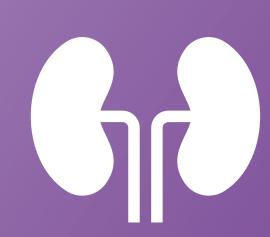
Dialysis: Filtering Out the Pharmacist Role



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Background

Clinical pharmacy service in dialysis is a growth area for renal pharmacy and is noted as an emerging role in SHPA Standards of Practice in Nephrology.³ Patients on dialysis are ageing and multi-morbid with complex medication regimens. Pharmacists are key collaborators in the renal multidisciplinary team, managing complex medication regimens, preventing adverse events, and enhancing education.^{2,3}

Objective

A scoping review was conducted to understand clinical pharmacy services offered to dialysis patients and outcomes measured.⁴ These results were combined with implementation methodology to develop and evaluate a service dialysing 60 onsite patients weekly.

Action

A pharmacist service was implemented at 0.6 EFT, extending the previous supply-only model. The scoping review identified opportunities for action, and a priority list was discussed with the team.⁴

Evaluation

A combination of results from the scoping review, service metrics, staff and patient feedback, and system optimisation was used to build a clinical pharmacy service that meets the unit's needs.⁴ Efficiencies for medicine supply, warfarin management, and medication history documentation were established, and a dashboard was developed (in the absence of an electronic medical record) displaying the virtual stock inventory of enoxaparin and iron, as well as clinical and medication chart review status.⁵



Figure 1. QR code to an image of the Dialysis Pharmacist Service Dashboard.

Discussion



Current medication therapies are documented and updated 2-monthly, with 542 histories documented for 104 patients at an average interval of 42 days over the past 22 months (September 2021-June 2024).



Management of warfarin for 15 patients has been streamlined through the pharmacist service.



The dialysis pharmacist has also been involved in erythropoiesis-stimulating agent tender strategy and compliance monitoring, and pharmacist involvement in the multidisciplinary team has allowed for meetings to be funded via National Weighted Activity Unit.⁴



Staff report the service as "invaluable to patients and staff" and "a welcome addition to improving outcomes for patients".

Future opportunities are in pharmacist-led anaemia and mineral-bone disease management.⁴

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