

Effect of supplemental oxygen in patients with chronic hypercapnic respiratory failure

ACTRN12608000172303

Status RECRUITING
Sponsor Royal Prince Alfred Hospital
Enrollment 28 participants

Plain Language Summary

This study is examining how breathing different concentrations of oxygen affects breathing patterns and carbon dioxide levels in people who have chronic (long-term) respiratory failure due to obesity-related breathing problems (obesity hypoventilation syndrome) or neuromuscular diseases. It also looks at whether treatment with nighttime breathing support (positive airway pressure therapy) can reduce harmful effects from oxygen.

You may be eligible if:

- You are between 18 and 90 years old
- You have been diagnosed with chronic respiratory failure caused by obesity hypoventilation syndrome or a neuromuscular disease

You may NOT be eligible if:

- You are experiencing acute (sudden, severe) respiratory failure or a recent respiratory illness
- You have obstructive lung disease (such as COPD)
- You are pregnant
- You have an unstable heart condition
- You have a psychiatric illness
- You do not speak English

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

Key Eligibility Criteria

Inclusion (1)

- Chronic hypercapnic respiratory failure due to obesity hypoventilation syndrome or neuromuscular disease

Exclusion (6)

- Acute respiratory failure or recent respiratory illness,
- Obstructive pulmonary disease,
- Pregnancy,
- Unstable cardiac condition,
- Psychiatric illness,

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

Locations (1 total)

Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12608000172303>

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