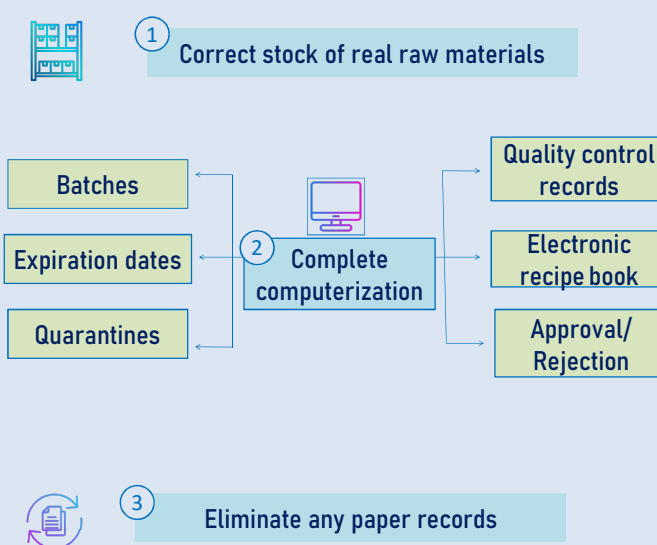
Farmatools® software in our pharmacy service had a simple compounding module. It was necessary to carry out a development to add improvements such as:

- ✓ Registration of raw materials
- ✓ Quarantine states
- ✓ Expiration notices
- ✓ Manufacturing protocols
- ✓ Programming calendars
- ✓ Improvement of the traceability system
- ✓ Quality controls
- ✓ Validation section for the pharmacist
- ✓ Registration of manufacturing staff
- ✓ Improvement of data present on the manufacturing label.

Why was done?

The correct management of compounded formulation is important for the labor of a pharmacy service, ensuring safe preparation and adequate traceability. In our pharmacy service we only had a simple formula registration program that only allowed formulas to be added to the stock but the rest of the work (protocols, batches, preparation staff, validation) was recorded on paper.

What was achieved?



What is next?

There are still new developments to be implemented, such as the creation of a calendar of scheduled work and a list that allows viewing the preparations pending validation by the pharmacist. Finally, it would be necessary to implement tablets that contain work protocols to avoid the use of paper. With this program it has been possible to unify the work of the production area in a single program, which results in an improvement in traceability and fluidity in the work.

