**Standard treatment procedure**

**Adapting to the patient**

For a session using the device for the first time, it is advisable to begin with lower pressures with several insufflation-expiration cycles. As the patient is used to the feel of mechanical insufflation-expiration, with the feel of mechanical negative pressure, and the rate of breathing, it is best to begin the treatment with the least mechanical influence. A treatment is composed of 4 to 6 breaths, 1 cough cycle is composed of an inspiratory, expiratory and pause phase. 4 to 6 cough cycles compose a sequence. Each sequence of 4 to 6 breaths

*General therapy description*

An inspiratory, expiratory and pause phase.

To help the patient understand and become comfortable with the therapy, pre-treatment preparation should be performed. The patient should be taught to help synchronize the therapy.

**General therapy description**

A treatment is composed of 4 to 6 breaths, 1 cough cycle is composed of an inspiratory, expiratory and pause phase. 4 to 6 cough cycles compose a sequence. Each sequence of 4 to 6 breaths.

**Modifying therapy settings**

To choose a well-fitted mask, one needs to consider the following aspects:

- **Length**: Length is the distance from the nose area to the landmark. The distance should remain.
- **Width**: Width is the distance from the bridge of the nose zone to the landmark. The distance should remain.
- **Height**: Height is the distance from below the lower lip to the landmark. The distance should remain.

**Device menu**

**CoughAssist T70**

To access device menus, press the up button, then press the right button. The menu selection and their corresponding parameters are displayed in the table below:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Feature Adults</th>
<th>Pediatrics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhale time (in s)</strong></td>
<td>2 to 3</td>
<td>1 to 2</td>
</tr>
<tr>
<td><strong>Exhale time (in s)</strong></td>
<td>2 to 3</td>
<td>2 or less</td>
</tr>
<tr>
<td><strong>Pause time (in s)</strong></td>
<td>As small as possible</td>
<td>As small as possible</td>
</tr>
</tbody>
</table>

**Data management**

**Data such as SpO2, heart rate, pattern of usage**

Up to 3 different Presets can be saved to provide patient before setting up automatic settings.

**SpO2**

Different therapies (i.e. prophylactic use, mucus plugs, lung volume recruitment, etc.)

**Mask fitting**

Adapting to the patient

**Suggested guidelines for therapy**

The settings should always be checked before beginning therapy. Guidelines are intended to serve only as reference. They do not supersede established medical practices or instructions from physician. Guidelines are intended to serve only as reference. They do not supersede established medical practices or instructions from physician.

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Device overview

1. How to set up
2. Starting therapy
3. How to lock/unlock
4. Modifying therapy settings
5. Monitoring therapy and icons

Starting therapy

1. Navigate menus or select specific phases
2. To activate inhale (right) and exhale (left) phases
3. Manual switch
4. Display screen

How to lock/unlock

Limited access (left) permits the user to select between preset therapy settings, until full access (right) allows the user to change all settings.

Modifying therapy settings

To modify settings:
1. The settings available are displayed in the table below:
2. Only available in Auto mode
3. The scroll buttons allow the user to select and change the parameter highlighted in green.
4. Press OK to save and return to the therapy settings.

Monitoring therapy and icons

Detailed View 'ON'

Detailed View 'OFF'

CoughAssist T70

CoughAssist E70