

# Medtronic

Engineering the extraordinary

Shiley™ flexible adult tracheostomy tubes†

## Enhance patient comfort – simplify care



†Licensed as Shiley Adult Flexible Tracheostomy Tube Cuffless Reusable Inner Cannula, Shiley Adult Flexible Tracheostomy Tube with TaperGuard Cuff Reusable Inner Cannula, Shiley Adult Flexible EVAC Tracheostomy Tube with TaperGuard Cuff, Shiley Adult Flexible Tracheostomy Tube XLT.

# Trusted for over 50 years

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

Shiley™ adult  
tracheostomy  
tube



Better fit,  
greater  
comfort,  
easier to use



Shiley™ flexible adult  
tracheostomy tube

**More anatomically correct**

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

**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.

2015 and beyond

# Shiley™ flexible tubes – advanced design



## Initial placement

### New beveled tip design

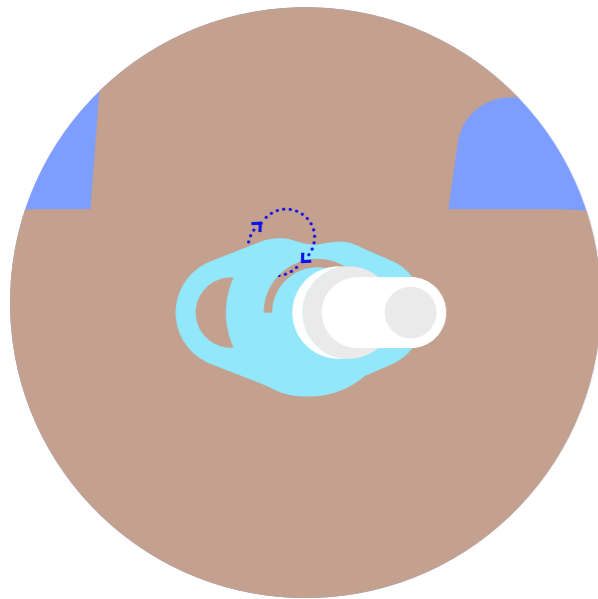
- Reduce insertion force by 39%<sup>1</sup> with a thinner, less bulky cuff
- Eases percutaneous insertion



## Trachea and lung protection

### TaperGuard™ cuff

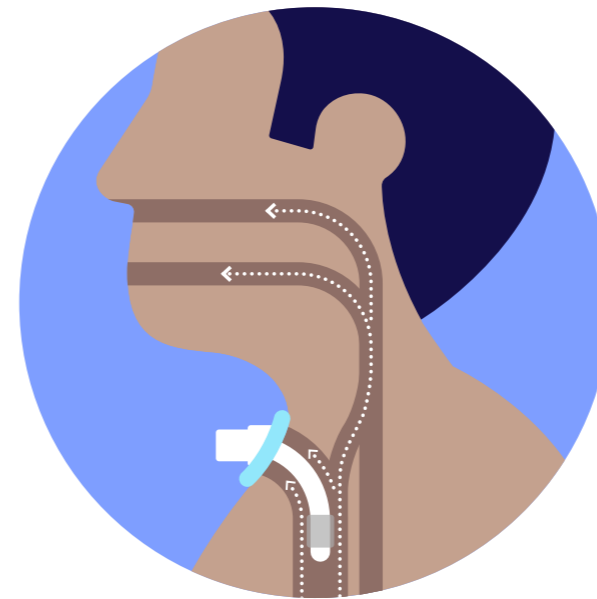
- Reduce fluid leakage by 99%<sup>2</sup>
- Exert 18.6%<sup>3</sup> less lateral wall pressure on the trachea



## 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%<sup>1</sup> when the cuff is deflated
- Titrate ventilator air leak with 65% greater ability with the addition of TaperGuard™ cuff technology<sup>4</sup>

# Specification overview

New Shiley™ flexible tubes versus previous

## Updated product reference codes

Shiley™ flexible adult tracheostomy tubes with disposable inner cannulae formerly ended with the letter H (for example, 4CN65H). They now end with the letter A (for example, 4CN65A). This update aligns with global product reference codes, which helps to streamline manufacturing and support inventory health. There is no change to the product reference code for the reusable product version, which ends with the letter R (for example, 4CN65R).

## Shiley™ flexible adult tracheostomy tubes with disposable inner cannula

Size		SKU#			Specifications				
Jackson	ISO	Cuffed	Cuffless	Inner Cannula†	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	4IC65†	6.5	5.5	9.4	62	20.6
5	7.0	5CN70A	5UN70A	5IC70†	7.0	6.0	10.1	68	23.0
6	7.5	6CN75A	6UN75A	6IC75†	7.5	6.5	10.8	74	25.4
7	8.0	7CN80A	7UN80A	7IC80†	8.0	7.0	11.4	77	25.4
8	8.5	8CN85A	8UN85A	8IC85†	8.5	7.5	12.2	79	26.6
9	9.0	9CN90A	9UN90A	9IC90†	9.0	8.0	12.7	79	27.6
10	10.0	10CN10A	10UN10A	10IC10†	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

†Licensed as Shiley Inner Cannula Disposable.

‡Licensed as Shiley Adult Flexible Tracheostomy Tube with TaperGuard Cuff Reusable Inner Cannula.

§Licensed as Shiley Adult Flexible Tracheostomy Tube Cuffless Reusable Inner Cannula.

## 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

†Licensed as Shiley Disposable Cannula Tracheostomy Tube.

‡Licensed as Shiley Tracheostomy Tube Cuffless with Disposable Inner Cannula.

§Licensed as Shiley Tracheostomy Tube Cuffed with Inner Cannula.

∅Licensed as Shiley Laryngectomy Tube.

## Product code logic and sizing for Shiley™ flexible tracheostomy tubes



For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use.

### 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 H<sub>2</sub>O.
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 H<sub>2</sub>O.
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).