

Medtronic

Shiley™ flexible adult
tracheostomy tubes

Enhance
patient comfort –
simplify care



Trusted for over 50 years

Over 760 million Shiley™ tracheostomy tubes
used around the world.

Shiley™ adult
tracheostomy
tube



Since 1970

Better fit, greater comfort, easier to use

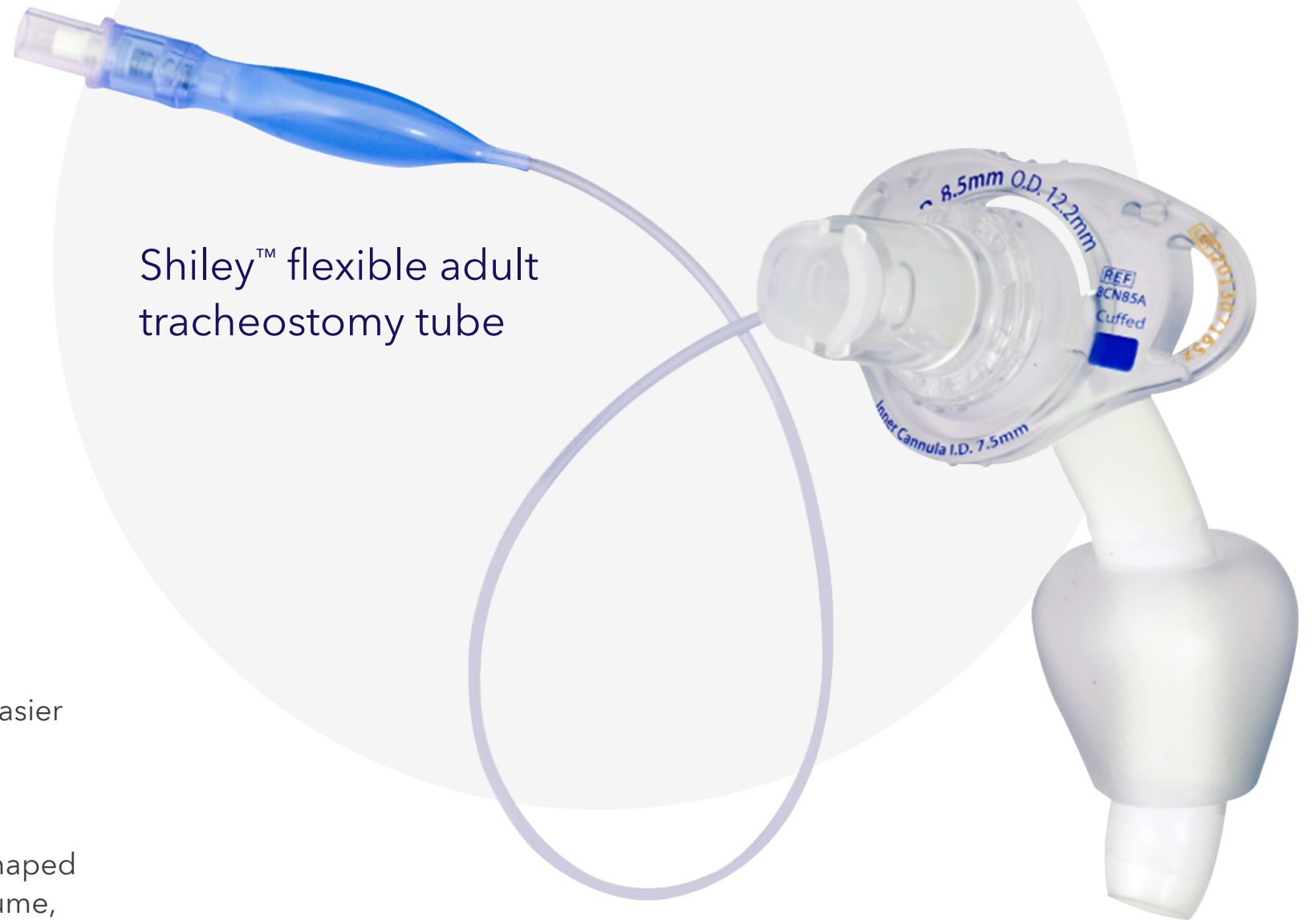
More anatomically correct

The new Shiley™ flexible adult tracheostomy tube is easier to place – and more comfortable for your patient.¹

TaperGuard™ cuff technology

Clinician-inspired enhancements include the taper-shaped TaperGuard™ cuff. The latest development in low-volume, low-pressure cuff design helping you to secure your patient's pathway.

Shiley™ flexible adult
tracheostomy tube



2015 and beyond

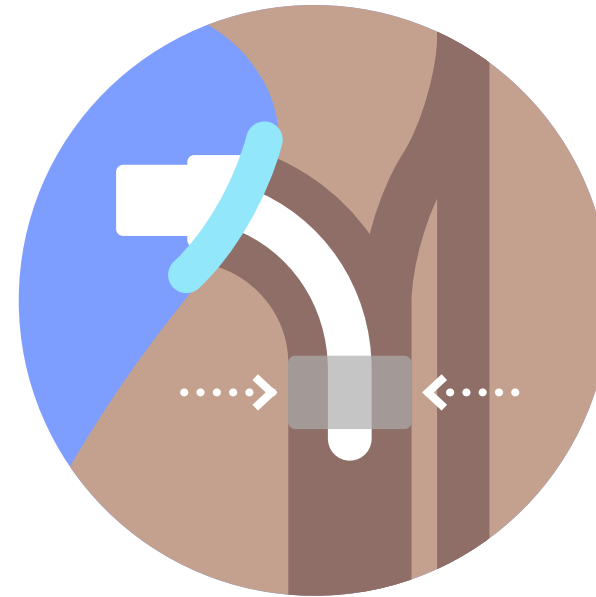
Shiley™ flexible tubes – advanced design



Initial placement

New beveled tip design

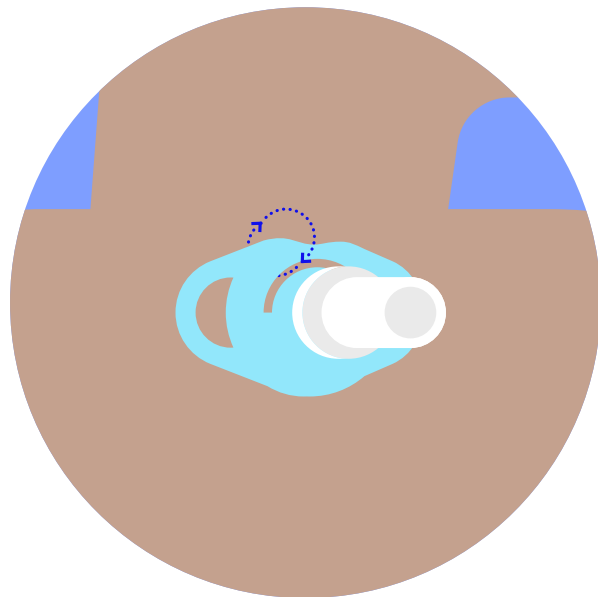
- Reduce insertion force by 39%¹ with a thinner, less bulky cuff
- Eases percutaneous insertion



Trachea and lung protection

TaperGuard™ cuff

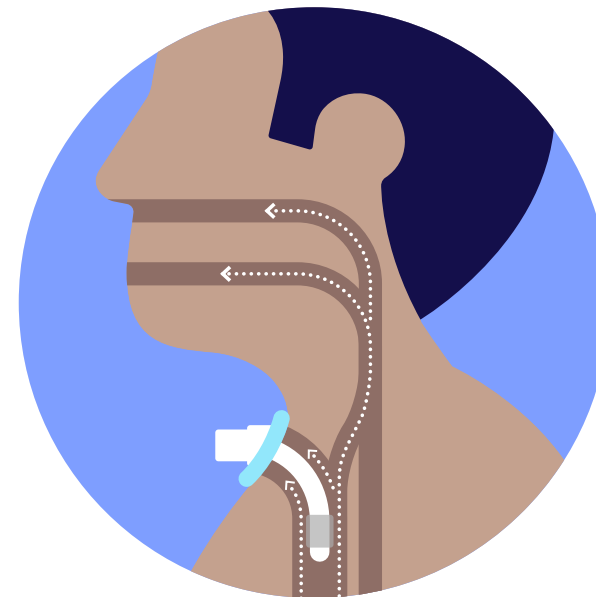
- Reduce fluid leakage by 99%²
- Exert 18.6%³ less lateral wall pressure on the trachea



Skin care

Transparent, soft, flexible flange

- Conform to patient's anatomy
- Promote airflow around stoma
- Reduce skin contact with a recessed flange



Mechanical ventilation and weaning

Faster weaning

- Increase airflow around the outer cannula by an average of 242%¹ when the cuff is deflated
- Titrate ventilator air leak with 65% greater ability with the addition of TaperGuard™ cuff technology⁴

Specification overview

New Shiley™ flexible tubes versus previous

Shiley™ flexible adult tracheostomy tubes with disposable inner cannula

Size		SKU#		Specifications				
Jackson	ISO	Cuffed	Cuffless	Outer cannula inner diameter (mm I.D.)	Inner cannula inner diameter (mm I.D.)	Cannula outer diameter (mm O.D.)	Length (mm)	Cuff resting diameter (mm)
4	6.5	4CN65A	4UN65A	6.5	5.5	9.4	62	20.6
5	7.0	5CN70A	5UN70A	7.0	6.0	10.1	68	23.0
6	7.5	6CN75A	6UN75A	7.5	6.5	10.8	74	25.4
7	8.0	7CN80A	7UN80A	8.0	7.0	11.4	77	25.4
8	8.5	8CN85A	8UN85A	8.5	7.5	12.2	79	26.6
9	9.0	9CN90A	9UN90A	9.0	8.0	12.7	79	27.6
10	10.0	10CN10A	10UN10A	10.0	9.0	13.8	79	28.6

Shiley™ flexible adult tracheostomy tubes with reusable inner cannula

4	6.5	4CN65R	4UN65R	6.5	5.5	9.4	62	20.6
5	7.0	5CN70R	5UN70R	7.0	6.0	10.1	68	23.0
6	7.5	6CN75R	6UN75R	7.5	6.5	10.8	74	25.4
7	8.0	7CN80R	7UN80R	8.0	7.0	11.4	77	25.4
8	8.5	8CN85R	8UN85R	8.5	7.5	12.2	79	26.6
9	9.0	9CN90R	9UN90R	9.0	8.0	12.7	79	27.6
10	10.0	10CN10R	10UN10R	10.0	9.0	13.8	79	28.6

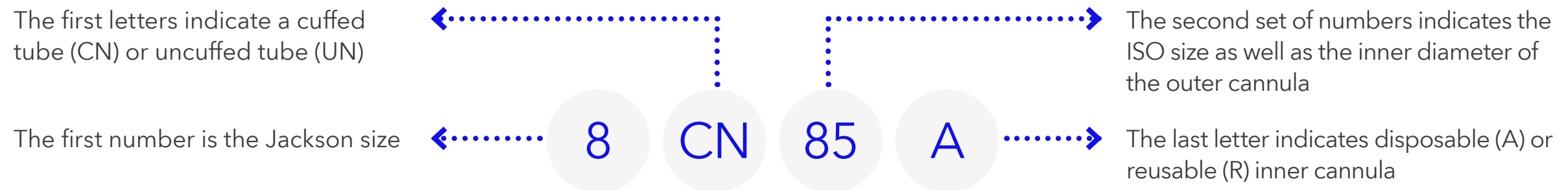
Previous Shiley™ flexible adult tracheostomy tubes with disposable inner cannula

Size		SKU#		Specifications			
Jackson	ISO	Cuffed	Cuffless	Inner cannula inner diameter (mm I.D.)	Outer cannula outer diameter (mm O.D.)	Length (mm)	Cuff resting diameter (mm)
4	6.5	4DCT	4DCFS	5.0	9.4	62	20.0
5	7.0						
6	7.5	6DCT	6DCFS	6.4	10.8	74	24.0
7	8.0						
8	8.5	8DCT	8DCFS	7.6	12.2	79	27.0
9	9.0						
10	10.0	10DCT	10DCFS	8.9	13.8	79	29.0

Previous Shiley™ flexible adult tracheostomy tubes with reusable inner cannula

4	6.5	4LPC	4CFS	5.0	9.4	65	20
5	7.0						
6	7.5	6LPC	6CFS	6.4	10.8	76	24
7	8.0						
8	8.5	8LPC	8CFS	7.6	12.2	81	27
9	9.0						
10	10.0	10LPC	10CFS	8.9	13.8	81	29

Product code logic and sizing for Shiley™ flexible tracheostomy tubes



References

1. Based on internal testing comparing the Shiley™ Flexible adult tracheostomy tube with TaperGuard™ cuff to the Shiley™ DCT tracheostomy tube cuffed.
2. Internal benchtop testing results. Results reflect testing the Shiley™ Flexible adult tracheostomy tube with TaperGuard™ cuff, disposable inner cannula versus the Shiley™ DCT tracheostomy tube with disposable inner cannula at the same cuff pressure of 25 cm H₂O.
3. Internal testing results. Results reflect measurements taken for size 7.5 Shiley™ Flexible adult tracheostomy tube compared to the Shiley™ 6DCT tracheostomy tube at the same cuff pressure of 20 cm H₂O.
4. Internal benchtop testing results. Results reflect the Shiley™ Flexible adult tracheostomy tube with TaperGuard™ cuff, disposable inner cannula tubes ability to titrate / control ventilator air leak in comparison to the Shiley™ tracheostomy tube cuffed with disposable inner cannula (DCT).
5. Mullins JB, Templer JW, Kong J, et al. Airway resistance and work of breathing in tracheostomy tubes *Laryngoscope*.1993;103(12):1367-1372.

Important: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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[medtronic.co.uk/pmri](https://www.medtronic.co.uk/pmri)



View the Shiley™ flexible tracheostomy tube in-service training video.