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## Background

Currently, there is a continuous renewal of the scientific evidence. Therefore, healthcare systems need to perform systematic literature reviews of the different medicines and procedures used in clinical practice to update protocols, dosages or administration forms.

The improvement in the training for health staff is one of the strategies most highly valued by different healthcare systems to ensure patient safety and pharmacotherapeutic quality. With the guidelines for the use of medicines, a lot of information is provided through drug monographs to the medical staff.

## Purpose

From our Pharmacy Department (PD) of a tertiary teaching care hospital has been established performing a set of guidelines for the use of drugs in patients at special situations (SS).



## Material and methods

PD evaluated and selected clinical areas with patients in SS that could benefit from pharmaceutical care.

Need for a quick reference guidance on dosage and administration was established with Healthcare professionals.

Review of scientific literature, consensus of scientific societies and other information by pharmacist and physician.



## Results

Since 2013, two guides have been approved by hospital pharmacists, physicians and nurses from various clinical departments: parenteral drug administration in neonatal patients and subcutaneously drug administration in palliative care. It is currently in press a guide for medicines conciliation in surgical patients.

## Conclusions

To improve the quality of healthcare across hospitals, we must establish the needs of the environment and perform training strategies.

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