

IMPORTANCE OF CONCILIATION IN IMMUNOSUPPRESSANT TREATMENT



Rodríguez Jorge, M; Castañeda Macías, I; García Giménez, I.
Hospital Universitario Juan Ramón Jiménez, Pharmacy Department. Servicio Andaluz de Salud. Distrito sanitario Huelva-Costa, Primary Care Pharmacy. Huelva. Spain.

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BACKGROUND AND IMPORTANCE

The risk associated with contraindicated administration or omission of doses of a treatment is increased in the case of immunosuppressive drugs, due to their narrow therapeutic margin, with small differences between therapeutic and toxic doses.

AIM AND OBJECTIVES

The aim of this study is to know if the immunosuppressive drugs prescribed to hospital inpatients is correct, to emphasize the role of the pharmacist in medication conciliation.

MATERIAL AND METHODS

A prospective analytical study was performed in a second level hospital for a period of four months. Every patient admitted under treatment with immunosuppressive drugs was included.

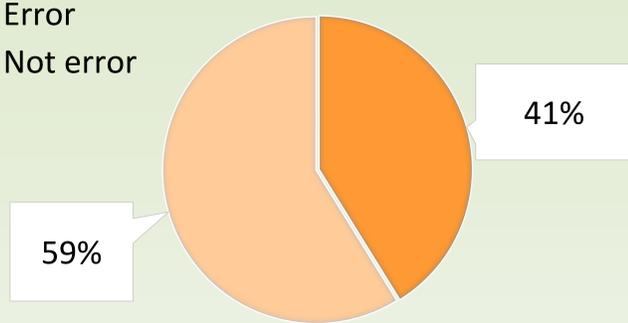
Patients with immunosuppressant treatment were analysed and their medication was reconciled with the help of the Diraya® digital history software and, in the case of discordance between their home medication and the prescribed medication, the prescribing physician was contacted. The variables collected were: demographic data, immunosuppressive treatment, hospital service, error type, intervention by the pharmacist and whether this was accepted by the physician.

RESULTS

Total: 34 patient
Mean age: 59±13 years
53% men

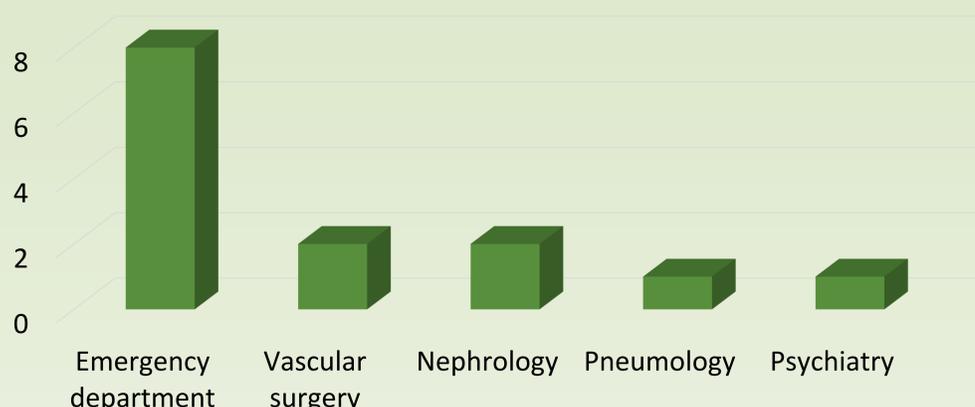
PATIENTS WITH ERRORS IN THEIR IMMUNOSUPPRESSIVE TREATMENT

■ Error
■ Not error



- Dose incorrectly prescribed: 9 patients (75%)
- Treatment omission: 2 patients
- Error in prescribing the form of treatment release: 1 patients

SERVICE DISTRIBUTION



75% were accepted by the physician, modifying the regimen

All errors with the different types of tacrolimus and mycophenolate

CONCLUSION AND RELEVANCE

The conciliation process is aimed at detecting and correcting possible medication errors that may have gone unnoticed.

The importance of this process on the part of the pharmacist is enhanced with vitally important drugs such as immunosuppressive drugs, and in hospital services where the workload is heavy, such as the emergency department.