

Arginine and wound healing in patients with critical limb ischaemia recovering from a bypass graft

ACTRN12608000419369

Status	RECRUITING
Phase	Phase 3
Sponsor	Flinders University Faculty of Health Sciences
Enrollment	20 participants

Plain Language Summary

This study is testing whether a diet supplemented with arginine — an amino acid that may support wound healing — can help patients with severe leg artery blockage (critical limb ischaemia) heal faster after bypass graft surgery. Participants will receive either regular hospital meals plus an arginine-enriched supplement or regular meals plus a standard nutritional supplement, to see which helps surgical wounds heal more quickly.

You may be eligible if:

- You are 18 years of age or older
- You have been diagnosed with critical lower-limb ischaemia (severely reduced blood flow to the leg)
- You are admitted to the vascular surgery unit for a bypass graft procedure
- You are able to eat normally

You may NOT be eligible if:

- You are receiving palliative (end-of-life) care
- You are in an intensive care unit
- You are not eating by mouth, or require tube feeding or intravenous nutrition
- You have impaired thinking or cognition that prevents you from fulfilling study requirements

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

Key Eligibility Criteria

Inclusion (1)

- All patients with chronic critical lower-limb ischaemia admitted to the Vascular unit at the Repatriation General Hospital for a bypass graft procedure.

Exclusion (1)

- Patients receiving palliative care and ICU (intensive care unit) patients. Patients who are nil by mouth or who require enteral feeding or parenteral nutrition. Patients who are unable to fulfill the requirements of the study due to impaired cognition

Locations (1 total)

Australia