

Strategies to promote sustainability of the medication use process: analysis of the proposed actions from a hospital pharmacy service

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What was done?



An evaluation of the sustainability of the medication use process (MUP) in the different areas of a hospital pharmacy department



How was done?

PD of a tertiary hospital (1300 beds) where proposals from each area were collected according to type of patient, type of medication involved and the four phases of the MUP:



Purchase management



Validation



Dispensation



Compounding



What has been achieved?



28 Sustainability strategies



Why was it done?

It was important to analyze proposed sustainability strategies to reduce drug-waste derived from the MUP in a hospital.

Also to analyze the phase of MUP (from manufacturing to compounding) and the potential number and type of medications of the patients involved.



What is next?

The implementation of the strategies would be feasible and have a significant effect on waste reduction.



Pharmacists should commit to this issue, paying special attention to the validation process, to achieve not only efficiency, but also the sustainability of the use of medications.



More achivable and greater impact of the strategies in the validation phase

TYPE OF PATIENT

- Inpatients: 32,14%
- Outpatients: 10,71%
- Both: 57,14%

MUP

- Validation:39,28%
- Purchase: 10,71%
- Dispensation: 10,71%
- Compounding: 7,14%

TYPE OF MEDICATION

- Oral: 1 strategie
- Parenteral: 6 strategies
- Both: 21 strategies

