



PercuTrach® PDT SETS

PDT SETS
(Complete sets for percutaneous dilatational tracheostomy including tracheostomy tube)

Percutaneous dilatational tracheostomy is a standardized method in intensive medical treatment. As alternative for surgical tracheostomy it may be carried out less time-consuming at the bedside in ICU's. The dilated tracheostoma closes spontaneously and long-term cosmetic results are far superior to conventional tracheostomy.

All **Primed®** PDT sets include a dilation set and a matching tracheostomy tube set.

PDT set type 1 includes a dilation set for the Ciaglia dilation technique and an Optima PercuTrach® tracheostomy tube with atraumatic inserter. PDT set type 2 includes a dilation set for the Griggs dilation technique, with tracheal dilating forceps, and an Optima tracheostomy tube.

Our dilation sets are ideally adapted to the use of Optima and Optima PercuTrach® tracheostomy tubes which are available with or without sieving and with or without subglottic suction line.

Dilation sets and tracheostomy tube sets are also available separately.



PRIMED
TRACHEOSTOMY TUBE



Optima PercuTrach® BASIC CUFF

Outer cannula with low-pressure cuff and 15 mm connector

Atraumatic inserter

1 transparent, unfenestrated inner cannula
1 white, unfenestrated, radiopaque inner cannula

STERILE EO

CUFF

STERILE EO

OBTURATOR

NECK STRAP

LUBRICANT GEL

Size	ID _{OC}	ID _{IC}	OD	Length along centre line (OC)	Length along outer bend (OC)	PU	Article number PDT SET TYPE 1
7	7,0 mm	5,4 mm	10,5 mm	70,0 mm	79,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112424
8	8,0 mm	6,4 mm	11,6 mm	75,5 mm	87,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112425
9	9,0 mm	7,4 mm	12,6 mm	81,0 mm	93,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112426

Optima PercuTrach® VOICE CUFF

Sieved outer cannula with low-pressure cuff and 15 mm connector

Atraumatic inserter

1 red, fenestrated inner cannula
1 white, unfenestrated, radiopaque inner cannula

STERILE EO

SPEAK CUFF

STERILE EO

DECANNULATION CAP

PRIMED SPEAKING VALVE

OBTURATOR

NECK STRAP

LUBRICANT GEL

Size	ID _{OC}	ID _{IC}	OD	Length along centre line (OC)	Length along outer bend (OC)	PU	Article number PDT SET TYPE 1
7	7,0 mm	5,4 mm	10,5 mm	70,0 mm	79,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112434
8	8,0 mm	6,4 mm	11,6 mm	75,5 mm	87,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112435
9	9,0 mm	7,4 mm	12,6 mm	81,0 mm	93,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112436

Optima PercuTrach® SUCTION

Outer cannula with low-pressure cuff, subglottic suction function and 15 mm connector

Atraumatic inserter

1 transparent, unfenestrated inner cannula
1 white, unfenestrated, radiopaque inner cannula

STERILE EO

CUFF

SUCTION

STERILE EO

FUNNEL CONNECTOR

OBTURATOR

NECK STRAP

LUBRICANT GEL

Size	ID _{OC}	ID _{IC}	OD	Length along centre line (OC)	Length along outer bend (OC)	PU	Article number PDT SET TYPE 1
7	7,0 mm	5,4 mm	10,5 mm	70,0 mm	79,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112454
8	8,0 mm	6,4 mm	11,6 mm	75,5 mm	87,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112455
9	9,0 mm	7,4 mm	12,6 mm	81,0 mm	93,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112456

Optima PercuTrach® SUCTION VOICE

Sieved outer cannula with low-pressure cuff, subglottic suction function and 15 mm connector

Atraumatic inserter

1 red, fenestrated inner cannula
1 white, unfenestrated, radiopaque inner cannula

STERILE EO

SPEAK CUFF

SUCTION

STERILE EO

FUNNEL CONNECTOR

DECANNULATION CAP

PRIMED SPEAKING VALVE

OBTURATOR

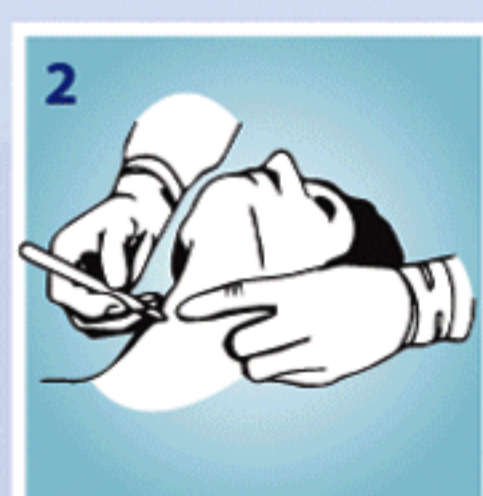
NECK STRAP

LUBRICANT GEL

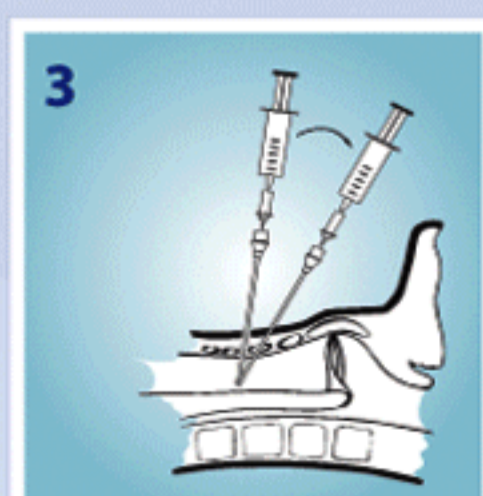
Size	ID _{OC}	ID _{IC}	OD	Length along centre line (OC)	Length along outer bend (OC)	PU	Article number PDT SET TYPE 1
7	7,0 mm	5,4 mm	10,5 mm	70,0 mm	79,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112444
8	8,0 mm	6,4 mm	11,6 mm	75,5 mm	87,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112445
9	9,0 mm	7,4 mm	12,6 mm	81,0 mm	93,0 mm	1 Complete Set (Dilation set I + Optima Percutrach® tracheostomy tube)	112446



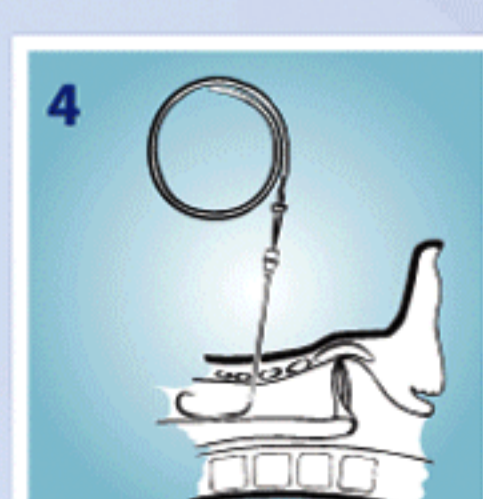
Position patient with hyperextension of neck, cover area around the neck with sterile dressing, disinfect skin



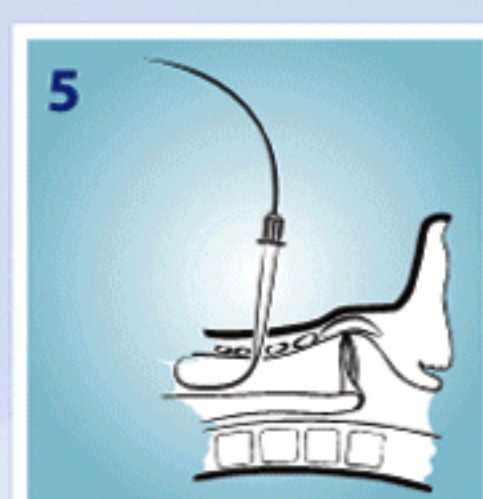
Palpation of neck, sonography (recommended), diaphanoscopy of neck area (obligatory), horizontal incision (1,5-2,0 cm) and blunt preparation up to trachea



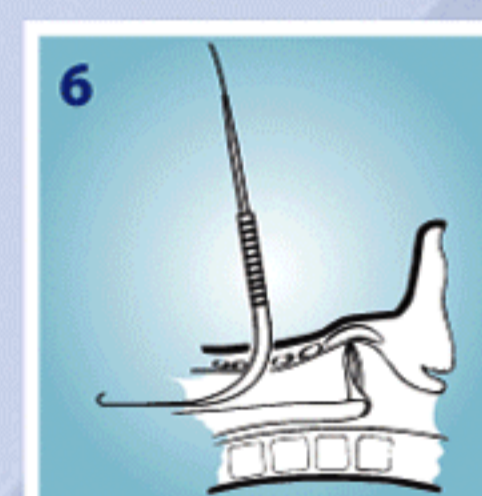
Puncture of trachea



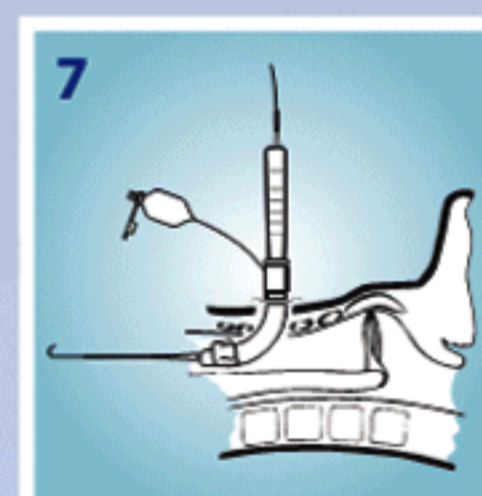
Insertion of guide wire (Seldinger wire)



Pre-dilation of injection canal by predilator, removing of pre-dilator



Moisten dilator. Push dilator with inserted guiding catheter into the trachea via guide wire up to the required size of tracheal orifice. After that, remove dilator.



Place the atraumatic inserter in the tracheostomy tube, coat the cuff which has already been checked for leaks with lubricant gel and introduce it into the trachea orifice via the guiding catheter with guide wire inside. After positioning, remove the atraumatic inserter, guiding catheter and guide wire together.

All The Kits Include :

Pre-dilator
Puncture cannula (14G)
Dilator (hydrophilic coating)
Guiding catheter with safety lock
Guide wire with dispenser
Gauze compresses
Syringe
Scalpel