

The effect of lower salt exposure at haemodialysis on cardiac micro-injury, in home and self-care haemodialysis patients.

ACTRN12614000070639

Status	RECRUITING
Phase	Phase 3
Sponsor	The Centre for Clinical Research and effective practice (CCRep), registered with the New Zealand Charities Commission (ref# CC21537)
Enrollment	118 participants

Plain Language Summary

This study is looking at whether using a lower amount of sodium (salt) in the fluid used during dialysis can reduce heart problems in people who do home or self-care haemodialysis. Researchers want to check whether any benefit is offset by low blood pressure episodes during dialysis and small amounts of heart muscle injury.

You may be eligible if:

- You are 18 years or older
- You are on home or self-care haemodialysis for kidney failure
- Your blood sodium level is 135 mmol/L or higher before dialysis
- Your doctor agrees that both low and standard sodium dialysate (dialysis fluid) are suitable for you
- You are willing to participate and have signed the consent form

You may NOT be eligible if:

- You have dialysis more than 3.5 times per week
- You receive haemodiafiltration (a different type of dialysis)
- Your life expectancy is less than 12 months
- You are scheduled for a live-donor kidney transplant within 12 months
- You have conditions that make study procedures unsafe (such as frequent low blood pressure during dialysis)
- You are already enrolled in another trial testing blood pressure or dialysis changes
- You have infiltrative or hereditary heart muscle disease, or moderate to severe aortic valve disease

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

Key Eligibility Criteria

Inclusion (6)

- Incident or prevalent patients treated with maintenance home or self-care haemodialysis for end-stage kidney failure
- Aged 18 years or older
- Suitable for both low and standard dialysate [Na+] in the view of the treating physician
- The person is willing to participate and has signed the Participant Information and Consent Form
- Pre-dialysis plasma [Na+] > or = 135mM

... and 1 more (see full listing online)

Exclusion (8)

- Haemodialysis treatments at a frequency of greater than 3.5 times per week
- Treatment with maintenance haemodiafiltration
- Life expectancy of less than 12 months

• Scheduled for live donor kidney transplantation within 12 months of entry to the study
<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12614000070639>

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- Considered by the treating nephrologist to have concomitant illnesses or conditions that limit or contraindicate study procedures and followup (e.g. frequent intra-dialytic hypotension requiring fluid resuscitation)

... and 3 more (see full listing online)

Locations (1 total)

New Zealand