Effectiveness of Pet-Robotic Intervention in Intensive Care Unit Patients

NCT07163247

Status	RECRUITING
Phase	Not Applicable
Sponsor	National Taiwan University Hospital
Enrollment	24 participants

Plain Language Summary

This study tests whether interactions with a robotic pet can reduce stress and anxiety in ICU patients who have been on a breathing machine (ventilator) for an extended time and are preparing to breathe on their own again. The goal is to ease psychological distress during a difficult recovery process.

You may be eligible if...
- You are 18 or older and awake and aware
- You have been on a ventilator for more than 72 hours
- You previously failed a breathing trial but are now ready to try again

You may NOT be eligible if...
- You have a drug-resistant infection
- You need airborne isolation (e.g., active COVID-19)
- You have a severely weakened immune system (very low white blood cell count)
- You are heavily sedated
- You have a tracheostomy (breathing tube in the neck)
- You have an implanted heart device (pacemaker, defibrillator)
- You are known to be allergic to robotic pet fur

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (3)

- Aged 18 years or older with clear consciousness.
- Mechanical ventilation for more than 72 hours.
- Previously failed the first spontaneous breathing trial and is clinically ready to undergo a second spontaneous breathing trial.

Exclusion (7)

- Multidrug-resistant organism infection.
- Requiring airborne infection isolation precautions (e.g., COVID-19).
- Immunodeficiency (absolute neutrophil count \< 500 cells/mL).
- Richmond Agitation-Sedation Scale (RASS) less than -1.
- Patient with a tracheostomy.

... and 2 more (see full listing online)

Locations (1 total)

National Taiwan University Hospital, Taipei, Taiwan

https://clinicaltrials.gov/study/NCT07163247