

Home Versus Hospital Based NIV Care in MND

NCT06844370

Status	RECRUITING
Phase	Not Applicable
Sponsor	Papworth Hospital NHS Foundation Trust
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (2)

- Adults with a diagnosis of Motor Neurone Disease confirmed by a neurologist specialising in MND.
- Indications to NIV: daytime pCO₂ >6.0 kPa or/and symptoms of ventilatory failure (e.g. orthopnoea, paroxysmal nocturnal dyspnoea, morning drowsiness) in the presence of significant diaphragmatic weakness confirmed by respiratory muscle tests

Exclusion (5)

- Cognitive impairment precluding understanding of the study protocol and valid consent
- Severe co-morbidities (e.g. decompensated heart failure, severe chronic obstructive pulmonary disease (COPD), morbid obesity) causing or contributing to respiratory failure
- Immediate need to start NIV (<24hrs) and/or acute illness requiring inpatient treatment e.g. intravenous antibiotics for pneumonia (in addition to the need for NIV)
- Lack of a sufficient social/professional network to support NIV application at home
- Not wishing to accept home NIV

Locations (1 total)

Royal Paworth Hospital, Cambridge, United Kingdom