

Pre-operative Inspiratory Muscle Strength Training in Total Joint Surgery

NCT05381818

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Florida
Enrollment	36 participants

Key Eligibility Criteria

Inclusion (7)

- or older
- History of current or previous tobacco use (including vaping containing nicotine products)
- One or more risk factors for post operative pulmonary complications including history of current or previous tobacco use, a clinically diagnosed lung disease, shortness of breath with minimal exertion, FEV1 or FVC less than 80% than predicted or respiratory muscles strength below lower limit of normal for age and sex.
- History of smoking related lung disease
- Projected surgical time \geq 30 minutes
- ... and 2 more (see full listing online)

Exclusion (8)

- American Society of Anesthesiologists physical status classification of 4 or greater .
- Recent history of acute pneumonia or lower respiratory infection in the previous two weeks requiring acute corticosteroid or antibiotic medication,
- Preoperative dependence on continuous supplemental oxygen dependence.
- Preoperative dependence on positive pressure breathing support while awake and upright (night time CPAP permitted),
- Diagnosis of a neurologic condition (i.e. MS, ALS, Parkinson's, stroke),
- ... and 3 more (see full listing online)

Locations (1 total)

University of Florida, Jacksonville, Florida, United States