High Acceptance

TRACOE twist tubes are made of tissue-friendly medical-grade polyurethane, so that they are well-tolerated by patients. They are radiopaque and come in sterile packages.

Maximum Mobility

TRACOE twist tubes have thin walls, which ensure maximum air flow. One additional feature of TRACOE twist is the anatomically shaped neck flange that moves around two axes: vertically (a) and horizontally (b). This allows patients to turn their head and neck freely without the tube exerting pressure on the trachea. The neck strap can easily be attached while the tube is in situ (c). The material of the low pressure cuff is soft and flexible and ensures a good sealing of the trachea with accurate cuff pressure management.

Maximum Cost-Effectiveness

TRACOE twist tubes were originally developed primarily for clinical use: e.g. for mechanical ventilation in intensive care or for ENT surgery. However, TRACOE twist tubes are now very often used during rehabilitation and by patients at home as well. The investment is enhanced by a broad range of replacement parts and accessories.
TRACOE twist – Tracheostomy Tubes

**Tracheostomy Tube**

**REF 301**
- In sterile package
- Outer cannula with cuff
- 2 inner cannulas with 15mm connector
- Perforated obturator and wide neck strap (shown below)

**Neck flange, blue writing:** fenestrated outer cannula

**Neck flange, green writing:** unfenestrated outer cannula

**Each TRACOE twist tube is supplied with a perforated obturator and a wide adjustable neck strap as well as a tube info card with peel-off stickers on front and back. The neck strap is also available separately (REF 903-F).**

**Tracheostomy Tube, Fenestrated, with Low Pressure Cuff**

**REF 302**
- In sterile package
- Outer cannula, fenestrated, with cuff
- Inner cannula, fenestrated, with 15mm connector
- Inner cannula with 15mm connector
- Occlusion cap for 15mm connector
- Perforated obturator and wide neck strap (shown below)

**TRACOE twist Colour Coding:**
- REF 301
- REF 302
- REF 303
- REF 304
- REF 305
- REF 306
- REF 888-306
- REF 309

The colour coding is conspicuously printed on each box. This helps you organise your inventory and quickly and reliably locate the right tube.

**REF 301-P and REF 302-P:**
TRACOE twist tracheostomy tubes with atraumatic inserter.
For details see page 4 to 7.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
**Tracheostomy Tube**

**REF 303**
- Outer cannula
- 2 inner cannulas with 15mm connector
- Perforated obturator and wide neck strap (shown on page 22)

**Tracheostomy Tube, Fenestrated**

**REF 304**
- Outer cannula, fenestrated
- Inner cannula, fenestrated, with 15mm connector
- Inner cannula with 15mm connector
- Occlusion cap for 15mm connector
- Perforated obturator and wide neck strap (shown on page 22)

---

**Reference Numbers and Measurements:**

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<th>Size</th>
<th><strong>ID-IC (mm)</strong></th>
<th><strong>OD-OC bc (mm)</strong></th>
<th><strong>OD-OC bf (mm)</strong></th>
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- **ID-IC:** inside diameter (clear width) at bottom of inner cannula;
- **OD-OC bc:** outside diameter at bottom of outer cannula;
- **OD-OC bf:** outside diameter of outer cannula behind the flange;
- **Length TL:** along centre line from start of neck flange to bottom of tube;
- **Length OB:** length along outer bend from start of neck flange to bottom of tube;
- **BA:** bending angle;
- **CD:** cuff diameter

To order, specify: **REF + size** (e.g. **REF 306-04**).

Call (513) 272-1600 or Fax (513) 272-1610 to place order [http://bryanmedical.net](http://bryanmedical.net)
Laryngectomy Tube

**REF 305**  
*In sterile package*

- Outer cannula
- Inner cannula with 15 mm connector
- Inner cannula with grooved low profile connector
- Perforated obturator and wide neck strap (shown on page 22)

Reference Numbers and Measurements: REF 305

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1. ID-IC: inside diameter (clear width) at bottom of inner cannula;  
2. OD-OC bc: outside diameter at bottom of outer cannula;  
3. OD-OC bf: outside diameter of outer cannula behind the flange;  
4. Length TL: along centre line from start of neck flange to bottom of tube;  
5. Length OB: length along outer bend from start of neck flange to bottom of tube;  
6. BA: bending angle

*Please refer to the figure on page 23.*

To order, specify: REF + size (e.g. REF 305-05).

Tracheostomy Tube, with Low Pressure Cuff and Subglottic Suction Line

**REF 306**  
*In sterile package*

- Outer cannula with cuff and subglottic suction line
- 2 inner cannulas with 15 mm connector
- 2 connectors for suction devices
- Perforated obturator and wide neck strap (shown on page 22)

REF 306-P and REF 888-306-P: TRACOE twist tracheostomy tubes with atraumatic inserter.  
For details see page 4 to 7.

The reference numbers and measurements for REF 306, REF 888-306 and REF 309 can be found on the table on page 23.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
Product Variant:
TRACOE twist Tracheostomy Tube,
Fenestrated, with Low Pressure Cuff and Subglottic Suction Line

**REF 888-306**  
- Outer cannula, fenestrated, with cuff and subglottic suction line
- Inner cannula with 15mm connector
- Inner cannula, fenestrated, with 15mm connector
- Occlusion cap for 15mm connector
- 2 connectors for suction devices
- Perforated obturator and wide neck strap (shown on page 22)

**REF 309**  
- Outer cannula with cuff and air supply line for speaking
- Inner cannula with 15mm connector
- Perforated obturator and wide neck strap (shown on page 22)

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
**Spare Inner Cannulas, with 15 mm Connector**

**REF 501** 3 units supplied in individual sterile packages

**REF 501-X** 10 units supplied in individual sterile packages

The inner cannulas are spare parts for twist tubes REF 301, REF 302, REF 303, REF 304, REF 306, REF 888-306 and REF 309.
Sizes: 04, 05, 06, 07, 08, 09, 10

**Spare Inner Cannulas, Fenestrated, with 15 mm Connector (light blue)**

**REF 506** 3 units supplied in individual sterile packages

**REF 506-X** 10 units supplied in individual sterile packages

The inner cannulas are spare parts for twist tubes REF 302, REF 304 and REF 888-306.
Sizes: 04, 05, 06, 07, 08, 09, 10

**Inner Cannulas, Fenestrated, with Integrated Speaking Valve (light blue)**

**REF 401** 2 units supplied in individual sterile packages

The inner cannulas are accessories for twist tubes REF 302, REF 304 and REF 888-306.
Sizes: 04, 05, 06, 07, 08, 09, 10

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**Accessory for TRACOE twist Tubes:**

- REF 622, 22 mm adapter for cannulas with 15 mm connector (for details see page 60)

**Accessory for TRACOE twist Tubes:**

- Speaking valves and artificial noses (for details see page 60 and 61).

---

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
**Inner Cannulas, Fenestrated, with Grooved Low Profile Connector (light blue)**

**REF 502**
3 units supplied in individual sterile packages

The inner cannulas are accessories for twist tubes REF 302, REF 304 and REF 888-306.
Sizes: 04, 05, 06, 07, 08, 09, 10

**Spare Inner Cannulas, with 15 mm Connector**

**REF 503**
3 units supplied in individual sterile packages

The inner cannulas are spare parts for twist tube REF 305.
Sizes: 05, 06, 07, 08, 09, 10

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*Legend to symbol:  
Speaking valve or fenestrated tube with integrated speaking valve*
TRACOE twist plus – Tracheostomy Tubes

**TRACOE twist plus Tracheostomy Tube with Low Pressure Cuff**

**REF 311**
- Outer cannula with cuff
- 2 inner cannulas with 15mm connector
- Perforated Obturator and wide neck strap (shown on page 30)

**TRACOE twist plus Tracheostomy Tube, Double Fenestrated with Low Pressure Cuff**

**REF 312**
- Outer cannula, double fenestrated, with cuff
- Inner cannula with 15mm connector
- Inner cannula, double fenestrated, with 15mm connector
- Occlusion cap for 15mm connector
- Perforated obturator and wide neck strap (shown on page 30)

**Features of TRACOE twist plus Tracheostomy Tubes:**

- Elongated version of the well-proven TRACOE twist tubes.
- Greatly reduced wall thickness
- Thin-walled but stable inner cannula
- Less outer diameter with existing conformity of size
- Less airway resistance
- Safety locking device for the inner tube
- Highly improved phonation through double-fenestration of REF 312, REF 314 and REF 888-316: multiple fenestration at the outer bend as well as two additional phonation holes at the inner bend.

**TRACOE twist plus Colour Coding:**

- REF 311
- REF 312
- REF 313
- REF 314
- REF 316
- REF 888-316

The colour coding is conspicuously printed on each box. This helps you organise your inventory and quickly and reliably locate the right tube.

**REF 311-P and REF 312-P:**
TRACOE twist plus Tracheostomy tubes with atraumatic insertion system. For details see pages 8 to 11.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
**TRACOE twist plus Tracheostomy Tube**

**REF 313**  
In sterile package
- Outer cannula
- 2 inner cannulas with 15 mm connector
- Perforated Obturator and wide neck strap (shown on page 30)

**TRACOE twist plus Tracheostomy Tube, Double Fenestrated**

**REF 314**  
In sterile package
- Outer cannula, double fenestrated
- Inner cannula with 15 mm connector
- Inner cannula, double fenestrated, with 15 mm connector
- Occlusion cap for 15 mm connector
- Perforated obturator and wide neck strap (shown on page 30)

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**Reference Numbers and Measurements: REF 311, REF 312, REF 313, REF 314, REF 316 and REF 888-316**

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<th>➌ OD-OC bf (mm)</th>
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- ➊ ID-IC: inside diameter (clear width) at bottom of inner cannula;
- ➋ OD-OC bc: outside diameter at bottom of outer cannula;
- ➌ OD-OC bf: outside diameter of outer cannula behind the flange;
- ➍ Length TL: along centre line from start of neck flange to bottom of tube;
- ➎ Length OB: length along outer bend from start of neck flange to bottom of tube;
- ➏ BA: bending angle;
- ➐ CD: cuff diameter

To order, specify: REF + size (e.g. REF 311-08).

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Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
TRACOE twist plus Tracheostomy Tube, with Low Pressure Cuff and Subglottic Suction Line

**REF 316** In sterile package
- Outer cannula with cuff and subglottic suction line
- 2 inner cannulas with 15 mm connector
- 2 connectors for suction devices
- Perforated obturator and wide neck strap (shown below)

**Product Variant:**
TRACOE twist plus Tracheostomy Tube, Double Fenestrated, with Low Pressure Cuff and Subglottic Suction Line

**REF 888-316** In sterile package
- Outer cannula, double fenestrated, with cuff and subglottic suction line
- Inner cannula with 15 mm connector
- Inner cannula, double fenestrated, with 15 mm connector
- Occlusion cap for 15 mm connector
- 2 connectors for suction devices
- Perforated obturator and wide neck strap (shown below)

**Accessory for TRACOE twist plus Tubes:**
- REF 622, 22 mm adapter for cannulas with 15 mm connector (for details see page 60)

**i** Each TRACOE twist plus is supplied with a perforated obturator and a wide adjustable neck strap as well as a tube info card with peel-off stickers on front and back. The neck strap is also available separately (REF 903-F).

**i** TRACOE twist plus tracheostomy tubes are supplied with 2 inner cannulas. One of it is inserted in the outer cannula already.

**i** REF 316-P and REF 888-316-P: TRACOE twist plus Tracheostomy tubes with atraumatic insertion system. For details see pages 8 to 11.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
TRACOE *twist* plus – Spare Parts and Accessories

**Spare Inner Cannulas, with 15 mm Connector**

**REF 521**
3 units supplied in individual sterile packages

**REF 521-X**
10 units supplied in individual sterile packages

The inner cannulas are spare parts for *twist* plus tubes REF 311, 312, 313, 314, 316 and 888-316.
Sizes: 07, 08, 09, 10

**Spare Inner Cannulas, Double Fenestrated, with 15 mm Connector**

**REF 523**
3 units supplied in individual sterile packages

**REF 523-X**
10 units supplied in individual sterile packages

The inner cannulas are spare parts for *twist* plus tubes REF 312, 314 and 888-316.
Sizes: 07, 08, 09, 10

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
Patented

TRACOE vario – the flexible tube with the patented, variably adjustable neck flange. By means of a practical pressure mechanism, the neck flange can be moved and, thus, be adjusted individually to any patient. A scale ensures the exact positioning of the neck flange in preparation to change tubes (a). The flange is fixed immediately after its release. Additionally as an optional precaution, the neck flange can be securely locked by pulling up the orange lever system (b). Since no screw top is used, no pressure of any kind will be exerted on the trachea.

Numerous Adaptabilities

The pliable wings on the flange can be adjusted independently of one another (c). This provides additional possibilities for meeting the unique anatomical requirements of each patient.

TRACOE vario tracheostomy tubes come in many different versions: reinforced with a metal spiral or made of clear plastic (with an X-ray contrast line), with or without low pressure cuff, with subglottic suction line and in an extra-long version.
TRACOE vario – Tracheostomy Tubes

**TRACOE vario Tracheostomy Tube**
Spiral-Reinforced, with Adjustable Neck Flange and Low Pressure Cuff

**REF 450**
- In sterile package
- Cannula with 15 mm connector, spiral-reinforced, with cuff and scale
- Obturator and wide neck strap (shown below)

**REF 455**
- In sterile package
- Cannula with 15 mm connector, spiral-reinforced, with scale
- Obturator and wide neck strap (shown below)

**TRACOE vario Colour Coding:**
- REF 450
- REF 455
- REF 460
- REF 470
- REF 451
- REF 456
- REF 461
- REF 467

The colour coding is conspicuously printed on each box. This helps you organise your inventory and quickly and reliably locate the right tube.

Each TRACOE vario tube is supplied with an obturator and a wide adjustable neck strap as well as a tube info card with peel-off stickers on front and back. The neck strap is also available separately (REF 903-F).

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
TRACOE vario Tracheostomy Tube
with Adjustable Neck Flange and
Low Pressure Cuff

**REF 460**  
*In sterile package*

- Cannula with 15 mm connector, cuff, X-ray contrast line and scale
- Obturator and wide neck strap  
  (shown on page 34)

Reference Numbers and Measurements: REF 450, REF 455 and REF 460

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| ID: inside diameter (clear width) at bottom of cannula; OD: outside diameter at bottom of cannula; TL: length along centre line; OB: length along outer bend; BA: bending angle; CD: cuff diameter (REF 450 and REF 460) |

To order specify REF + size (e.g. REF 450-06).

REF 450-P und REF 460-P: TRACOE vario tracheostomy tubes with atraumatic insertion system. For details refer to page 12 to 17.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
TRACOE vario XL Tracheostomy Tube, Extra-Long, Spiral-Reinforced, with Adjustable Neck Flange and Low Pressure Cuff

**REF 451**
- Cannula with 15 mm connector, spiral-reinforced, with cuff and scale
- Obturator and wide neck strap (shown on page 34)

**REF 461**
- Cannula with 15 mm connector, cuff, X-ray contrast line and scale
- Obturator and wide neck strap (shown on page 34)

**Reference Numbers and Measurements: REF 451, REF 461 and REF 471**

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ID: inside diameter (clear width) at bottom of cannula; OD: outside diameter at bottom of cannula; TL: length along centre line; OB: length along outer bend; BA: bending angle, CD: cuff diameter

To order, specify REF + size (e.g. REF 451-07).

The subglottic secretion suction with the aim to reduce the VAP rate of patients with an expected ventilation period of more than 72 hours was classified as category IA of the recommendations by the German Commission for Hospital Hygiene and Infectious Disease Prevention (guidelines for hospital hygiene and infection prevention issued by the Robert Koch Institute, KRINKO)*. The recommendation specifies that the cuff pressure level should be set between 20 and 30 cm H₂O and checked at regular intervals. The recommendation is part of category IB. When these two actions are taken in combination, they can help to reduce the incidence of pneumonia.

* Prevention of nosocomial ventilator-associated pneumonia (Prävention der nosokomialen beatmungsassoziierten Pneumonie, KRINKO), German Federal Health Gazette (Bundesgesundheitsblatt) 2013 – 56:1578-1590

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
TRACOE vario – Tracheostomy Tubes, with Subglottic Suction Line

TRACOE vario extract Tracheostomy Tube with Adjustable Neck Flange, Low Pressure Cuff and Subglottic Suction Line

REF 470
- Cannula with 15 mm connector, cuff, X-ray contrast line, scale and subglottic suction line
- 2 connectors for suction pump
- Obturator and wide neck strap (shown on page 34)

TRACOE vario XL extract Tracheostomy Tube, Extra-Long, with Adjustable Neck Flange, Low Pressure Cuff and Subglottic Suction Line

REF 471
- Cannula with 15 mm connector, cuff, X-ray contrast line, scale and subglottic suction line
- 2 connectors for suction pump
- Obturator and wide neck strap (shown on page 34)

REF 470 and REF 471, with subglottic suction line.

Advantages and Special Information:
- Accumulated subglottic secretions can be suctioned off at the lowest point, in other words right above the cuff. This reduces the risk of bacterially contaminated secretions entering the lower respiratory tract and the risk of developing aspiration pneumonia.
- The suction line is integrated in the wall of the tube to avoid any pressure marks in the tracheostoma. Via this line, secretions can be suctioned off.
- The variably adjustable neck flange with rotating wings permits universal adjustment to any neck anatomy (e.g. thick necks, postoperative oedema, asymmetrical necks).

Accessory for TRACOE vario Tubes:
- Artificial noses (for details see page 61)
- REF 622, 22 mm adapter for cannulas with 15 mm connector (for details see page 60)

REF 451-P, REF 461-P, REF 470-P and REF 471-P: TRACOE vario tracheostomy tubes with atraumatic insertion system. For details refer to page 12 to 17.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
The Smaller, the Greater

Sometimes the greatest achievements are made on a small scale: A prime example is the TRACOE mini – the product line especially developed for newborns, infants and children. TRACOE mini tracheostomy tubes are particularly soft and equipped with a neck flange with a slanted bottom, providing the tube with an optimised and atraumatic fit. These tubes have very thin walls to meet the special requirements of use in small patients, however, they reliably retain their shape at all times. The smooth, funnel-shaped inner design of the 15 mm connector allows an easy insertion of suction catheters.

Easy and Reliable

The special obturator is extremely practical. The grip on its end makes sure that the tube can be easily and reliably inserted despite its small size. An extension piece, heat/moisture exchanger, neck straps and compresses are also available to match.

Anatomically Optimum Solutions

So the best solution can be found for every small patient. TRACOE mini is available in 12 different sizes: 4 for neonates and 8 for pediatric use.
**TRACOE mini – Tracheostomy Tubes**

**Tracheostomy Tube for Neonates**

**REF 350**  
- Cannula
- Obturator and neck strap  
(shown on page 43)

**Tracheostomy Tube for Children**

**REF 355**  
- Cannula
- Obturator and neck strap  
(shown on page 43)

**Product variants REF 355:**  
Product variants can be made in order to optimise the functionality and wearing comfort and also for patients with complex anatomical and physiological conditions. Product variations have green writing on the neck flange.

---

**Reference Numbers and Measurements: REF 350**

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1 ID: inside diameter (clear width) of tube; 2 AD: outside diameter of tube; 3 TL: length along centre line from start of neck flange to bottom of tube; 4 OB: length along outer bend from start of neck flange to bottom of tube; 5 BW: bending angle

To order, specify REF + size (e.g. REF 355-2.5).

Call (513) 272-1600 or Fax (513) 272-1610 to place order  http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
**TRACOE humid assist mini**

**REF 643**

50 units, sterile, individually packaged

Heat/moisture exchanger with paper filter for attachment to any pediatric tube with 15 mm connector.

To be used in children with tidal volume (VT) of 7.5 ml to 50 ml.

---

**TRACOE mini Extension Piece**

**REF 356**

In sterile package

- Extension piece
- Disconnecting aid (wedge)
- Product information card with peel-off sticker on front and back

Prevents obstruction of the patient end of the tube.

The dead space will be increased by approx. 3.5-4 ml (cm³), which corresponds to the normal dead space of 2-3 year old children. Fits all mini tubes up to an inner diameter of 6 mm.

**Measurements in mm:**

```
     80
   10.5  24  10.5

15 mm Connector, female
Reinforced Tube
15 mm Connector, male
```

---

**TRACOE mini Colour Coding:**

- REF 350
- REF 355

The colour coding is conspicuously printed on each box. This helps you organise your inventory and quickly and reliably locate the right tube.

---

Each TRACOE mini tube is supplied with

- an obturator
- a wide adjustable neck strap
- a tube info card with detachable stickers on front and back.

The neck strap is also available separately (REF 903-G).

---

Special accessories for TRACOE mini tubes:

- REF 622, 22 mm adapter for cannulas with 15 mm connector (for details see page 60)
- Neck strap and compresses, can be found on pages 76, 83 and 84 as part of the TRACOE care line of accessories.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
Lightweight, Soft and Flexible

TRACOE comfort tracheostomy tubes are made of clear medical-grade polymer material, which makes them both especially soft and very lightweight. They do not have to be removed for X-ray or cobalt therapy. A TRACOE comfort tube weighs only about one-third of a silver tube of the same size. Because they are transparent, it is also very easy to ensure that they are perfectly clean.

As Comfortable as Possible

As the name suggests, TRACOE comfort tubes are designed to be as comfortable as possible for permanent wearers after tracheostomy or laryngectomy. Their discreet appearance is an added benefit. To ensure optimum quality, they are still made by hand – an extra effort that does a world of good to the patient.

Many Models and Sizes

Every tube model comes in many different sizes and lengths. This variety makes it possible, to, e.g., avoid bruises at the tracheostoma and/or in the trachea, which would result in further impediments for the patient.
## TRACOE comfort – Tracheostomy Tubes

**Tube without Inner Cannula**

**REF 101**
- Cannula
- Wide neck strap (shown on page 45)

For acute tracheostomy and emergency care applications.

**Tube with Inner Cannula**

**REF 102**
- Outer cannula
- Inner cannula
- Wide neck strap (shown on page 45)

For permanent wearers.

---

**Reference Numbers and Measurements: REF 101 to REF 105-D, REF 107 and REF 108**

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<th>Size</th>
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- ID-OC: inside diameter (clear width) at bottom of outer cannula;
- OD-OC bc: outside diameter at bottom of outer cannula;
- OD-OC bf: outside diameter of outer cannula behind the flange;
- ID-IC: inside diameter at bottom of inner cannula;
- Length TL: length along centre line from start of neck flange to bottom of tube;
- Length OB: length along outer bend (greatest length)

- The bending angle is 90° in comfort tubes.

---

To order, specify: REF + size (e.g. REF 105-05).

---

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
Tube with Inner Cannulas

**REF 102-D**
- Outer cannula
- Two inner cannulas
- Wide neck strap (shown below)
For permanent wearers.

Tube, Fenestrated, with Slide-On Speaking Valve, Type A

**REF 103**
- Outer cannula, fenestrated
- Inner cannula, fenestrated, with slide-on silver valve type A
- Inner cannula
- Wide neck strap (shown below)
For tracheostomised patients with fully or partially intact larynx, for speaking.

**REF 103-O**: Product variant of REF 103 with additional oxygen supply port attached to the inner cannula with speaking valve.

Each TRACOE comfort tube is supplied with an adjustable neck strap and a tube info card with peel-off stickers on front and back. The neck strap is also available separately (REF 903-F).

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
Tube, Fenestrated, with Slide-On Speaking Valve, Type A

REF 103-A
- Outer cannula, fenestrated
- Inner cannula, fenestrated, with slide-on silver valve type A
- Inner cannula with 15 mm connector
- Inner cannula
- Wide neck strap (shown on page 45)

For tracheostomised patients with fully or partially intact larynx, for speaking.

REF 103-A-O: Product variant of REF 103-A with additional oxygen supply port attached to the inner cannula with speaking valve.

Tube, Fenestrated, with Swivel Speaking Valve, Type B

REF 104
- Outer cannula, fenestrated
- Inner cannula, fenestrated, with swivel valve type B
- Inner cannula
- Wide neck strap (shown on page 45)

For tracheostomised patients with fully or partially intact larynx, for speaking.

REF 104-O: Product variant of REF 104 with additional oxygen supply port attached to the inner cannula with speaking valve.

Product variants:
Product variants can be made in order to optimise the functionality and wearing comfort and also for patients with complex anatomical and physiological conditions. The relevant ordering forms are available on www.tracoe.com.

Accessory for TRACOE comfort Tubes:
- Speaking valves, occlusion caps and artificial noses (for details see page 60 and 61)
- REF 517, Seldinger guide wire with guiding catheter (for details see page 19)
- REF 518, Seldinger guide wire (for details see page 19)
- REF 622, 22 mm adapter for cannulas with 15 mm connector (for details see page 60)
**Tube, Fenestrated, with Swivel Speaking Valve, Type B**

**REF 104-A**
- Outer cannula, fenestrated
- Inner cannula, fenestrated, with swivel valve type B
- Inner cannula with 15mm connector
- Inner cannula
- Wide neck strap (shown on page 45)
For tracheostomised patients with fully or partially intact larynx, for speaking.

**REF 104-A-O:** Product variant of REF 104-A with additional oxygen supply port attached to the inner cannula with speaking valve.

The reference numbers and measurements for REF 103-A to REF 104-A can be found on the table on page 44.

**Tube, Fenestrated, with Swivel Speaking Valve, Type B**

**REF 114**
- Outer cannula, fenestrated
- Inner cannula, fenestrated, with swivel valve type B
- Inner cannula with 15mm connector
- Inner cannula
- Wide neck strap (shown on page 45)
For tracheostomised patients with fully or partially intact larynx, for speaking.

**Reference Numbers and Measurements:**
**REF 114 and REF 115**

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- ID-OC: inside diameter (clear width) at bottom of outer cannula; OD-OC bc: outside diameter at bottom of outer cannula; OD-OC bf: outside diameter of outer cannula behind the flange; ID-IC: inside diameter at bottom of inner cannula; TL: length along centre line from start of neck flange to bottom of tube; OB: length along outer bend (greatest length)
- The bending angle is 90° in comfort tubes.
- Please refer to the figure on page 45.

To order, specify: REF + size (e.g. REF 114-07).
Tube with 15mm Connector

**REF 105**
- Outer cannula
- Inner cannula with 15mm connector
- Wide neck strap (shown on page 45)

For attaching:
- TRACOE humid assist I (REF 640-CT),
- TRACOE humid assist III (REF 641) and
- TRACOE humid assist IV (REF 642).

Further information see page 58 to 61.

Tube with 15mm Connector

**REF 105-D**
- Outer cannula
- Two inner cannulas with 15mm connector
- Wide neck strap (shown on page 45)

For attaching:
- TRACOE humid assist I (REF 640-CT),
- TRACOE humid assist III (REF 641) and
- TRACOE humid assist IV (REF 642).

Further information see page 58 to 61.

The reference numbers and measurements for REF 105 to REF 105-D can be found on the table on page 44, for REF 115 on page 47.
Tube, Fenestrated, with 15mm Connector

**REF 115**
- Outer cannula, fenestrated
- Inner cannula, fenestrated, with 15mm connector
- Inner cannula with 15mm connector
- Wide neck strap (shown on page 45)

For attaching:
TRACOE phon assist (e.g. REF 650-T) and
TRACOE humid assist (e.g. REF 640-CT).
Further information see page 58 to 61.

Laryngectomy Tube

**REF 106-D**
- Outer cannula, short
- Two inner cannulas, short
- Wide neck strap (shown on page 45)

For patients whose larynx has been removed.
The length and bending angle are designed
for an optimum fit.

Reference Numbers and Measurements: REF 106-D

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- ID-OC: inside diameter (clear width) at bottom of outer cannula;
- OD-OC bc: outside diameter at bottom of outer cannula;
- OD-OC bf: outside diameter of outer cannula behind the flange;
- ID-IC: inside diameter at bottom of inner cannula;
- TL: length along centre line from start of neck flange to bottom of tube;
- OB: length along outer bend (greatest length)

The bending angle is 130° in comfort laryngectomy tubes.

To order, specify: REF + size (e.g. REF 106-07D).

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
Products purchased may differ in appearance from the illustrations in this catalogue.

**Tube, Fenestrated, with 15 mm Connector and 22 mm Adapter**

- **REF 107**
  - Outer cannula, double fenestrated
  - Inner cannula, double fenestrated, with 22 mm adapter
    For attaching: TRACOE phon assist (REF 650-S and REF 655-S with or without TRACOE humid assist II REF 645) and TRACOE humid assist (REF 640-S)
  - Inner cannula with 15 mm connector
    For attaching: TRACOE humid assist (REF 640-CT, REF 641 and REF 643)
  - Wide neck strap (shown on page 45)

Further information see page 58 to 61.

**Tube, Fenestrated, with Swivel Speaking Valve Type B**

- **REF 108**
  - Outer cannula, fenestrated
  - Inner cannula, fenestrated, with swivel speaking valve type B
  - Inner cannula, double fenestrated, with 22 mm adapter
    For attaching: TRACOE phon assist (REF 650-S and REF 655-S with or without TRACOE humid assist II REF 645) and TRACOE humid assist (REF 640-S)
  - Wide neck strap (shown on page 45)

Further information see page 58 to 61. For tracheostomised patients with fully or partially intact larynx, for speaking.

The reference numbers and measurements for REF 107 and REF 108 can be found on the table on page 44.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
TRACOE comfort plus – Tracheostomy Tubes, long

Tube, Double Fenestrated, with 15mm Connector and 22mm Adapter

REF 157
- Outer cannula, double fenestrated
- Inner cannula, double fenestrated, with 22mm adapter
  For attaching: TRACOE phon assist (REF 650-S and REF 655-S with or without TRACOE humid assist II REF 645) and TRACOE humid assist (REF 640-S)
- Inner cannula with 15mm connector
  For attaching: TRACOE humid assist (REF 640-CT, REF 641 and REF 643)
- Wide neck strap (shown on page 45)
  Further information see page 58 to 61.

Tube, Double Fenestrated, with Swivel Speaking Valve, Type B

REF 158
- Outer cannula, double fenestrated
- Inner cannula, double fenestrated, with swivel speaking valve type B
- Inner cannula, double fenestrated, with 22mm adapter
  For attaching: TRACOE phon assist (REF 650-S and REF 655-S with or without TRACOE humid assist II REF 645) and TRACOE humid assist (REF 640-S)
- Wide neck strap (shown on page 45)
  Further information see page 58 to 61.
For tracheostomised patients with fully or partially intact larynx, for speaking.

Features of TRACOE comfort plus Tracheostomy Tubes:
- Maximised length of the tube
- Easier insertion of the inner cannula due to the bending angle of 100°.
- Improved handling of the swivel speaking valve type B to protect the valve flap of accidental bending
- Highly improved phonation through double fenestration: multiple fenestration at the outer bend as well as two additional phonation holes at the inner bend.

The reference numbers and measurements for REF 157 and REF 158 can be found on the table on page 52.
**Tube, Double Fenestrated, with Swivel Speaking Valve, Type B**

**REF 164**
- Outer cannula, double fenestrated
- Inner cannula, double fenestrated, with swivel speaking valve type B
- Inner cannula with 15 mm connector
  
  For attaching: TRACOE humid assist (REF 640-CT, REF 641 and REF 643)

Further information see page 58 to 61.

For tracheostomised patients with fully or partially intact larynx, for speaking.

---

**Reference Numbers and Measurements: REF 157, REF 158 and REF 164**

<table>
<thead>
<tr>
<th>Size</th>
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<th>OD-OC bc (mm)</th>
<th>OD-OC bf (mm)</th>
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</table>

- ID-OC: inside diameter (clear width) at bottom of outer cannula; OD-OC bc: outside diameter at bottom of outer cannula; OD-OC bf: outside diameter of outer cannula behind the flange; ID-IC: inside diameter at bottom of inner cannula; Length TL: length along centre line from start of neck flange to bottom of tube; Length OB: length along outer bend (greatest length)

- The bending angle is 100° in comfort plus tubes.

To order, specify: REF + size (e.g. REF 157-07).

---

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
**TRACOE comfort – Tracheostomy Tubes, extra-long**

### Extra-Long Tube with Inner Cannula

**REF 202**
- Outer cannula, extra-long
- Inner cannula
- Wide neck strap (shown on page 54)

For permanent wearers and patients with tracheal stenosis.

---

### Extra-Long Tube with Inner Cannulas

**REF 202-D**
- Outer cannula, extra-long
- Two inner cannulas
- Wide neck strap (shown on page 54)

For permanent wearers and patients with tracheal stenosis.

---

Tubes of size 13 and 14 are made to order. Delivery time is approx. 10 working days.

---

**Reference Numbers and Measurements: REF 202 to REF 205**

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- ID-OC: inside diameter (clear width) at bottom of outer cannula;
- OD-OC bc: outside diameter at bottom of outer cannula;
- OD-OC bf: outside diameter of outer cannula behind the flange;
- ID-IC: inside diameter at bottom of inner cannula;
- TL: length along centre line from start of neck flange to bottom of tube;
- OB: length along outer bend (greatest length)

The bending angle is 90° in comfort tubes.

To order, specify: REF + size (e.g. REF 205-05).

---

**Legend to symbol:**

- Fenestrated tube
- Speaking valve or fenestrated tube with integrated speaking valve

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
**Extra-Long Tube, Fenestrated, with Slide-On Speaking Valve, Type A**

**REF 203**
- Outer cannula, extra-long, fenestrated
- Inner cannula, fenestrated, with slide-on silver valve type A
- Inner cannula
- Wide neck strap (shown below)
For tracheostomised patients with fully or partially intact larynx for speaking or with tracheal stenosis.

**REF 203-O**: Product variant of REF 203 with additional oxygen supply port attached to the inner cannula with speaking valve.

---

**Extra-Long Tube, Fenestrated, with Swivel Speaking Valve, Type B**

**REF 204**
- Outer cannula, extra-long, fenestrated
- Inner cannula, fenestrated, with swivel valve type B
- Inner cannula
- Wide neck strap (shown below)
For tracheostomised patients with fully or partially intact larynx for speaking or with tracheal stenosis.

**REF 204-O**: Product variant of REF 204 with additional oxygen supply port attached to the inner cannula with speaking valve.

---

**Each TRACOE comfort tube is supplied with**
an adjustable neck strap and a tube info card with peel-off stickers on front and back. The neck strap is also available separately (REF 903-F).

**Accessory for TRACOE comfort Tubes:**
- Speaking valves, artificial noses and occlusion caps (for details see page 60 and 61).
- REF 622, 22 mm adapter for cannulas with 15 mm connector (for details see page 60)

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
Extra-Long Tube, Fenestrated, with Swivel Speaking Valve, Type B

**REF 204-A**
- Outer cannula, extra-long, fenestrated
- Inner cannula, fenestrated, with swivel valve type B
- Inner cannula with 15 mm connector
- Inner cannula
- Wide neck strap (shown on page 54)

For tracheostomised patients with fully or partially intact larynx for speaking or with tracheal stenosis.

**REF 204-A-O:** Product variant of REF 204-A with additional oxygen supply port attached to the inner cannula with speaking valve.

Extra-Long Tube with 15 mm Connector

**REF 205**
- Outer cannula, extra-long
- Inner cannula with 15 mm connector
- Wide neck strap (shown on page 54)

For attaching:
- TRACOE humid assist I (REF 640-CT),
- TRACOE humid assist III (REF 641) and
- TRACOE humid assist IV (REF 642).

Further information see page 58 to 61.

Product variants:
Product variants can be made in order to optimise the functionality and wearing comfort and also for patients with complex anatomical and physiological conditions. The relevant ordering forms are available on www.tracoe.com.

The reference numbers and measurements for REF 203 to REF 205 can be found on the table on page 53.
The Modular System

TRACOE speaking valves and heat/moisture exchanger can be attached to different support systems with 15 mm connectors or 22 mm housings, depending on requirements and indications. This modular system for tracheostomy tubes, stoma buttons, short tubes and adhesive carriers permits flexible solutions to suit individual patients.

Speaking Valves

TRACOE phon assist I is used by tracheostomised patients and offers, due to the infinitely adaptable airway resistance, new therapeutic options. The TRACOE phon assist II speaking valve makes it possible for laryngectomised patients with a voice prosthesis and tracheostomised patients to speak hands-free. Both versions are individually adjustable.

Heat/Moisture Exchangers

TRACOE humid assist I to IV as well as TRACOE humid assist mini are heat/moisture exchangers (HMEs) that act like an artificial nose by warming, moistening and filtering inhaled air.
For Tracheostomy Tubes

Possible Combinations

Tubes, fenestrated

- **TRACOE twist and twist plus tubes, fenestrated, with 15 mm connector**
  REF 302, REF 302-P, REF 304, REF 888-306, REF 888-306-P, REF 312, REF 312-P, REF 314, REF 888-316, REF 888-316-P

- **TRACOE comfort tube, fenestrated, with 15 mm connector**
  REF 115, REF 215

Tubes

- **TRACOE twist and twist plus tubes, with 15 mm connector**
  REF 301, REF 301-P, REF 303, REF 305, REF 306, REF 309, REF 311, REF 311-P, REF 313, REF 316

- **TRACOE vario tubes, with 15 mm connector**

- **TRACOE comfort tubes, with 15 mm connector**
  REF 103-A, REF 104-A, REF 114, REF 105, REF 105-D, REF 204-A, REF 205, REF 214

Tubes, for neonates and children

- **TRACOE mini tubes with 15 mm connector**
  REF 350, REF 355

Each in combination with:
- humid assist I (REF 640-CT)
- humid assist II (REF 641)
- humid assist IV (REF 642)
- phon assist II (REF 655-T)
- Occlusion Cap (REF 516)
- 22 mm adapter (REF 622)

**Caution:** All tubes with cuff have to be deflated before using a speaking valve!

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
For TRACOE buttons, Silicone Short Tubes and Adhesive Carriers

### Speaking Valves
- phon assist I
  - REF 650-S
- phon assist I with oxygen supply port
  - REF 650-SO
- phon assist II
  - REF 655-S

### Heat/moisture exchanger (HMEs)
- humid assist I
  - REF 640-S
- humid assist II
  - REF 645

### Stopper
- REF 621

---

### Possible Combinations

#### Carrier with 22 mm housing
- **TRACOE larynx grid button**
  - REF 601, REF 602, REF 603
- **TRACOE larynx stoma button**
  - REF 611, REF 612, REF 613
- **TRACOE larynx Silicone Short Tube, fenestrated**
  - REF 581, REF 583
- **TRACOE larynx Adhesive Carrier**
  - REF 660, REF 661

Each 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)
- Stopper (REF 621)

#### TRACOE larynx Silicone Short Tube
- REF 580, REF 582

Each in combination with:
- humid assist I (REF 640-S)

---

Call (513) 272-1600 or Fax (513) 272-1610 to place order [http://bryanmedical.net](http://bryanmedical.net)
Speaking Valves and Occlusion Caps

For Tracheostomy Tubes

**NEW! AVAILABLE FROM 08/2014**

**TRACOE phon assist I**

**REF 650-T**
1 unit supplied in sterile package
Speaking valve with air supply from the side, infinitely adjustable, for attachment to any fenestrated tube with 15mm connector (e.g. page 22/23, REF 302 and REF 304). Air supply from the side allows an individually adjustable airway resistance. Fits all tube sizes.

**TRACOE phon assist I with Oxygen Supply Port**

**REF 650-TO**
1 unit supplied in sterile package
Speaking valve with air supply from the side, infinitely adjustable, with oxygen supply port. For attachment to any fenestrated tube with 15mm connector (e.g. page 22/23, REF 302 and REF 304). Air supply from the side allows an individually adjustable airway resistance. Fits all tube sizes.

**TRACOE phon assist II**

**REF 655-T**
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 any fenestrated tube with 15mm connector (e.g. page 22/23, REF 302 and REF 304). Fits all tube sizes.

**Occlusion Caps for 15mm Connectors (blue)**

**REF 516**
5 units, sterile, individually packaged
Occlusion caps for fenestrated tubes with 15mm connector.

**22mm Adapter**

**REF 622**
1 unit, sterile, individually packaged
22mm adapter for cannulas with 15mm connector for attachment of e.g. TRACOE phon assist (REF 650-S and REF 655-S) and TRACOE humid assist (REF 640-S).

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
Heat/Moisture Exchanger, HME

For Tracheostomy Tubes

**TRACOE humid assist I**

**REF 640-CT**
- 50 units, sterile, individually packaged
- Heat/moisture exchanger for attachment to any tube with 15mm connector.
- Fits all tube sizes.

**TRACOE humid assist mini**

**REF 643**
- 50 units, sterile, individually packaged
- Heat/moisture exchanger with paper filter for attachment to any pediatric tube with 15mm connector. To be used in children with tidal volume (VT) of 7.5 ml to 50 ml.

**TRACOE humid assist III**

**REF 641**
- 50 units, sterile, individually packaged
- Heat/moisture exchanger with paper filter for attachment to any tube with 15mm connector, integrated oxygen supply port, turnable through 360°.
- Fits all tube sizes.

**TRACOE humid assist IV**

**REF 642**
- 30 units, individually packaged in cleanroom
- Heat/moisture exchanger for attachment to any tube with 15mm connector, integrated oxygen supply port and pressure control valve for expectoration of larger quantities of secretion.
- Fits all tube sizes.

**TRACOE humid assist II**

**REF 645**
- 50 units, sterile, individually packaged
- Heat/moisture exchanger for attaching to the hands-free speaking valve TRACOE phon assist II (REF 655-T) only.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
Speaking Valves and Occlusion Caps
For TRACOE buttons, Silicone Short Tubes and Adhesive Carriers

TRACOE phon assist I

REF 650-S  1 unit supplied in sterile package
Speaking valve with air supply from the side, infinitely adjustable, with flat base.
For insertion in TRACOE stoma and grid buttons (REF 601-603 and REF 611-613), TRACOE adhesive carriers (REF 660 and REF 661) and silicone short tubes (REF 580-583).
Air supply from the side allows an individually adjustable airway resistance.
Caution: Not for use by laryngectomised patients.

TRACOE phon assist I with Oxygen Supply Port

REF 650-SO  1 unit supplied in sterile package
Speaking valve, infinitely adjustable, with flat base, oxygen supply port and cap.
For insertion in TRACOE stoma and grid buttons (REF 601-603 and REF 611-613), TRACOE adhesive carriers (REF 660 and REF 661) and silicone short tubes (REF 580-583).
Air supply from the side allows an individually adjustable airway resistance.
Caution: Not for use by laryngectomised patients.

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 stoma and grid buttons (REF 601-603 and REF 611-613), TRACOE adhesive carriers (REF 660, REF 661) and silicone short tubes (REF 580-583).
Fits all sizes.
Caution: After laryngectomy only to be used in conjunction with a voice prosthesis!

Stopper

REF 621  5 units supplied in sterile package
To temporarily seal TRACOE stoma and grid buttons (REF 601-603 and REF 611-613), TRACOE adhesive carriers (REF 660, REF 661) and silicone short tubes (REF 580-583) in patients with unobstructed upper airways and unrestricted breathing.
Caution: Not for use by laryngectomised patients.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
Heat/Moisture Exchanger, HME

For TRACOE buttons, Silicone Short Tubes and Adhesive Carriers

TRACOE humid assist I

REF 640-S  
50 units individually packaged in cleanroom

Heat/moisture exchanger with flat base for all carriers with 22 mm housing, e.g. TRACOE comfort tubes (REF 107, REF 108, REF 157, REF 158 and REF 164), TRACOE stoma and grid buttons (REF 601-603 and REF 611-613), TRACOE adhesive carriers (REF 660 and REF 661) and silicone short tubes (REF 580-583).

For patients with or without voice prosthesis.

TRACOE humid assist II

REF 645  
50 units individually packaged in cleanroom

Heat/moisture exchanger for attaching to the hands-free speaking valve TRACOE phon assist II (REF 655-S) only.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
Individual Solutions

TRACOE larynx is a product group that is specifically geared to meet the needs of laryngectomised and tracheostomised patients in the hospital, during rehabilitation and home care.

The Products

TRACOE stoma buttons and short tubes 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 carriers for laryngectomised or tracheostomised patients to attach heat/moisture exchangers (HMEs) humid assist I or the speaking valves phon assist I and phon assist II.

Information and reference numbers for TRACOE heat/moisture exchangers as well as TRACOE speaking valves you will find in the TRACOE modular as from page 56 onwards.
Possible Combinations with TRACOE modular

Carrier with 22 mm housing

- **TRACOE larynx grid button**
  REF 601, REF 602, REF 603

- **TRACOE larynx stoma button**
  REF 611, REF 612, REF 613

- **TRACOE larynx Silicone Short Tube, fenestrated**
  REF 581, REF 583

- **TRACOE larynx Adhesive Carrier**
  REF 660, REF 661

Each 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)
- Stopper (REF 621)

- **TRACOE larynx Silicone Short Tube**
  REF 580, REF 582

Each in combination with:
- humid assist I (REF 640-S)

Pictures, reference numbers and information for heat/moisture exchangers (humid assist), speaking valves (phon assist) and stoppers you will find in the product group TRACOE modular as from page 56 onwards.

Scope of delivery TRACOE larynx products (except adhesive carriers) includes a product info card with peel-off stickers on front and back.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
**TRACOE larynx – stoma buttons**

**TRACOE grid button**

- **REF 601**  
  1 unit supplied in sterile package  
  with 1 neck strap

- **REF 602**  
  1 unit supplied in sterile package  
  with 1 neck strap

- **REF 603**  
  1 unit supplied in sterile package  
  with 1 neck strap

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**  
  1 unit supplied in sterile package

- **REF 612**  
  1 unit supplied in sterile package

- **REF 613**  
  1 unit supplied in sterile package

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

---

**Reference Numbers and Measurements:**

**REF 601 to REF 603 and REF 611 to REF 613**

<table>
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<th>Size</th>
<th>ID (mm)</th>
<th>OD (mm)</th>
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<th>Length Standard (mm)</th>
<th>Length Long (mm)</th>
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<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).

---

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Legend to symbol: 
Fenestrated tube or carrier for e.g. speaking valve
Tracheostoma Management – As Comfortable as Possible

Special situations require special solutions. Tracheostomised and laryngectomised patients need accessories that help make daily life with a tracheostomy tube as comfortable as possible. Many products in the TRACOE care line of accessories enhance the daily use of tracheostomy tubes, such as neck straps and protective scarves. The special cleaning kits and tracheal compresses ensure proper hygiene, which is of utmost importance.

Product Location Service

You cannot find a specific product in the extensive TRACOE care range? Call them! The team of TRACOE medical will assist you in locating the required accessory.
### Neck Straps

For holding tubes securely in place.

<table>
<thead>
<tr>
<th>REF</th>
<th>max. length (approx.) in cm</th>
<th>Width of neck strap (approx.) in cm</th>
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<td>903-J</td>
<td>36</td>
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</tr>
</tbody>
</table>

- **REF 903-A**: Beige, elastic, consists of one part, individually adjustable, with hook
- **REF 903-B**: White, wide, padded, consists of one part, individually adjustable, with hook-and-loop fastener
- **REF 903-B-P**: Identical to REF 903-B
- **REF 903-D**: White, wide, padded, elastic, consists of two parts, individually adjustable, with hook-and-loop fastener
- **REF 903-E**: White, wide, consists of one part, with hook-and-loop fastener
- **REF 903-E-P**: Identical to REF 903-E
- **REF 903-F**: White, wide, consists of two parts, individually adjustable, with hook-and-loop fastener
- **REF 903-F-P**: Identical to REF 903-F
- **REF 903-G**: White, wide, consists of two parts, individually adjustable, with hook-and-loop fastener, for neonates and children
- **REF 903-H**: White, wide, padded, consists of one part, individually adjustable, with hook
- **REF 903-H-P**: Identical to REF 903-H
- **REF 903-I**: White, long, wide, padded, consists of one part, individually adjustable, with hook
- **REF 903-I-P**: Identical to REF 903-I
- **REF 903-J**: White, short, wide, padded, consists of one part, individually adjustable, with hook
- **REF 903-J-P**: Identical to REF 903-J
Liquid Paraffin

**REF 902**

Lubricates and protects TRACOE comfort tubes. Lets inner cannulas be easily inserted and removed, assures best possible fit and good quality of speech. Contents: 25ml

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
TRACOE care – Cleaning Kits

For cleaning TRACOE tracheostomy tubes and TRACOE buttons.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Description</th>
<th>Contents</th>
</tr>
</thead>
</table>
| 930-A | With cleaning powder and small cleaning swabs | - tube clean cleaning powder (Ref 932)  
- tube clean cleaning tub (Ref 934)  
- 1 cleaning brush (Ref 938-A)  
- 50 cleaning swabs, small (Ref 935) |
| 930-B | With cleaning powder and large cleaning swabs | - tube clean cleaning powder (Ref 932)  
- tube clean cleaning tub (Ref 934)  
- 1 cleaning brush (Ref 938-A)  
- 50 cleaning swabs, large (Ref 936) |
| 931-A | With concentrated cleaning liquid and small cleaning swabs | - tube clean concentrated cleaning liquid (Ref 933)  
- tube clean cleaning tub (Ref 934)  
- 1 cleaning brush (Ref 938-A)  
- 50 cleaning swabs, small (Ref 935) |
| 931-B | With concentrated cleaning liquid and large cleaning swabs | - tube clean concentrated cleaning liquid (Ref 933)  
- tube clean cleaning tub (Ref 934)  
- 1 cleaning brush (Ref 938-A)  
- 50 cleaning swabs, large (Ref 936) |

All articles in the cleaning kits are also available separately.

Detailed tips and information on how to clean, disinfect and care for tracheostomy tubes can be found on pages 85 and 86 and in the respective instructions for use.

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net

Products purchased may differ in appearance from the illustrations in this catalogue.
**TRACOE care – Cleaning Kits**

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**TRACOE tube clean**

- **Concentrated Cleaning Liquid**
  - **REF 933** 1 bottle
  - Liquid cleaning concentrate for cleaning and maintaining tracheostomy tubes and stoma/grid buttons. The containing enzymes penetrate and dissolve all organic residues. Rapidly acting.
  - Contents: 250 ml
  - (approx. 70 applications, approx. 3.5 ml / 700 ml water)

- **Cleaning Powder**
  - **REF 932** 1 tub
  - Cleaning powder for cleaning and maintaining tracheostomy tubes and stoma/grid buttons. Dissolves incrustations.
  - Contents: 400 g
  - (approx. 60 applications, approx. 7 g / 700 ml water)

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**TRACOE tube clean**

- **Cleaning Tub with Mesh Basket**
  - **REF 934** 1 tub
  - For tracheostomy tubes and stoma/grid buttons. Volume: 1000 ml

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Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
**TRACOE tube clean Cleaning Swabs**

**REF 935**  
*Small*  
Pack of 50  
Bendable plastic swabs with polyurethane sponge tip for cleaning tracheostomy tubes/cannulas with an inner diameter of 3 to 7 mm.  
For single use.

**REF 936**  
*Large*  
Pack of 50  
Bendable plastic swabs with polyurethane sponge tip for cleaning tracheostomy tubes/cannulas with an inner diameter of 8 to 14 mm.  
For single use.

**Protective Skin Cloth**

**REF 970**  
Pack of 50  
For daily skin care and cleaning around the tracheostoma. Dermatologically and itch-reducing. Impregnated with lipid regulating substances.

**Angled Forceps**

**REF 678**  
1 unit  
To remove incrustations and clean tubes, autoclavable.
**TRACOE Cleaning Brushes with Wool Tip**

**REF 938**  
Pack of 10  
Angled brush with extra-soft nylon bristles for removing incrustations. To reduce scratching, the brushes have a wool tip.

<table>
<thead>
<tr>
<th>REF</th>
<th>Bristle-diameter</th>
<th>For tube inside diameter</th>
<th>Approx. total length</th>
</tr>
</thead>
<tbody>
<tr>
<td>938-A</td>
<td>7 mm</td>
<td>5/6 mm</td>
<td>21 cm</td>
</tr>
<tr>
<td>938-B</td>
<td>9 mm</td>
<td>7/8 mm</td>
<td>21 cm</td>
</tr>
<tr>
<td>938-C</td>
<td>11 mm</td>
<td>9/10 mm</td>
<td>21 cm</td>
</tr>
</tbody>
</table>

**TRACOE Cleaning Brushes for Flexible Tracheostomy Tubes**

**REF 940**  
Pack of 10  
Extra-long, specially made for cleaning flexible tracheostomy tubes. The wire used has a rounded tip and the bristles are made of soft nylon.

<table>
<thead>
<tr>
<th>REF</th>
<th>Bristle-diameter</th>
<th>For tube inside diameter</th>
<th>Approx. total length</th>
</tr>
</thead>
<tbody>
<tr>
<td>940-A</td>
<td>7 mm</td>
<td>5/6 mm</td>
<td>31.5 cm</td>
</tr>
<tr>
<td>940-B</td>
<td>9 mm</td>
<td>7/8 mm</td>
<td>33.5 cm</td>
</tr>
<tr>
<td>940-C</td>
<td>11 mm</td>
<td>9/10 mm</td>
<td>36.0 cm</td>
</tr>
<tr>
<td>940-D</td>
<td>13 mm</td>
<td>11/12 mm</td>
<td>36.0 cm</td>
</tr>
</tbody>
</table>

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
**Tracheal Compresses, Aluminium Coated, with Zigzag Slit**

**REF 905**  Pack of 10  
Tracheal compresses, aluminium coated, avoid the compress sticking to the wound or the skin. They absorb secretions between the stoma and the tube.
Dimensions: approx. 9 x 9.8cm

**Tracheal Compresses**

**REF 910-A**  Without slit  Pack of 10  
**REF 910-B**  With zigzag slit  Pack of 10  
These tracheal compresses absorb secretions from the tracheostoma to avoid skin irritations.
Dimensions: approx. 9 x 9.8cm

**TRACOE Tracheostoma Protection**

**REF 908**  Small  Pack of 10  
Dimensions: approx. 6 x 6.5cm

**REF 909**  Large  Pack of 10  
Dimensions: approx. 7.2 x 7.2cm  
Prevents foreign objects from entering the tracheostoma. With adhesive strip, for single use, for adults and children.

**Coated Tracheal Compresses with Zigzag Slit**

**REF 960**  Pack of 10  
To absorb secretions from the tracheostoma to avoid skin irritations. The coating further avoids the absorbant compress sticking to the wound or the skin.
Dimensions: approx. 8 x 10cm

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The zigzag slit keeps the compresses securely in place. At the same time it is quite simple to remove the compress and replace it with a new one whilst wearing the tracheostomy tube.
Two-Ply Tracheal Compresses

**REF 907-A**  Without slit  Pack of 10
**REF 907-B**  With zigzag slit  Pack of 10
Two-ply tracheal compresses absorb a large amount of secretions from the tracheostoma quickly to avoid skin irritations. At the same time they are used as a pad between the tracheostoma and the tracheostomy tube.
Dimensions: approx. 9 x 9.8 cm

Coated Two-Ply Tracheal Compresses with Zigzag Slit

**REF 957**  Pack of 10
Two-ply tracheal compresses absorb a large amount of secretions from the tracheostoma quickly to avoid skin irritations. The absorbent coating further avoids the compress sticking to the wound or skin.
At the same time they are used as a pad between the tracheostoma and the tracheostomy tube.
Dimensions: approx. 8 x 10 cm

Tracheal Compresses with Zigzag Slit, for Neonates and Children

**REF 961**  Pack of 10
Tracheal compresses to absorb secretions from the tracheostoma to avoid skin irritations. At the same time they are used as a pad and a protection for the sensitive skin around the tracheostoma.
The compresses are ideally adapted to the anatomy of neonates and children.
Dimensions: approx. 6.5 x 6.3 cm

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net
**TRACOE care – Sterile Tracheostomy Dressing**

**TRACOE purofoam Tracheostomy Dressing**

**REF 958** *Large*  
Pack of 10 supplied in individual sterile packages  
For tracheostomy tube sizes 06 to 12.  
Dimensions: approx. 9 x 10 x 0.5 cm

**REF 959** *Small*  
Pack of 10 supplied in individual sterile packages  
For tracheostomy tube sizes 03 to 05.  
Dimensions: approx. 6.5 x 6.5 x 0.5 cm

**TRACOE softpad Tracheostomy Stoma Pads**

**REF 969**  
Pack of 20 supplied in individual sterile packages  
Oval tracheostomy stoma pads made of open-pored, highly absorbent polyurethane foam.  
Avoids decubitus, compensates unevenness due to scars, seals air leaks (function of speech).  
Dimensions: oval, approx. 5.5 cm at longest point and approx. 3.7 cm at widest point.

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**Features of TRACOE purofoam Tracheostomy Dressing:**

- The TRACOE purofoam tracheostomy dressings are made of highly absorbent open pore polyurethane foam (a).  
- The foam has a non-sticking layer (b) on the side facing the tracheostoma which allows quick absorption of liquids into the foam’s core.  
- The opposite side is covered with a skin coloured, vapour permeable coating which will prevent leakage of secretions and bacteria through the front of the dressing (c).

Due to the circular opening and the zigzag slit the dressing can be easily replaced with a new one whilst wearing the tracheostomy tube. As the dressing does not stick to the skin, it can be removed and replaced without causing trauma or pain.

The TRACOE purofoam tracheostomy dressing can be used to dress a newly established or an existing, irritated tracheostoma, as well as healed but weeping tracheostomas and any other kind of artificial orifice. This dressing meets modern standards of moist wound treatment.

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Call (513) 272-1600 or Fax (513) 272-1610 to place order [http://bryanmedical.net](http://bryanmedical.net)

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**TRACOE Protective Bibs**

| REF 919-A | 3-ply | White | 1 unit |
| REF 919-B | 6-ply | White | 1 unit |
| REF 919-C | 12-ply | White | 1 unit |
| REF 920-A | 3-ply | Beige | 1 unit |
| REF 920-B | 6-ply | Beige | 1 unit |
| REF 920-C | 12-ply | Beige | 1 unit |

The protective bibs filter and warm the respiratory air. At the same time they protect clothes from possible secretions. Made of polyester, with continuously adjustable hook-and-loop fastener.

**TRACOE Protective Scarves**

| REF 921-A | Grey plaid | 1 unit |
| REF 921-B | Beige plaid | 1 unit |
| REF 921-C | Dark green | 1 unit |
| REF 921-D | Dark blue | 1 unit |
| REF 921-E | Burgundy | 1 unit |

Made of 100% viscose with integrated polyester layer. The TRACOE protective scarves are worn around the neck like an average scarf and are secured with an continuously adjustable hook-and-loop fastener.

**TRACOE Protective Roll-Necks**

| REF 923 | Fine knit | Classically elegant |
| REF 923-A | White | 1 unit |
| REF 923-B | Gray | 1 unit |
| REF 923-C | Beige | 1 unit |
| REF 923-D | Dark green | 1 unit |
| REF 923-E | Dark blue | 1 unit |
| REF 923-F | Burgundy | 1 unit |
| REF 923-G | Black | 1 unit |

TRACOE protective roll-necks are made of 100% cotton with an integrated polyester layer. They are worn underneath the shirt.

**Washing Instructions for TRACOE Protective Bibs, TRACOE Protective Scarves and TRACOE Protective Roll-Necks:**
- Hand-wash, 30°C, with mild soap
- No dry-cleaning
- No bleaching
- No ironing

Call (513) 272-1600 or Fax (513) 272-1610 to place order http://bryanmedical.net