CURRENT STATE OF THE ANTI-INFECTIVE OPHTHALMIC COMPOUNDING FORMULATION IN PHARMACY SERVICES: A NATIONAL SURVEY


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BACKGROUND

- The ophthalmic formulation has been postulated for decades as the only alternative for the treatment of serious infective ocular diseases, since its approach with commercial presentations is not possible.
- Most of these compounded formulas are made in hospital pharmacy services.

OBJECTIVE

Summarize the current state and processing variability of anti-infective ophthalmic compounded formulas through a survey to pharmacists of different hospitals in Spain.

METHODS

Survey with questions related to anti-infective ophthalmic compounding formulations:
- Facilities
- Stockage
- Vehicles
- Use of freezing/preservatives
- Validity periods
- Packaging

A questionnaire was developed and sent by email to hospital pharmacists nationwide.

RESULTS

- 163 pharmacists from different Hospital Pharmacy Departments
- 34% prepares anti-infective formulations on demand, while the rest has a stock.

CONCLUSION

- A great variability was observed regarding the methodology used for the preparation of anti-infective ophthalmic compounded formulas in hospitals throughout the country.
- Most of the differences were related to elaboration processes, packing and conservation of the same anti-infective ophthalmic compounding formulations.