

**Medtronic**

Quick  
reference  
guide

# Airway management products

Shiley™ endotracheal tubes

McGRATH™ MAC video laryngoscope



Ordering information

Description	Qty per box	Size (mm) and CFN				
		Pediatric				
		2.0	2.5	3.0	3.5	4.0
Ventilator-associated pneumonia (VAP) reduction						
Shiley™ evac oral ETT with TaperGuard™ cuff, Murphy eye	10					
Shiley™ evac oral ETT with TaperGuard™ cuff, Murphy eye, and pre-loaded stylet	10					
Shiley™ evac endotracheal tube with SealGuard™ cuff, Murphy eye	10					
Basic cuffed						
Shiley™ oral/nasal ETT with TaperGuard™ cuff, Murphy eye, and pre-loaded stylet	10					
Shiley™ oral/nasal ETT with TaperGuard™ cuff, Murphy eye	10					
Shiley™ pediatric oral/nasal ETT with TaperGuard™ cuff	10		86125-RI	86130-RI	86135-RI	86140-RI
Shiley™ Hi-Lo oral/nasal ETT, intermediate, cuffed, Murphy eye	10			86442	86443	86444
Shiley™ Hi-Lo oral/nasal ETT, cuffed, hooded Murphy tip, Murphy eye	10					
Basic cuffless						
Shiley™ oral/nasal ETT, cuffless, Murphy eye	10	86232	86233	86234	86235	86236
RAE cuffed and cuffless						
Shiley™ oral RAE ETT with TaperGuard™ cuff, Murphy eye	10					
Shiley™ oral RAE ETT with Hi-Lo cuff, Murphy eye	10					86209
Shiley™ nasal RAE ETT with TaperGuard™ cuff, Murphy eye	10					
Specialty cuffed and cuffless						
Shiley™ oral/nasal reinforced ETT, cuffed, Murphy eye	5					
Shiley™ oral/nasal reinforced ETT, cuffless, Magill tip	5		86541	86542	86543	86544
Shiley™ laser oral ETT, dual-cuffed, Murphy eye	5					
Shiley™ laser ETT, cuffless, Magill tip	5			86400	86401	86402
Shiley™ microlaryngeal oral/nasal ETT, cuffed, Murphy eye	10					86385

Size (mm) and CFN											
Pediatric			Adult								
4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10
			18860	18865	18870	18875	18880	18885	18890		
			18860S	18865S	18870S	18875S	18880S	18885S	18890S		
			110860	110865	110870	110875	110880	110885	110890		
	18750S	18755S	18760S	18765S	18770S	18775S	18780S	18785S	18790S	18795S	18710S
	18750	18755	18760	18765	18770	18775	18780	18785	18790	18795	18710
86145-RI	86150-RI	86155-RI	86160-RI								
86445	86446	86447	86448	86449	86450	86451	86452	86453	86454	86455	86456
	86107	86108	86109	86110	86111	86112	86113	86114	86115		86117
86237	86238	86239	86240	86241	86242						
	76251	76255	76260	76265	76270	76275	76280	76285	76290		
86199											
			96360	96365	96370	96375	96380				
			86548	86549	86550	86551	86552	86553	86554	86555	
86545	86546	86547									
86397	86394	86395	86398								
	86387		86389								

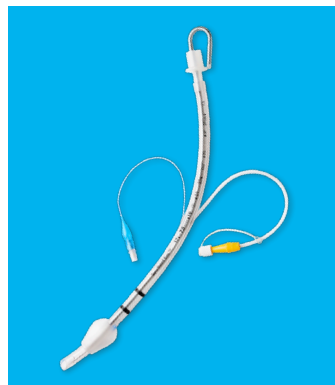
Ordering information (cont’d.)

Description	Qty per box	Size (mm) and CFN		
		24	26	28
Endobronchial tubes				
Shiley™ endobronchial tube, left, with polyurethane cuff	1			125028
Shiley™ endobronchial tube, left, with polyurethane cuff, and carinal hook	1			
Shiley™ endobronchial tube, left, with polyurethane cuff, and CPAP system	1			125128
Shiley™ endobronchial tube, right, with polyurethane cuff	1			
Shiley™ endobronchial tube, right, with polyurethane cuff, and CPAP system	1			
CPAP system for dual-lumen endotracheal tube (catalog no. 85006)	5			
Accessories				
Shiley™ nasopharyngeal airway	10	8888-247015	8888-247023	8888-247031

Description	Qty per box	Size (mm)	CFN
McGRATH™ MAC video laryngoscope			
Handle	1	N/A	301-000-000
McGRATH™ MAC blade size 1	50	1.0	350-072-000
McGRATH™ MAC blade size 2	50	2.0	350-017-000
McGRATH™ MAC blade size 3	50	3.0	350-005-000
McGRATH™ MAC blade size 4	50	4.0	350-013-000
McGRATH™ MAC X blade size 3	10	3.0	X3-003-000
250-minute battery pack	1	N/A	340-000-000
Carry case	1	N/A	300-000-100

Size (mm) and CFN						
30	32	34	35	37	39	41
	125032		125035	125037	125039	125041
			125235	125237	125239	125241
	125132		125135	125137	125139	125141
			126035	126037	126039	126041
			126135	126137	126139	126141
8888-247049	8888-247056	8888-247064				

## Product details



### Shiley™ evac oral ETT with TaperGuard™ cuff and pre-loaded stylet

Incorporates Shiley™ evac technology, known as subglottic secretion drainage (SSD), which may help reduce the instance of VAP.<sup>1</sup> Incorporates the TaperGuard™ cuff shown to reduce microaspiration by an average of 90% compared to the Shiley™ Hi-Lo cuff.<sup>2,†</sup>



### Shiley™ evac endotracheal tube with SealGuard™ cuff

Features a subglottic secretion drainage lumen and suction port, which may reduce the risk of respiratory infection during long-term ventilation.<sup>3</sup> Incorporates SealGuard™ cuff, tip-to-tip x-ray line, and hooded tip with Murphy eye.



### Shiley™ pediatric oral/nasal ETT with TaperGuard™ cuff

Features a low-volume, low-pressure TaperGuard™ cuff and no Murphy eye, enabling the cuff to be located more distally on the ETT. Designed specifically to meet the anatomical needs of pediatric patients.



### Shiley™ Hi-Lo oral/nasal ETT, intermediate, cuffed

Incorporates a high-volume, low-pressure, barrel-shaped cuff. With tip-to-tip x-ray line, Murphy eye, and optional hooded tip configuration.



### Shiley™ oral/nasal ETT with TaperGuard™ cuff and pre-loaded stylet

Incorporates TaperGuard™ cuff technology, hooded tip with Murphy eye, and tip-to-tip x-ray line. The pre-loaded stylet gives you the tools you need in one sterile, easy-to access pack – no pre-loading necessary.



### Shiley™ oral/nasal ETT with TaperGuard™ cuff

Unique taper-shaped cuff shown to reduce microaspiration by an average of 90% compared to the Shiley™ Hi-Lo cuff.<sup>2,†</sup>



### Shiley™ oral/nasal ETT, cuffless

Tubes feature distal tip reference marks and depth marks every centimeter to assist placement. Available in precut lengths. Smooth hooded tip with Murphy eye.



### Shiley™ oral RAE ETT with TaperGuard™ cuff

Preformed curve design intended to reduce kinks and disconnects, maintain a patent airway, and position the circuits and connectors away from the surgical field. Features TaperGuard™ cuff technology.

†Based on internal benchtop testing.



### Shiley™ nasal RAE ETT with TaperGuard™ cuff

Preformed curve design positions circuits and connectors away from the surgical field without needing to bend or kink standard straight endotracheal tubes.



### Shiley™ oral/nasal reinforced ETT, cuffed

A metal-reinforced spiral – encapsulated in the wall of the tube – reduces the risk of kinking and maintains patent airway when patient's head and neck are extended or flexed, or when patient will be moved. Featuring a high-volume, low-pressure cuff and a Murphy eye.



### Shiley™ laser ETT, cuffless

Laser-resistant, nonflammable, flexible stainless steel tube for ventilation during CO<sub>2</sub> and KTP laser surgery of the laryngeal/tracheal area. Airtight steel spiral design, cuffless, with Magill tip. Beams reflected from tube are defocused to help protect surrounding tissue.



### Shiley™ microlaryngeal oral/nasal ETT

Provides greater access to surgical field during microlaryngeal surgical procedures. Standard tube internal and outside diameters, with longer tube length, and Murphy eye.



### Shiley™ oral/nasal reinforced ETT, cuffless

Highly flexible silicone tube material and reinforcement within the tube wall to help prevent kinking. Magill tip, with markings on both sides of the tip.



### Shiley™ laser oral ETT, dual-cuffed

Airtight, laser-resistant, nonflammable, flexible stainless steel tube for ventilation during CO<sub>2</sub> and KTP laser surgery of the laryngeal/tracheal area. Beams reflected from tube are defocused to help protect surrounding tissue. Features dual-cuffs of extra large diameter with individual inflation lines, and Murphy eye.



### Shiley™ endobronchial tube, left or right

For independent ventilation of either lung. Polyurethane endotracheal cuff is designed to reduce the risk of tearing during intubation.<sup>†</sup> Available in left, right, and left with carinal hook styles.



### Shiley™ endobronchial tube, left or right, with CPAP system

CPAP improves oxygenation during one-lung anesthesia.<sup>4</sup> Adjustable valve provides pressure settings from 1–10 cm H<sub>2</sub>O. Complete, ready-to-use system includes anesthesia bag. Available in left and right configurations.



**Intubating stylets**

Facilitate intubation of endotracheal tubes, includes 20 per box.

Size	CFN
6 Fr	85863
10 Fr	85864
14 Fr	85865



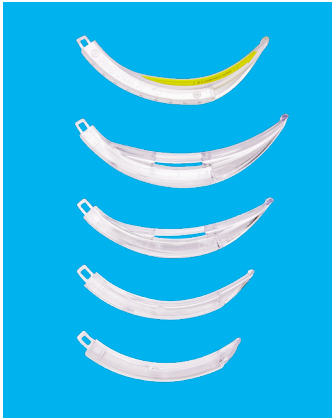
**Shiley™ nasopharyngeal airway**

Provides an open airway during suctioning and bronchoscopy. Soft material helps minimize patient coughing and gagging. Protects mucosa for repeated catheter passage.



**McGRATH™ MAC video laryngoscope**

A single handheld device that combines the benefits of direct laryngoscopy and the familiar technique of a Macintosh laryngoscope with video laryngoscope technology.



**McGRATH™ MAC blades**

Disposable, sterile blades for the McGrath™ MAC video laryngoscope. Available in blade size 1, blade size 2, blade size 3, blade size 4, and X blade size 3.



**McGRATH™ MAC battery pack**


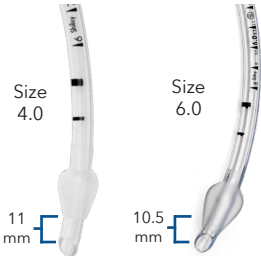
250-minute battery pack for the McGrath™ MAC video laryngoscope.



**McGRATH™ MAC carry case**

Carry case for the McGrath™ MAC video laryngoscope.

# TaperGuard™ cuff overview

<h2>TaperGuard™ cuff</h2> <h3>Shiley™ adult oral/nasal ETT with TaperGuard™ cuff, Murphy eye</h3> <p>The adult TaperGuard™ cuff is a low volume, low pressure cuff. Compared to the traditional barrel-shaped cuff, it:</p> <ul style="list-style-type: none"><li>• Requires a lower volume of air to fill the cuff</li><li>• Seals the airway by filling the tracheal lumen rather than exerting high pressure on the surrounding tissue</li></ul>	<p>Size 6.0</p> 
<h3>Shiley™ pediatric oral/nasal ETT with TaperGuard™ cuff, no Murphy eye</h3> <p>The shortened pediatric TaperGuard™ cuff is located closer to the tube tip,<sup>†</sup> which:</p> <ul style="list-style-type: none"><li>• Addresses the shorter distance between the vocal cords and carina in pediatric airways</li><li>• Helps ensure the cuff is reliably placed within the trachea</li><li>• Decreases pressure on the laryngeal wall</li><li>• Reduces the risk of endobronchial intubation</li></ul>	



Scan the QR code to learn more or contact your local Medtronic representative.

For trained personnel only. For specific indications and instructions for use, please refer to the IFU.  
<sup>†</sup>Compared to the adult version of the product

1. Pozuelo-Carrascosa, D. P., Herráiz-Adillo, N., Alvarez-Bueno, C., Añón, J. M., Martínez-Vizcaíno, V., & Caverio-Redondo, I. (2020). Subglottic secretion drainage for preventing ventilator-associated pneumonia: an overview of systematic reviews and an updated meta-analysis. *European Respiratory Review*, 29(155), 190107. <https://doi.org/10.1183/16000617.0107-2019>
2. Shiley™ TaperGuard™ endotracheal tube and Shiley™ TaperGuard™ Evac endotracheal tube 510(k)#090352 benchtop testing.
3. Muscedere J, Rewa O, McKechnie K, Jiang X, Laporta D, Heyland DK. Subglottic secretion drainage for the prevention of ventilator-associated pneumonia: a systematic review and meta-analysis. *Crit Care Med*. 2011;39(8):1985-1991.
4. Kremer, R., Aboud, W., Haberfeld, O., Armali, M., & Barak, M. (2019). Differential lung ventilation for increased oxygenation during one lung ventilation for video assisted lung surgery. *Journal of Cardiothoracic Surgery*, 14(1). <https://doi.org/10.1186/s13019-019-0910-2>

