

Inflammation and Colchicine use in patients with ESRF undergoing Dialysis

ACTRN12617000922370

Status	RECRUITING
Phase	Phase 2
Sponsor	A/Prof Sanjay Patel
Enrollment	100 participants

Plain Language Summary

This study is looking at how inflammation works in people with severe kidney disease who are on dialysis, and whether a medicine called colchicine — normally used to treat gout — can reduce that inflammation. People on dialysis often have high levels of inflammation in their blood, which can damage the heart and blood vessels. This study will look at what specific immune cells and molecules are involved, and whether colchicine can lower those levels.

You may be eligible if:

- You are 18 years old or older
- You have end-stage kidney failure and are receiving haemodialysis

You may NOT be eligible if:

- You are allergic to colchicine
- You have moderate or severe liver disease
- You have low blood cell counts (thrombocytopenia or leukopenia)
- You are pregnant, breastfeeding, or at risk of becoming pregnant
- You are taking certain strong medicines that interact with colchicine (CYP3A4 inhibitors)
- You are already taking colchicine
- You have an active infection or are taking other anti-inflammatory medicines

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (1)

- Patients with end stage renal failure on haemodialysis

Exclusion (7)

- Known hypersensitivity to colchicine
- Moderate hepatic dysfunction (Alanine Aminotransferase 1.5x upper limit of normal range)
- Thrombocytopenia or leukopenia
- Pregnant or lactating women and women at risk of pregnancy
- Patients taking moderate-strong CYP3A4 inhibitors
- ... and 2 more (see full listing online)

Locations (1 total)

Royal Prince Alfred Hospital - Camperdown, NSW, Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12617000922370>

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