

Assessing change in Anti-Mullerian Hormone associated with surgical excision vs conservative management of endometrioma

ACTRN12620001201965

Status RECRUITING
Sponsor Keryn Harlow
Enrollment 572 participants

Plain Language Summary

This study follows women with endometriomas (a type of ovarian cyst caused by endometriosis) over five years to see how their egg reserve — a measure of fertility potential — changes depending on whether the cysts are removed surgically or managed conservatively (left alone). Endometriomas are associated with reduced fertility, and this is an important and difficult clinical decision because surgery can itself reduce the remaining egg supply.

The egg reserve is measured using a blood test for a hormone called AMH (anti-Müllerian hormone), which reflects the number of eggs remaining in the ovaries. By tracking AMH at 7 points over 5 years in both groups, this study will provide much-needed long-term data to help doctors and women make better-informed decisions about managing endometriomas when fertility is a priority.

You may be eligible if you are a woman aged 25 to 37 with an ultrasound diagnosis of one or more endometriomas measuring at least 2cm, attending a gynaecology or fertility clinic in Australia or New Zealand. Women who have previously had ovarian surgery, are suspected of having cancer, do not speak English, or are planning or have had a hysterectomy are not eligible.

Key Eligibility Criteria

Inclusion (1)

- Women aged 25-37 presenting to: general gynaecology outpatient clinic or Reproductive Services Unit at The Royal Women's Hospital, or to a level 5 or 6 laparoscopic accredited gynaecologist or fertility specialist at Ramsay Health, Epworth Healthcare, Melbourne IVF or NewLife IVF, or the Endometriosis Centre at Hadassah-Hebrew University Medical Centre in Israel or Te whatu ora, Health New Zealand, in New Zealand with an ultrasound (USS) diagnosis of endometrioma defined as: the presence of one or more ovarian cysts equal to or greater than 2cm diameter with regular margins and ground glass echogenicity.

Exclusion (6)

- Endometrioma <2 cm diameter- these patients are more likely to be managed conservatively
- Factors that can affect ovarian reserve, including previous ovarian surgery, oophorectomy, chemotherapy
- Suspicion of malignancy- and will therefore be offered surgery
- Inability to provide informed consent
- Non-English speaking

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

Locations (9 total)

The Royal Women's Hospital - Parkville, VIC, Australia
Epworth Freemasons (Victoria Parade) - East Melbourne, VIC, Australia
Epworth Richmond - Richmond, VIC, Australia
... and 6 more locations

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12620001201965>

DISCLAIMER: This document is for informational purposes only and does not constitute medical advice. Always consult your healthcare provider before enrolling in any clinical trial. Information may not be up to date — verify details at anzctr.org.au. Generated by ClinicalTrialsFinder.org.