

Soft and atraumatic tip

Oxygenation

Centimetre markings



X-Changer

Tube exchanger to maintain the airway during tracheal tube exchange

X-Changer



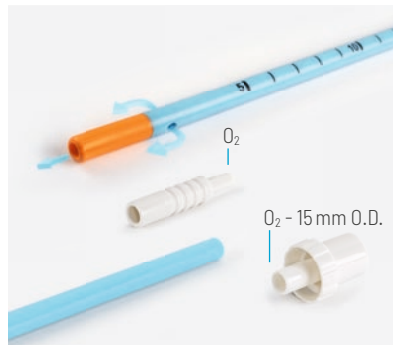
X-Changer is designed to facilitate tracheal tube exchange with the possibility for temporary oxygenation. 3 sizes are available to minimize the gap between I.D. of tracheal tube and O.D. of catheter to avoid impingement upon the arytenoids (1). The catheter is made of soft material for better patient tolerance. When used as placeholder for extubation it can be left in situ until the need for reintubation is deemed unlikely (2, 3). Maintaining airway access increases the probability of success should reintubation of the patient with a difficult airway become necessary (4). The X-Changer can be used to increase the safety of changing tracheal tubes (5).

Features



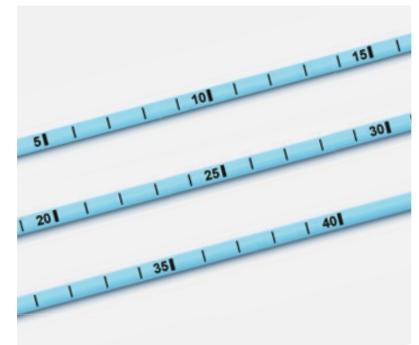
Soft and Atraumatic Tip

- Blunt tip is flexible and atraumatic
- Colour coded for easy size recognition



Oxygenation

- Hollow catheter with lateral openings to deliver oxygen
- Supplied with two types of O₂ Connectors



Centimetre Markings

- For safe determination of the insertion depth
- Allow proper alignment with the tracheal tube

Order information

X-Changer / Two types of O₂ Connectors included, for single use, sterile

Size	Length	Centimetre Markings	For Tracheal Tube	REF	Box
11Fr	80 cm	5 to 40 cm	≥ 4.0 mm I.D.	33-42-800-1	5
14Fr	80 cm	5 to 40 cm	≥ 5.0 mm I.D.	33-41-800-1	5
19Fr	80 cm	5 to 40 cm	≥ 7.0 mm I.D.	33-40-800-1	5

Additional information



Application video



Flyer intubation aids



Annotated bibliography

References

- (1) C. A. Hagberg and J. L. Benumof, Benumof and Hagberg's airway management, 4rd ed. Philadelphia: Elsevier, p. 767, 2018.
- (2) I. Dornberger, Schwieriges Atemwegsmanagement bei Erwachsenen und Kindern, Stuttgart: Thieme, p. 92, 2013.
- (3) C. A. Hagberg and J. L. Benumof, Benumof and Hagberg's airway management, 4rd ed. Philadelphia: Elsevier, p. 768, 2018.
- (4) C. A. Hagberg and J. L. Benumof, Benumof and Hagberg's airway management, 4rd ed. Philadelphia: Elsevier, p. 861, 2018.
- (5) M. Parotto et al., "Extubation of the Challenging or Difficult Airway," Current anesthesiology reports, pp. 1-7, 2020.

This product is manufactured without the use of natural rubber latex, unless otherwise specified.

This product does not contain phthalates which require labelling according to CLP Regulation (EC) 1272/2008.