

# Does exogenous glucose-dependent insulinotropic polypeptide (GIP) effect gastric emptying and glycaemic response to small intestinal nutrient in critically ill patients?

ACTRN12612000488808

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Status	RECRUITING
Phase	Phase 2
Sponsor	Adam Deane
Enrollment	25 participants

## Plain Language Summary

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This study is looking at whether a gut hormone called GIP (glucose-dependent insulinotropic polypeptide) can lower blood sugar levels and affect how quickly the stomach empties in critically ill patients who are on a breathing machine. Managing blood sugar is very important in intensive care, and researchers are exploring whether GIP infusions might be a useful tool for this.

You may be eligible if:

- You are between 18 and 80 years old
- You are on a mechanical ventilator in an intensive care unit
- You are receiving or suitable to receive nutrition through a tube that goes past the stomach
- You are expected to remain on the ventilator for at least 48 hours

You may NOT be eligible if:

- You have a history of diabetes
- You are pregnant
- Your hemoglobin level is below 80 g/L
- There is a medical reason you cannot receive tube feeding
- You have had previous surgery on your small intestine
- You have had any gastrointestinal surgery during this hospital stay

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

## Key Eligibility Criteria

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### Inclusion (3)

- Mechanically ventilated critically ill patients.
- Suitable for, or receiving post-pyloric nutrition.
- Likely to stay ventilated for at least 48 hours.

### Exclusion (6)

- History of diabetes
- Pregnancy
- Haemoglobin <80g/L
- Contraindication to enteral feeding
- Previous surgery to small intestine
- ... and 1 more (see full listing online)

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12612000488808>

## Locations (1 total)

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