

# Studying the effect of fibroids versus adenomyosis on the ovarian artery blood flow in comparison to normal subjects.

ACTRN12614000139673

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**Status** RECRUITING  
**Sponsor** Eman Elkattan  
**Enrollment** 150 participants

## Plain Language Summary

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This observational study is looking at blood flow in the ovarian arteries in women who have been diagnosed with uterine fibroids or a condition called adenomyosis (where the inner lining of the uterus grows into the muscle wall), compared to women with no uterine abnormalities. Participants will have an ultrasound scan to measure blood flow. Researchers want to understand how these conditions affect blood supply to the ovaries.

You may be eligible if:

- You are a woman aged between 25 and 55 years
  - You have an ultrasound diagnosis of fibroids only (and are scheduled for a hysterectomy confirmed by pathology),
- OR
- You have an ultrasound diagnosis of adenomyosis only (and are scheduled for a hysterectomy confirmed by pathology), OR
  - You have a normal pelvic ultrasound and no symptoms, and are close in age to the other participants

You may NOT be eligible if:

- You have both fibroids and adenomyosis
- You have fibroids or adenomyosis but are not having a hysterectomy

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

## Key Eligibility Criteria

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### Inclusion (3)

- women with ultrasound diagnosis of fibroids only and scheduled for hysterectomy confirmed by histopathology
- women with ultrasound diagnosis of adenomyosis only and scheduled for hysterectomy confirmed by histopathology
- women with ultrasound that confirms normal pelvic study and are asymptomatic and age matched

### Exclusion (2)

- women with combined adenomyosis and fibroids
- women with fibroid or adenomyosis and are not scheduled for hysterectomy

## Locations (1 total)

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Cairo, Egypt

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12614000139673>

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