



## A Proven Technique

Percutaneous dilatation tracheotomy (PDT) has become routine practice in intensive care. The Ciaglia technique is now the method most widely used. The TRACOE *experc* system is based on this proven technique.

The products are tailored to the use of fenestrated and non-fenestrated tracheostomy tubes, including tubes with sub-glottic suction lines, from the TRACOE *twist*, *twist plus*,

and TRACOE *vario* product lines. They are supplied already mounted on their minimally traumatic insertion systems (P-tubes). Inserting the tube into the patient via an introducer is a particular challenge of the percutaneous dilatation.



## Our Innovation

Thanks to the patented minimally traumatic inserter and minimally traumatic insertion system, TRACOE expersc sets offer the solution: the soft silicone sleeve at the tip of the instrument smoothly bridges the gap in diameter between the inserter and the tube, thus allowing the tube to be introduced safely and easily.

## The Variable System

The TRACOE *twist*, including *twist plus*, and TRACOE *vario* product lines include 14 different P-tubes (all DEHP-free) with a minimally traumatic insertion system. Six of these tubes have subglottic suction lines. Sets are available in sizes 07 – 09. The TRACOE *twist plus* also comes in size 10. The TRACOE expersc sets can therefore be used with the tracheostomy tube that is most appropriate for the patient.

# The Variable Packaging System



Outer packaging of the TRACOE experec dilation set without tube (REF 520).



Outer packaging of the TRACOE experec Set *vario* and *vario* XL and the packaging of the corresponding P-tube.



Outer packaging of the TRACOE experec Set *twist* and the packaging of the corresponding P-tube.



Outer packaging of the TRACOE experec Set *twist* plus and the packaging of the corresponding P-tube.

The TRACOE *percutan* product line offers the possibility of ordering the dilatation set alone or as a set including a P-tube from the *twist*, *twist* plus, *vario* and *vario* XL product lines.

The special feature of the pre-mounted tube is its unique minimally traumatic inserter, which perfectly complements the percutaneous dilatational tracheotomy procedure. You will find details of the various inserters and how they function on the following pages.

**REF 520**
**TRACOE experc Dilation Set**

for percutaneous tracheotomy

- 1 scalpel
- 2 syringe
- 3 puncture needle (14 G) with teflon catheter
- 4 seldinger guide wire made of kink resistant Nitinol with inserter
- 5 short dilator (14 Ch/Fr)
- 6 guiding catheter with safety stop
- 7 TRACOE experc dilator with hydrophilic coating (slides easily after moistening)
- 8 4 compresses

◆ in sterile package

The TRACOE experc dilatation set (REF 520) can be used alone or together with the P-tube most appropriate for the patient. You will find an overview on pages 18/19.

▶ Learn more in our product video on our website  
[www.tracoe.com/en/media-library](http://www.tracoe.com/en/media-library)

**REF 517**
**TRACOE *percutan* Seldinger Guide Wire**

made of kink resistant Nitinol, with guiding catheter

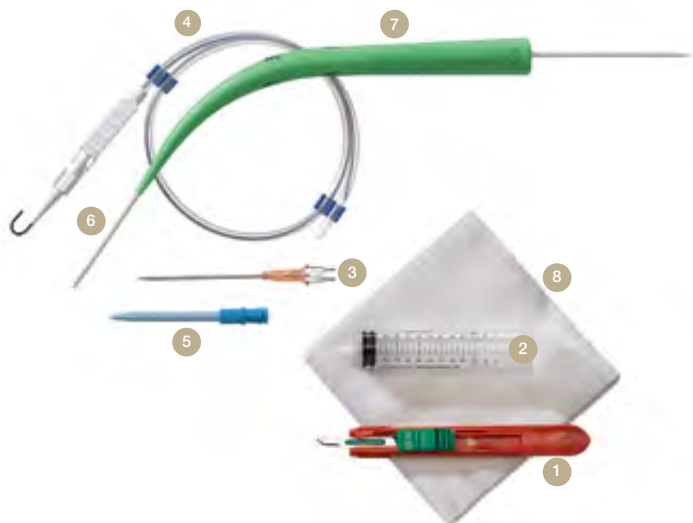
◆ in sterile package

To be used with all TRACOE *twist* tubes with minimally traumatic inserter.

**REF 518**
**TRACOE *percutan* Seldinger Guide Wire**

made of kink resistant Nitinol

Packaging unit: ◆ 5 units  
 ◆ sterile, individually packaged





# The Minimally Traumatic Inserter



At the tip of the *twist* inserter, there is a folding silicone sleeve that smoothly bridges the gap in diameter between the inserter and the end of the tube (Fig. 1a).

The minimally traumatic inserter is accurately adapted to the tube and its size. That prevents the tube from slipping. Once the tube is in the trachea, the inserter is pulled out of the tube. The silicone sleeve flaps back to facilitate its easy removal (Fig. 2, 2a).

## The Benefits

Dilatation is performed using the Ciaglia one-step technique. The minimally traumatic inserter smooths over the gap in diameter between the end of the tube and the inserter. This minimises the risk of injury when the tracheostomy tube is introduced into the trachea. The stop at the proximal end of the tube prevents the inserter from being inserted too far into the tube, which also reduces the risk of injury.

The separately available P-tubes can also be used for reinsertion and/or for tube change – in combination with a Seldinger guide wire, if necessary (see page 15).

# The Minimally Traumatic Insertion System

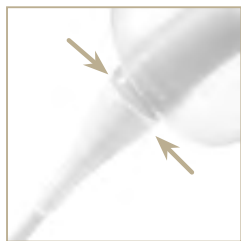
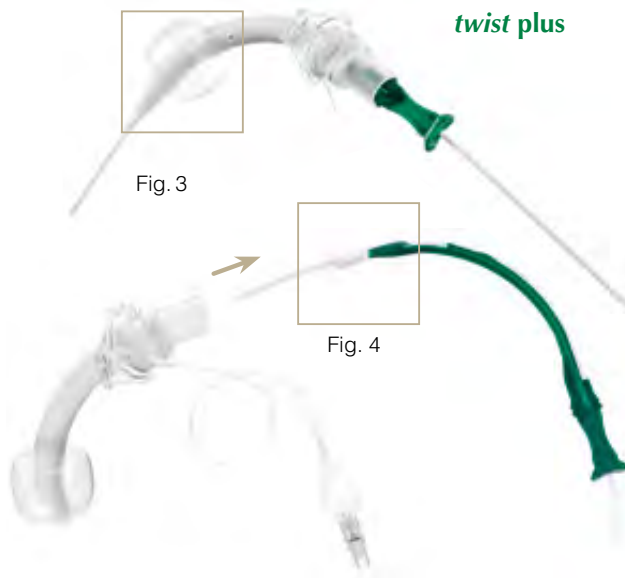


Fig. 3a



Fig. 4a

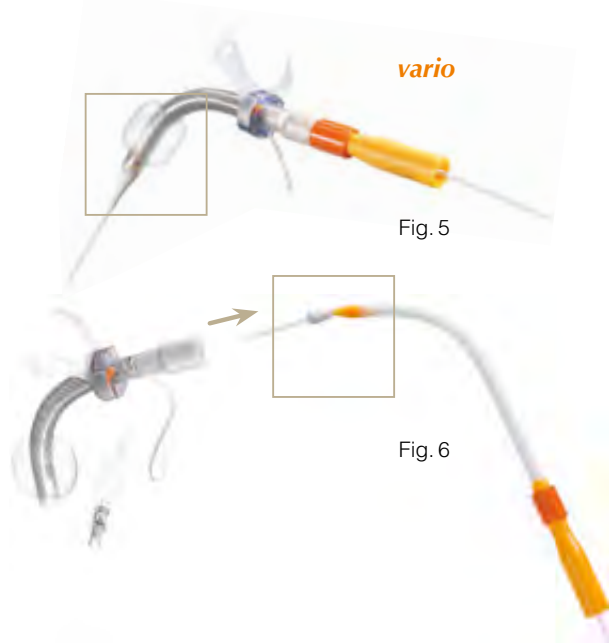


Fig. 5a



Fig. 6a

The systems for *twist plus* and *vario* consist of two parts: the white guiding catheter with silicone sleeve and the green (*twist plus*) or orange (*vario*) inserter. The silicone sleeve smoothly bridges the gap in diameter between the end of the tube and the inserter, thus minimising the risk of injury when the tracheostomy tube is inserted into the trachea (Fig. 3a, 5a).

The *twist plus* tracheostomy tube is supplied premounted on the minimally traumatic insertion system, with the inner cannula already in place. The insertion system stabilises

and facilitates guiding the tube. The inserter fits precisely into the tube and has a stop at the 15mm connector. Once the tube is in the trachea, the coloured inserter, the white guiding catheter with the silicone sleeve, and the Seldinger guide wire are removed together as a single unit. The silicone sleeve now flaps back, allowing the guiding catheter to be removed easily (Fig. 4a, 6a).

Alternatively, the coloured inserter can be pulled out of the tube first, followed by the white guiding catheter and Seldinger guide wire. The white guiding catheter must never be removed first.

## experc Sets *vario*



REF 420



**TRACOE experc Set vario**  
**including** REF 450-P  
spiral-reinforced, with  
adjustable neck flange, cuff  
and minimally traumatic  
insertion system  
Details on page 23/26



REF 422



**TRACOE experc Set vario**  
**extract including**  
REF 470-P  
with adjustable neck  
flange, cuff, subglottic  
suction line and minimally  
traumatic insertion system  
Details on page 23/26



REF 423



**TRACOE experc Set vario**  
**including** REF 460-P  
with adjustable neck  
flange, cuff and minimally  
traumatic insertion system  
Details on page 23/26

## experc Sets *vario* XL



REF 421



**TRACOE experc Set vario**  
**XL including** REF 451-P  
extra-long, spiral-reinforced,  
with adjustable neck  
flange, cuff and minimally  
traumatic insertion system  
Details on page 25/26



REF 425



**TRACOE experc Set vario**  
**extract XL including**  
REF 471-P  
extra-long, with adjustable  
neck flange, cuff,  
subglottic suction line  
and minimally traumatic  
insertion system  
Details on page 25/26



REF 424



**TRACOE experc Set vario**  
**XL including** REF 461-P  
extra-long, with adjustable  
neck flange, cuff and  
minimally traumatic  
insertion system  
Details on page 25/26

## experc Sets *twist*



REF 320

**TRACOE experc Set *twist***  
including **REF 301-P**  
with cuff and minimally  
traumatic inserter  
Details on page 31/40



REF 321



**TRACOE experc Set *twist***  
including **REF 302-P**  
with cuff, fenestrated and  
minimally traumatic inserter  
Details on page 31/40



REF 322

**TRACOE experc Set *twist***  
including **REF 306-P**  
with cuff, subglottic suction  
line and minimally  
traumatic inserter  
Details on page 33/40



REF 888-322



**TRACOE experc Set *twist***  
including **REF 888-306-P**  
with cuff, fenestrated,  
subglottic suction line and  
minimally traumatic inserter  
Details on page 33/40

## experc Sets *twist plus*



REF 330



**TRACOE experc Set *twist plus***  
including **REF 311-P**  
with cuff and minimally  
traumatic insertion system  
Details on page 35/41



REF 331



**TRACOE experc Set *twist plus***  
including **REF 312-P**  
with cuff, double fenestrated  
and minimally traumatic  
insertion system  
Details on page 35/41



REF 332



**TRACOE experc Set *twist plus***  
including **REF 316-P**  
with cuff, subglottic suction  
line and minimally tra-  
umatic insertion system  
Details on page 37/41



REF 888-332



**TRACOE experc Set *twist plus***  
including **REF 888-316-P**  
with cuff, double fenestrated,  
subglottic suction line  
and minimally traumatic  
insertion system  
Details on page 37/41