

Topical nifedipine for post haemorrhoidectomy pain relief

ACTRN12623000514606

Status	RECRUITING
Phase	Phase 3, Phase 4
Sponsor	Dr Christopher Steen
Enrollment	60 participants

Plain Language Summary

Haemorrhoidectomy — the surgical removal of haemorrhoids — is one of the most common procedures performed by surgeons, but it is notorious for causing significant pain afterward. This pain is thought to result from spasm of the anal sphincter muscles and can be severe enough to require hospital readmission.

This study is testing whether a topical cream containing nifedipine — a type of blood pressure medication that relaxes smooth muscle — applied around the surgical site after the operation can reduce pain and speed recovery. Participants will be randomly assigned to receive either the nifedipine cream or a placebo cream for the days following surgery, and pain levels will be monitored closely.

You may be eligible if you are aged 18–80, are scheduled for a haemorrhoidectomy by a specific closed surgical technique, and have no known allergy to nifedipine. Women who are pregnant or breastfeeding, those with concurrent anorectal conditions, and those who cannot have a general anaesthetic are not eligible.

Key Eligibility Criteria

Inclusion (1)

- Patients over the age of 18 who are planned for 3-column haemorrhoidectomy, by a closed technique, will be recruited by surgeons during either their initial consultation for haemorrhoidectomy surgery or on the day of planned surgery.

Exclusion (10)

- Patients who will not be included in the trial will be those who:
 - i. are under the age of 18
 - ii. are pregnant or breast feeding
 - iii. have concurrent non-haemorrhoidal anorectal disease
 - iv. have a known allergy to nifedipine
- ... and 5 more (see full listing online)

Locations (2 total)

Cabrini Hospital - Malvern - Malvern, VIC, Australia
Box Hill Hospital - Box Hill, VIC, Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12623000514606>

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