myAirvo 3 (High Flow Nasal Therapy; HFNT) for COPD patients in the home - a multi-center randomized controlled trial

Status: Recruiting

Eligibility Criteria

Sex: Male or Female
Age Group: 18 years and over
This study is NOT accepting healthy volunteers

Inclusion Criteria:

- at least 30 years old - history of a severe COPD requiring hospitalization in the previous six weeks - specific requirements for FEV1 and FVC (study staff will review) - current smokers must refrain from smoking when using supplemental oxygen or the myAirvo-3 device - women of reproductive are are required to use highly effective contraception for at least 1 month prior to starting the study and agree to use such a method during study participation - able to read and communicate in English

Exclusion Criteria:

- current use of positive airway pressure (PAP) therapy; continuous positive airway pressure (CPAP), or non-invasive positive pressure ventilation (NPPV) - women who are pregnant or breast feeding - recent upper airway surgery (within the previous month) - recent head or neck trauma (within the previous month) - require oxygen greater than at 15 L/min - inability to tolerate nasal prongs

Conditions & Interventions

Interventions:
Device: Pulse oximeter, Device: myAirvo3
Conditions:
Respiratory System
Keywords:
COPD

More Information

Description: The purpose of this research is to learn if home use of high flow nasal therapy (HFNT) increases the time to rehospitalization for people with chronic obstructive pulmonary disease (COPD). Participants will be randomly (by chance; like the flip of a coin) assigned to one of two groups. One group will receive usual medical care for COPD. The other group will receive usual medical care for COPD and use a high-flow nasal therapy device for a minimum of 8 hours daily. Participants will complete daily COPD symptom reports. This research will last for at least 12 months and up to 24 months.
Study Contact: Catherine Larson - sund0033@umn.edu
Principal Investigator: Nathaniel Gaeckle
Phase: NA
IRB Number: SITE00001599

Thank you for choosing StudyFinder. Please visit http://studyfinder.umn.edu to find a Study which is right for you and contact sfinder@umn.edu if you have questions or need assistance.