TRACOE®
larynx

TRACOE larynx is a modular system that is specifically geared to meet the needs of laryngectomized and tracheostomised patients in the hospital, during rehabilitation and homecare. It consists of five main products.

Extended Product Family

TRACOE voice prostheses (shunt valves) TRACOE VoiceMaster and TRACOE VoiceMaster Primo allow laryngectomized patients to speak.

The TRACOE phon assist II speaking valve makes it possible for laryngectomized patients with TRACOE VoiceMaster voice prostheses and tracheostomised patients to speak hands-free. TRACOE phon assist I is used by tracheostomised patients. Both versions are individually adjustable, comfortable to wear, easy to use and simple to clean.

TRACOE humid assist I and II are heat/moisture exchangers (HMEs) that act like an artificial nose by warming, moistening and filtering inhaled air.

TRACOE stoma buttons are made of soft, flexible silicone. Developed for patients who only require a device to keep the tracheostoma open continuously and do not need a proper tracheostomy tube, and for attaching speaking valves and/or HMEs.

The TRACOE adhesive carrier for laryngectomized or tracheostomised patients to attach heat/moisture exchangers (HMEs) humid assist II or the speaking valves phon assist I and phon assist II.

57
TRACOE VoiceMaster Voice Prosthesis
REF 670
Set in sterile package

- 1 TRACOE VoiceMaster voice prosthesis
- 1 inserter
- 5 cleaning swabs
- 1 sachet of lubricant gel
For voice rehabilitation subsequent to total laryngectomy. Using a special inserter, the prosthesis is front-loaded into the healed tracheo-oesophageal fistula. Patients can have it inserted, removed, cleaned, checked or exchanged while awake on an outpatient basis.

TRACOE VoiceMaster Primo Voice Prosthesis
REF 671
1 unit supplied in sterile package
with centering pin on ball valve

- 1 TRACOE VoiceMaster Primo Voice Prosthesis
For surgical voice rehabilitation subsequent to total laryngectomy. After primary or secondary tracheo-oesophageal puncture, the prosthesis is inserted retrograde into the fistula with the aid of a guide wire (REF 683).

REF 671-A
1 unit supplied in sterile package
without centering pin on ball valve

- 1 TRACOE VoiceMaster Primo Voice Prosthesis
REF 670, REF 671 and REF 671-A: Reference Numbers and Measurements (REF 670 only available up to size 10)

<table>
<thead>
<tr>
<th>Size</th>
<th>L (mm)</th>
<th>ID (mm)</th>
<th>OD (mm)</th>
<th>OD (FR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>06</td>
<td>6</td>
<td>5</td>
<td>8</td>
<td>24</td>
</tr>
<tr>
<td>08</td>
<td>8</td>
<td>5</td>
<td>8</td>
<td>24</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>5</td>
<td>8</td>
<td>24</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
<td>5</td>
<td>8</td>
<td>24</td>
</tr>
</tbody>
</table>

L: Length; ID: inside diameter; OD: outside diameter

To order, specify: REF + size (e.g. REF 670-06).

**TRACOE VoiceMaster Inserter**

**REF 675** 1 unit

For inserting and removing TRACOE VoiceMaster voice prostheses (REF 670).

It has a colour-coded window for monitoring how far the voice prosthesis has been inserted.

Available in sizes: 06, 08 and 10

**TRACOE VoiceMaster Fistula Dilator**

**REF 679** 1 unit

For enlarging the tracheo-oesophageal fistula or temporarily closing it to prevent fluids from passing from the oesophagus into the trachea. Made of soft, medical-grade silicone.

Diameter: 16-22 French/CH (5.3-7.3mm)

**TRACOE VoiceMaster Fistula Length Gauge**

**REF 680** 1 unit

For measuring the length of the tracheo-oesophageal fistula to select an appropriately sized voice prosthesis.

Benefits of TRACOE Voice Prostheses:

- The ball valve is especially designed to be self-centering to ensure optimum sealing and air tightness.
- The valve opens in response to only slight pressure. Therefore only little force is needed to speak.
- The ball valve's favourable aerodynamics allow easy modulation of the speaking volume.
- The ball valve and counterbearing are made of Candida-resistant materials. This ensures the valve will continue sealing properly for a long time.
(without picture)
Spare Flanges for TRACOE VoiceMaster Fistula Length Gauge
REF 680-A 5 units
For single use.

**TRACOE VoiceMaster Guide Wire**
REF 683 1 unit
For retrograde insertion of the TRACOE VoiceMaster Primo (REF 671 and REF 671-A) following primary or secondary tracheo-oesophageal puncture. Made of stainless steel, autoclavable.

**TRACOE VoiceMaster Trocar with Cannula**
REF 681 1 unit
For creating a fistula by primary or secondary tracheo-oesophageal puncture. Made of stainless steel, autoclavable.

**TRACOE VoiceMaster Pharynx Guard**
REF 682 1 unit
To prevent perforation of the posterior oesophageal wall during primary tracheo-oesophageal puncture using the trocar with cannula (REF 681). The handle rotates for left- or right-handed use. Made of stainless steel, autoclavable.

(without picture)
Spare O-Rings for TRACOE VoiceMaster Pharynx Guard
REF 682-A 5 units
Angled Forceps
**REF 678** 1 unit
For cleaning TRACOE VoiceMaster (REF 670) and TRACOE VoiceMaster Primo (REF 671 and REF 671-A) voice prostheses around the tracheal flange. Made of stainless steel, autoclavable.

**TRACOE Cleaning Pipette**
**REF 676** 1 unit
For cleaning and rinsing TRACOE VoiceMaster Primo (REF 671 and REF 671-A) voice prostheses.

**Lubricant Gel**
**REF 677** 30 sachets
For lubricating TRACOE VoiceMaster (REF 670) voice prostheses to facilitate insertion into the tracheo-oesophageal fistula.

**TRACOE VoiceMaster Plug**
**REF 684** 1 unit with
3 TRACOE tube clean cleaning swabs (REF 935)
For temporarily closing TRACOE VoiceMaster (REF 670) and TRACOE VoiceMaster Primo (REF 671 and REF 671-A) voice prostheses. Insert the stick of a TRACOE cleaning swab into the depression on the back of the plug to guide it into the voice prosthesis. The plug is made of medical-grade silicone.

**TRACOE tube clean Cleaning Swabs**
**REF 935** Pack of 50
Flexible plastic swabs with polyurethane sponge tip for cleaning TRACOE VoiceMaster (REF 670) voice prostheses. For single use.

More TRACOE care products as from page 66 onwards.
Possibilities for Combining:
Artificial noses and speaking valves can be attached to different support systems, depending on requirements and indications. This modular system permits flexible solutions to suit individual patients.

**TRACOE grid button**
*(REF 601, REF 602, REF 603)*
in combination with:
- phon assist I *(REF 650-S)*
- phon assist I with Oxygen Supply Port *(REF 650-SO)*
- humid assist I *(REF 640-S)*
- phon assist II *(REF 655-S)*
- phon assist II *(REF 655-S)* + humid assist II *(REF 645)*

**TRACOE stoma button**
*(REF 611, REF 612, REF 613)*
in combination with:
- phon assist I *(REF 650-S)*
- phon assist I with Oxygen Supply Port *(REF 650-SO)*
- humid assist I *(REF 640-S)*
- phon assist II *(REF 655-S)*
- phon assist II *(REF 655-S)* + humid assist II *(REF 645)*

**TRACOE Adhesive Carrier**
*(REF 660)*
in combination with:
- phon assist I *(REF 650-S)*
- phon assist I with Oxygen Supply Port *(REF 650-SO)*
- humid assist I *(REF 640-S)*
- phon assist II *(REF 655-S)*
- phon assist II *(REF 655-S)* + humid assist II *(REF 645)*
**TRACOE grid button**

**REF 601/REF 602/REF 603**

1 unit supplied in sterile package

stoma button with eyes for attaching a neck strap and with a removable grid to prevent inhalation of foreign objects.

Sizes: 06, 07, 08, 09, 10, 11, 12

---

**TRACOE stoma button**

**REF 611/REF 612/REF 613**

1 unit supplied in sterile package

Sizes: 06, 07, 08, 09, 10, 11, 12

---

### REF 601 - REF 603 and REF 611 - REF 613:

**Reference Numbers and Measurements**

<table>
<thead>
<tr>
<th>Size</th>
<th>ID (mm)</th>
<th>OD (mm)</th>
<th>Length (mm)</th>
<th>Length (mm)</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>06</td>
<td>6</td>
<td>9</td>
<td>16</td>
<td>22</td>
<td>30</td>
</tr>
<tr>
<td>07</td>
<td>7</td>
<td>10</td>
<td>16</td>
<td>22</td>
<td>30</td>
</tr>
<tr>
<td>08</td>
<td>8</td>
<td>11</td>
<td>16</td>
<td>22</td>
<td>30</td>
</tr>
<tr>
<td>09</td>
<td>9</td>
<td>12</td>
<td>16</td>
<td>22</td>
<td>30</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>13</td>
<td>16</td>
<td>22</td>
<td>30</td>
</tr>
<tr>
<td>11</td>
<td>11</td>
<td>14</td>
<td>16</td>
<td>22</td>
<td>30</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
<td>15</td>
<td>16</td>
<td>22</td>
<td>30</td>
</tr>
</tbody>
</table>

ID: inside diameter; OD: outside diameter; L: Length

To order, specify: REF + Size (e.g., REF 601-06)

---

TRACOE larynx 63
TRACOE grid button
*REF 601/REF 602/REF 603*

1 unit supplied in sterile package

stoma button with eyes for attaching a neck strap
and with a removable grid to prevent inhalation of
foreign objects.

Sizes: 06, 07, 08, 09, 10, 11, 12

---

TRACOE stoma button
*REF 611/REF 612/REF 613*

1 unit supplied in sterile package

Sizes: 06, 07, 08, 09, 10, 11, 12

---

**REF 601 - REF 603 and REF 611 - REF 613:**
Reference Numbers and Measurements

<table>
<thead>
<tr>
<th>Size</th>
<th>short</th>
<th>standard</th>
<th>long</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REF 601</td>
<td>REF 602</td>
<td>REF 603</td>
</tr>
<tr>
<td></td>
<td>REF 611</td>
<td>REF 612</td>
<td>REF 613</td>
</tr>
<tr>
<td>06</td>
<td>6</td>
<td>9</td>
<td>16</td>
</tr>
<tr>
<td>07</td>
<td>7</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>08</td>
<td>8</td>
<td>11</td>
<td>16</td>
</tr>
<tr>
<td>09</td>
<td>9</td>
<td>12</td>
<td>16</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>13</td>
<td>16</td>
</tr>
<tr>
<td>11</td>
<td>11</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
<td>15</td>
<td>16</td>
</tr>
</tbody>
</table>

ID: inside diameter; OD: outside diameter; L: Length

To order, specify: REF + Size (e.g. REF 601-06)
Replacement Grids
**REF 620**
3 units individually supplied in sterile packages
For TRACOE buttons. To prevent objects from being inhaled.

**Stopper**
**REF 621**
5 units supplied in sterile package
For TRACOE buttons. To temporarily seal the button in patients with unobstructed upper airways and unrestricted breathing.
Caution: Not for use by laryngectomized patients!

**TRACOE humid assist 1**
**REF 640-S**
50 units individually packaged in cleanroom
Heat/moisture exchanger (HME, artificial nose) with flat base for insertion in TRACOE buttons and TRACOE adhesive carrier (REF 660). Fits all sizes.

**TRACOE phon assist 1**
**REF 650-S**
1 unit supplied in sterile package
Speaking valve, infinitely adjustable, for insertion in TRACOE buttons and TRACOE adhesive carrier (REF 660).
Caution: After laryngectomy only to be used in conjunction with a voice prosthesis!

**TRACOE phon assist 1 with Oxygen Supply Port**
**REF 650-SO**
1 unit supplied in sterile package
Speaking valve, infinitely adjustable, for insertion in TRACOE buttons and TRACOE adhesive carrier (REF 660).
Caution: After laryngectomy only to be used in conjunction with a voice prosthesis!
TRACOE humid assist II
REF 645  50 units individually packaged in cleanroom
Heat/moisture exchanger (HME, artificial nose) for attaching to the hands-free speaking valve TRACOE phon assist II (REF 655-S).

TRACOE phon assist II
REF 655-S  1 unit supplied in sterile package
plus 5 units TRACOE humid assist II (REF 645), individually packaged in cleanroom
Hands-free speaking valve, infinitely adjustable, for attachment to TRACOE adhesive carrier (REF 660) or grid and stoma buttons (REF 601-REF 603 and REF 611-REF 613). Fits all sizes.
Caution: After laryngectomy only to be used in conjunction with a voice prosthesis!

TRACOE Adhesive Carrier
REF 660  20 units individually packaged
For affixing onto the tracheostoma. With support ring for TRACOE speaking valves phon assist I (REF 650-S and REF 650-SQ) and phon assist II (REF 655-S) with or without a heat/moisture exchanger TRACOE humid assist II (REF 645).