GROUPING PATIENTS WITH THE SAME CANCER OR BIOLOGICAL TREATMENT ON THE SAME MEDICATION ADMINISTRATION DAY IS AN EFFICIENT TOOL

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OBJECTIVE

Hospital → 400 beds: antineoplastic and biological agents ➞ 20% (3,659,400 €/year) of the total drug expenditure

To Reduce medication wastage and minimize economic losses

METHODS

When the shelf-life of the drug allows it, the Pharmacy stores partially used vials are stored in adequate condition until the next working day, but some drugs are not stable when handled for more than 24 hours!!!

Citing patients with similar treatments on the same day

To take into account:

- Selection of drugs with poor stabilities after handling
- Evaluating the prescribing patterns and the nurses’ workflow
- Grouping patients with the same treatment
- Trying not to overload any professional
- To record the number of vials reused at the end of the day

RESULTS

During the period January to August 2011

340 vials of 12 active principles with poor stabilities (less than 24 hours) have been reused

This has led to a total saving of 3.6% (106,311€) of the total costs of these drugs

Three drugs have produced most of the cost saving:

- **Infliximab**: 49% of the total (76 patients, 309 doses)
- **Azacitidine**: 24% of the total (7 patients, 283 doses)
- **Rituximab**: 11% of the total (51 patients, 170 doses)

CONCLUSION

The relatively simple issue of coordinating the day of drug administration from different patients can imply a very significant wastage reduction and the consequent economic saving