

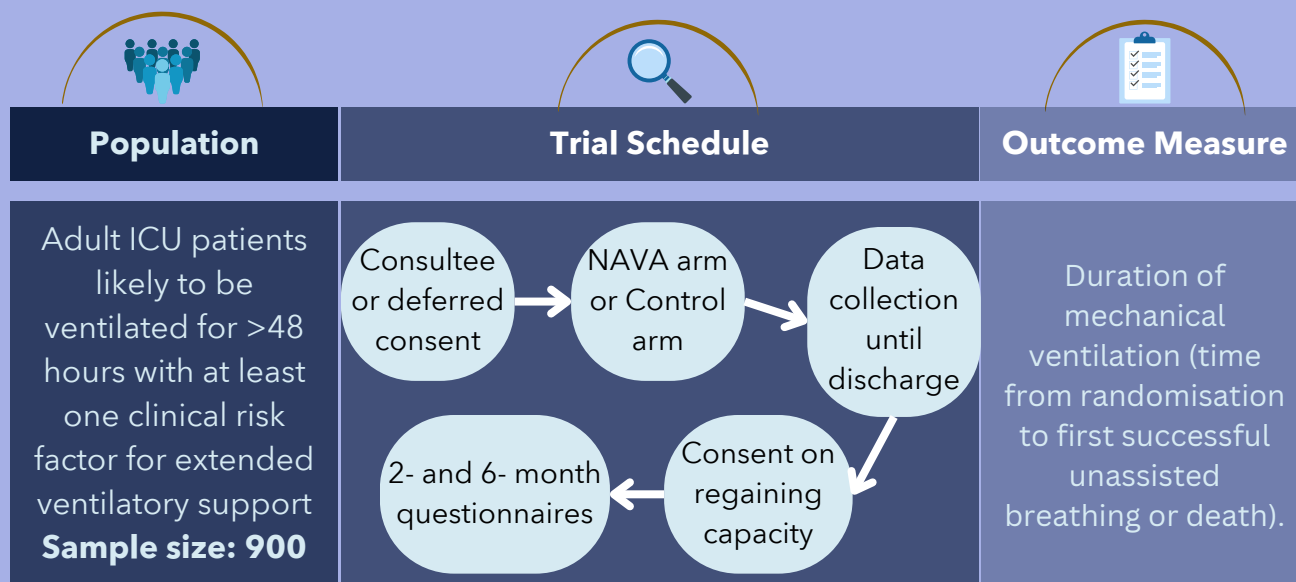
UK NAVA

UK NAVA Trial Overview

Neurally Adjusted Ventilatory Assist (NAVA) compared to conventional ventilation for patients at risk of difficult or prolonged weaning from invasive mechanical ventilation

Chief Investigators: Dr Daniel Hadfield & Dr Phil Hopkins

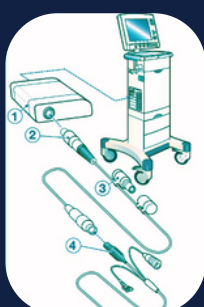
Trial Design



Setting

40 adult ICUs across the UK

Initially sites with Getinge/Maquet ventilators will be prioritised



NAVA Catheter

A specialised nasogastric tube

NAVA Monitoring

Using the electrical output of the diaphragm to monitor breathing activity

NAVA Mode

Synchronous and proportional pressure support



Eligibility Criteria



Inclusion Criteria

- Age 18+
- Expected to be receiving invasive mechanical ventilation for at least 48 hours
- Any clinical risk factor for difficult or prolonged weaning from invasive mechanical ventilation

Exclusion Criteria

- Contraindication to NG/OG catheter insertion
- Severe central neurological disorder/impaired breathing control (eg. brain-stem injury; high spinal cord injury above C5)
- Phrenic nerve injury/neuromuscular paralysis/pacemaker
- Progressive neuromuscular disorder
- Severe end-stage, irreversible respiratory cardiac disease
- Likely death or treatment withdrawal within 48 hours.
- Previous or potential home ventilation

FAQs

- Trial materials provided?
NAVA Catheters (single use) and NAVA Modules (by loan) will be supplied for the duration of the trial
- Experience needed?
No NAVA experience is needed - a full multidisciplinary training package will be provided



Timelines

Site setup: Ongoing

Recruitment start: March 2025

Target recruitment: 900

Adult ICUs: ~40 across the UK

Do you have a Geringe ventilator? We'd love to hear from you!

Interested in taking part? Contact Us!



nava@warwick.ac.uk



warwick.ac.uk/nava



UK NAVA is part of the Confederation of Respiratory Critical Care Trials (CoReCCT) which brings together 4 clinical trials along the NHS pathway for patients with acute respiratory failure.

Sites can take part in up to all 4 trials and patients may take part in up to 3 trials

Find out more



warwick.ac.uk/confederation