

Impact of Non-technical Skills Training on Performance and Effectiveness of a Medical Emergency Team

ACTRN12612000280808

Status RECRUITING
Sponsor Dr Richard Chalwin
Enrollment 80 participants

Plain Language Summary

This study is looking at whether training hospital Medical Emergency Team (MET) staff in non-technical skills — such as leadership, communication, and teamwork — improves patient outcomes. Non-technical skills training (similar to what pilots learn) has been shown to reduce preventable errors in aviation and may do the same in hospitals. Team performance will be assessed before and after the training, and patient outcomes will be tracked to see if better teamwork leads to better care.

You may be eligible if:

- You are a patient at Lyell McEwin Hospital who receives a Medical Emergency Team review
- You are aged 16 or older

You may NOT be eligible if:

- You are a patient in the ICU, Emergency Department, or Operating Theatre
- The MET response was cancelled before or upon arrival
- You are under 16 years of age

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

Key Eligibility Criteria

Inclusion (2)

- Patients or persons subject to LMH MET service review.
- All MET members (currently numbering approximately 80 total eligible clinicians, with ad-hoc involvement per working patterns to provide 5 members per MET activation) will all be eligible for inclusion as the aim of the study is to assess the performance and function of the team (as an entity), rather than any individual. The members are not currently aware of the nature of the trial to facilitate (limited) blinding; they will be aware of observation occurring but not the nature of the data being recorded. Departmental heads and hospital executive have approved conduct of the observation.

Exclusion (4)

- Patients in the ICU, Emergency Department or Operating Theatre suite
- Cancellation of the MET response prior to, or on arrival at, the location of activation
- Patients < 16 years of age
- MET attendances involving members of the investigating team acting in a clinical role will not be observed due to awareness of the study purpose and inevitable confounding

Locations (1 total)

Lyell McEwin Hospital - Elizabeth Vale, SA, Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12612000280808>

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