



### LUNG EXPANSION AND BRONCHIAL HYGIENE

#### Product Decision Tree

#### CLINICAL INDICATIONS

- Chronic Obstructive Pulmonary Disease (COPD)
- Hypersecretory asthma
- Mucociliary clearance disorders
- Post operative thoracic/ abdominal surgery
- Pneumonia
- Cystic Fibrosis
- Bronchiectasis
- Atelectasis
- Neuromuscular disease

#### SIGNS AND SYMPTOMS

- Mucus production
- Impaired pulmonary gas exchange
- Atelectasis/Loss of Functional Residual Capacity (FRC)
- Pulmonary infiltrates
- Adventitious breath sounds

#### ASSESSMENT OF OUTCOME

- Prevention of secretion retention
- Reversal of secretion retention
- Prevention of atelectasis
- Reversal of atelectasis
- Subjective response to therapy
- Improvement in signs and symptoms

### PATIENT MEETS INDICATIONS FOR LUNG EXPANSION AND/OR BRONCHIAL HYGIENE THERAPY

Is the therapy a preventative or therapeutic strategy?

#### PREVENTATIVE

#### THERAPEUTIC

Does patient have normal inspiratory capacity per incentive spirometry nomogram and able to breath hold following inspiration?

Does patient have chronic secretion retention and non-productive cough?

YES

NO

YES

NO

Coach 2®/CliniFlo®  
Incentive Spirometry

EzPAP® or TheraPep®  
Positive Expiratory Pressure  
Therapy System

acapella®  
Vibratory PEP  
Therapy System

EzPAP® Positive  
Airway Pressure  
Therapy System



Combine with aerosolized bronchodilator if clinically indicated

Assess outcome daily

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