

The Bariatric sUrgery and Maternal nutrition in Pregnancy (BUMP) Study

ACTRN12623000495628

Status	RECRUITING
Sponsor	Royal Brisbane Women's Hospital
Enrollment	100 participants

Plain Language Summary

Bariatric (weight loss) surgery like gastric bypass or sleeve gastrectomy can change how the body absorbs vitamins and nutrients — and pregnancy after bariatric surgery brings unique nutritional challenges. Poor nutrition during pregnancy can affect both the mother's health and the baby's development, but there is limited Australian data on how well these pregnancies are managed.

The BUMP Study is collecting information on pregnancy weight changes, dietary intake, vitamin deficiencies, and health outcomes in women who become pregnant after bariatric surgery. This is an observational study — no new treatment is being tested. Researchers simply want to understand what is happening nutritionally so that care guidelines can be improved.

You may be eligible if you are pregnant (up to 22 weeks gestation), have had bariatric surgery previously, are expecting to give birth at one of the participating hospitals, and are comfortable communicating in English. Twin or triplet pregnancies and women with conditions affecting nutrient absorption other than bariatric surgery are not eligible.

Key Eligibility Criteria

Inclusion (5)

- Less than or equal to 22 weeks gestation
- Birthing at a recruiting facility
- History of bariatric surgery
- English speaking
- Consenting

Exclusion (3)

- Twin or triplet pregnancies
- Conditions that may impact micronutrient metabolism other than bariatric surgery (such as cystic fibrosis, chronic kidney disease, inflammatory bowel disease).
- Non-english speaking or otherwise unable to provide verbal and written consent

Locations (6 total)

Royal Brisbane & Womens Hospital - Herston, QLD, Australia
Caboolture Hospital - Caboolture, QLD, Australia
Redcliffe Hospital - Redcliffe, QLD, Australia
... and 3 more locations

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12623000495628>

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