



7-YEAR EXPERIENCE USING AUTOMATED CABINETS WITHIN AN ONCO-HEMATOLOGY DEPARTMENT

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BACKGROUND

Managing of hospital supplies, within a complex trust such as ASL Salerno 1, requires an enormous expenditure of human and economic resources. The absence of a computerized system for checking and managing the logistic flows may generate waste and increase the risk of items obsolescence.

PURPOSE

To use the latest logistic management technologies for the rationalization of costs through logistic processes optimization.

MATERIALS AND METHOD

In 2004, 27 automated cabinets were installed within the wards and operating rooms of 5 Hospitals.

The Onco-Hematology ward was the reference department due to the high volumes of highcost drugs.

To evaluate the economical and organizational benefits achieved after 7 years of use, we used reports from a Central Server placed in the Hospital Pharmacy and connected to the automated cabinets.



Before



After

RESULTS

Economical Reports have outlined a reduction of 30-40% of economic stock value for a sample group of drugs, steadily used within the Onco-Hematology department.

Management Reports allowed a reduction of stock within the ward, through the evaluation of items turnover rates and the consequent redefinition of the minimum stock value.

CONCLUSIONS - ACKNOWLEDGEMENTS

The implementation of new technologies allows the real optimization of resources through a punctual check of main hospital logistic activities.

The cooperation of health personnel facilitates the achievement of excellent results.

In 2010 the Onco-Hematology ward required the installation of another automated cabinet to extend the benefits so far achieved to medical device management.