

AN AUDIT OF PHARMACEUTICAL SPECIALTY MULTIDOSE USAGE IN A REGIONAL HOSPITAL'S NURSING UNITS

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Background

Hospital pharmacist is responsible for guaranteeing drug safety and efficacy. In 2008, the pharmacy service drew up recommendations for the use of multidose drugs (md) which, once opened, require proper storage conditions.

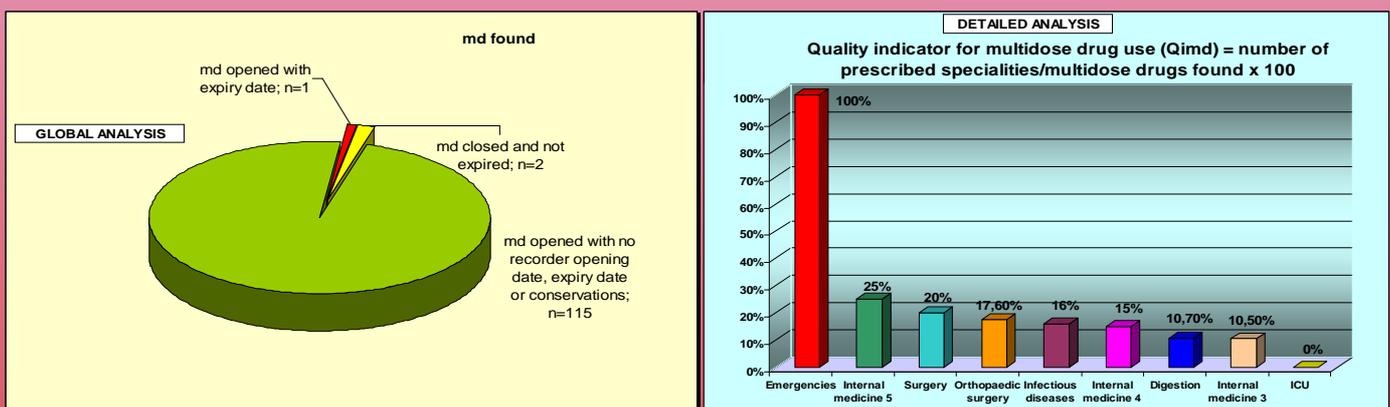
Purpose

To analyse the storage and conservation of multidose pharmaceutical specialties such as oral or rectal solutions, suspensions and effervescent tablets in nursing units, including Intensive Care Unit (ICU) and Emergencies in order to eliminate improper practices and propose better usage.

Material and methods

A cross-sectional observational study was performed in the hospital's nursing units in september 2015. An excel data-gathering sheet was designed to include the name and number of the specialties found, number of md opened, closed, with no written opening date or conservation conditions, prescribed in the electronic prescription program, and other observations.

Results



Conclusion

We found that 97.5% of md had been opened with no opening date recorded, which undermines the quality of the pharmaceutical specialty. In addition, 17% of multidose specialties were prescribed. Based on the results, we make three proposals: 1° strengthening the 2008 recommendations by formulating a protocol for handling md, 2° informing and training nurses to comply with the protocol, and, 3° designing a manual for md usage and a leaflet on the stability of multidose pharmaceutical specialties.

References and/or Acknowledgements