

Non-Invasive Ventilation Versus Neurally-Adjusted Ventilatory Assistance (NAVA) for the Treatment of Bronchiolitis

NCT06053684

Status	RECRUITING
Phase	Not Applicable
Sponsor	Montefiore Medical Center
Enrollment	130 participants

Key Eligibility Criteria

Inclusion (2)

- Patients under the age of two years old with a diagnosis of bronchiolitis presenting to the pediatric ICU
- Patient's provider believes there is equipoise between the use of NAVA or conventional non-invasive ventilation for the patient

Exclusion (5)

- Patients unable to utilize a nasogastric tube
- Patients with a diagnosis of chronic lung disease, cyanotic heart lesions, or congestive heart failure
- Patients with hypotonia
- Patients likely to require imminent intubation: $\text{FiO}_2 > 0.60$; Carbon Dioxide (CO_2) > 60 , frequent apneas, clinician determines patient unlikely to tolerate non-invasive modality)
- Patients with hemodynamic instability, defined as the need for vasoactive medication

Locations (1 total)

Children's Hospital at Montefiore, The Bronx, New York, United States