

# Evaluation of medication-related pharmacist interventions in a newly established nephrology outpatient clinic

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## Background:

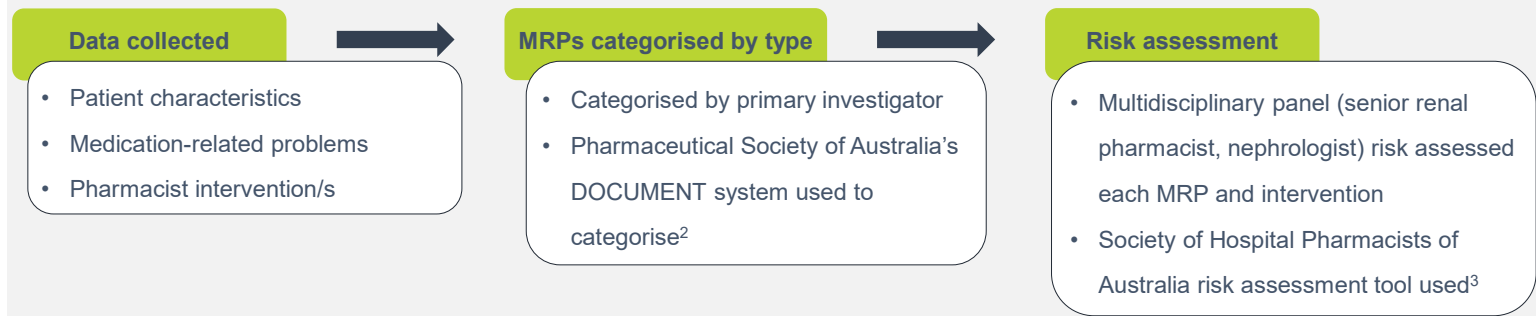
In response to increasing numbers of chronic kidney disease patients within a growing regional health service catchment, a new nephrology clinic was established with full-time pharmacist support. Despite pharmacists' roles in nephrology clinics being well established, there was little local evidence of the impact of pharmacist interventions in the clinic.

## Aim:

To determine the type and acuity of interventions relating to medication-related problems (MRPs) in a nephrology outpatient clinic, as well as their acceptance and resolution rates.

## Methods:

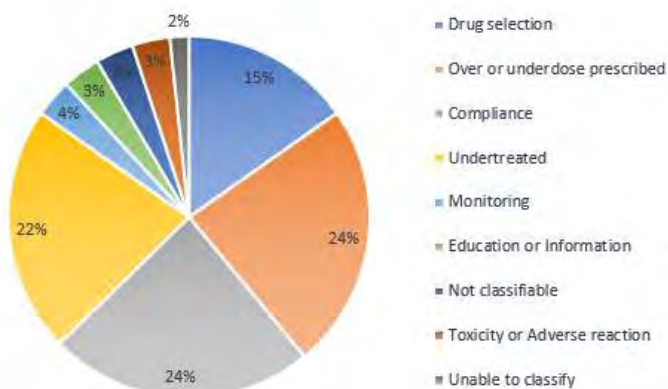
A retrospective audit was conducted on the medical records of fifty patients who were seen by a pharmacist in the clinic in February 2020.



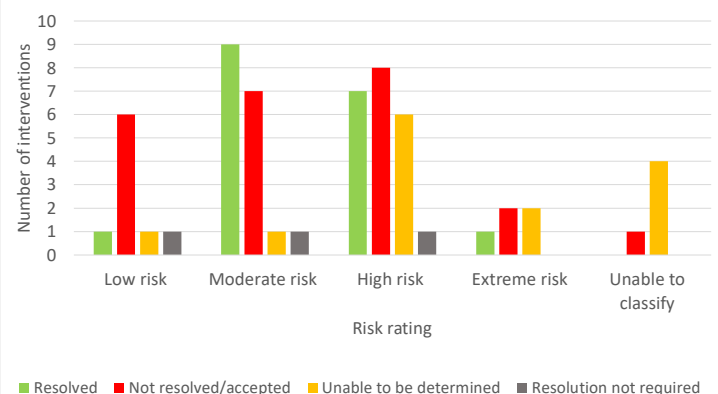
## Results:

Of the 50 patients, 32 (64%) had at least one MRP recorded. A total of 59 MRPs and associated interventions were collected.

Types of medication-related problems



Risk rating and outcome of MRPs and associated interventions



## Discussion:

Pharmacists had high rates of identifying MRPs, demonstrating the pivotal role of outpatient pharmacists. A limitation of this audit is information gaps regarding outcomes. Improved documentation and further investigation into reasons for lack of resolution of MRPs is recommended.

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 2. Pharmaceutical Society of Australia Pty Ltd. Guidelines for pharmacists performing clinical interventions. Australia: Pharmaceutical Society of Australia; 2018. Available from: <https://www.ppaonline.com.au/wp-content/uploads/2019/01/PSA-Clinical-Interventions-Guidelines.pdf>  
 3. Society of Hospital Pharmacists of Australia. Standards of Practice for Clinical Pharmacy Services. Chapter 13: Documenting Clinical Activities. Australia: Society of Hospital Pharmacists of Australia; 2016.