

# Feasibility and safety of conservative versus liberal oxygen targets in the mechanically ventilated patients.

ACTRN12613000505707

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Status	RECRUITING
Phase	Phase 2
Sponsor	John Hunter
Enrollment	100 participants

## Plain Language Summary

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This study is comparing two approaches to managing oxygen levels in critically ill patients on a breathing machine (ventilator) in the ICU. One approach targets higher oxygen levels in the blood, while the other targets lower but still safe levels. Some research suggests that giving too much oxygen can actually be harmful. This pilot study will test whether the two approaches are safe and practical to study in a larger trial.

You may be eligible if:

- You are 18 years or older
- You are on an invasive breathing machine (mechanical ventilator) within the first 24 hours of being placed on it
- Your doctors expect you to remain on the ventilator for at least another day

You may NOT be eligible if:

- Your doctors believe you are likely to die within 48–72 hours
- You are pregnant
- Your treating doctor has decided you should not be enrolled

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

## Key Eligibility Criteria

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### Inclusion (3)

- Within the first 24 hours of initiation of invasive MV
- Age at least 18 years
- In the opinion of treating clinician, patient is likely to remain on MV until the day after next.

### Exclusion (3)

- Patient at an imminent risk of death within the next 48-72 hours in the opinion of the treating medical team.
- The treating clinician disagrees that a patient should be enrolled in the trial.
- Pregnancy

## Locations (4 total)

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John Hunter Hospital Royal Newcastle Centre - New Lambton, NSW,VIC, Australia  
Austin Health - Austin Hospital - Heidelberg, NSW,VIC, Australia  
Wellington, New Zealand  
... and 1 more locations

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12613000505707>

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