

IMPACT OF THE PHARMACEUTICAL VALIDATION OF PRESCRIPTIONS FOR INPATIENTS WITH RENAL IMPAIRMENT

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OBJECTIVES

To describe pharmaceutical interventions (PIs) on electronic prescriptions for patients with renal impairment (RI= creatinine clearance <50 ml/min) admitted from emergencies.





>Observational ➢Nine-month study ➢ Prospective

SELECTED PATIENTS

✤Patients with RI admitted from emergencies to wards with electronic prescribing. ✤Glomerular filtration rate calculated with MDRD-4 IDMS.



WAS NOT CORRECT	
A PI was written in the 'Alerts' section of the prescribing program which was subsequently seen by the physician.	

DATABASE RECORDING			
Demographics	Drug		
Date of the PI	PI		
Serum creatinine	Acceptance or rejection and why		
Creatinine clearance	Evolution of renal function on the seventh day of the acceptance		

RESULTS

✓ 5311 patients were included, 221 PIs were made for 181 patients (3.41%). Patients for whom interventions were made had a mean age of 78 (29-102) and 49.2% were male.



CONCLUSIONS

Electronic prescribing is a useful tool for identifying opportunities for PI in patients with RI. ✓ Differences in renal function progression between the group in which the PI were accepted and the group in which these were rejected were not statistically significant.

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