

Administration of pantoprazole and its effects on gastric PH,inflammatory & anti inflammatory factors in critically ill patients.

ACTRN12611000647932

Status RECRUITING
Sponsor Tehran university of medical sciences
Enrollment 24 participants

Plain Language Summary

This study tests whether a heartburn and ulcer medication called pantoprazole (a proton pump inhibitor, or PPI) can also reduce inflammation in the stomach of critically ill patients — not just raise the stomach's acid level. Critically ill patients are at risk of stomach ulcers from stress, and researchers want to find out if PPIs provide an anti-inflammatory benefit as well as acid reduction.

You may be eligible if:

- You are 18 to 70 years of age
- You are critically ill and need a nasogastric tube
- You are expected to have nothing by mouth for at least 48 hours
- Your stomach acid level is below pH 3.5 at the start
- You have a risk factor for stress ulcer, such as a clotting disorder, being on a ventilator, shock, respiratory failure, or serious trauma

You may NOT be eligible if:

- You have a history of peptic ulcer disease
- You have a condition called Zollinger-Ellison syndrome
- You are already taking H2 blockers or anti-inflammatory drugs (NSAIDs)
- You are receiving tube feedings
- You have significant kidney or liver impairment

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

Key Eligibility Criteria

Inclusion (8)

- Age>18
- Clinical need for a nasogastric tube
- Expectation of 48 hrs of “nothing by mouth” status
- Baseline gastric pH <3.5
- High risk patients for stress ulcer(one of these risk ... and 3 more (see full listing online)

Exclusion (7)

- History of peptic ulcer disease
- Patients with zollinger Ellison
- Recipients of H2 blockers & NSAIDS
- Tube feeding
- Creatinine>2 or Creatinine > %25 increase in base line

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12611000647932>

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Locations (1 total)

Iran, Islamic Republic Of