

FLEX-TIP® TECHNOLOGY



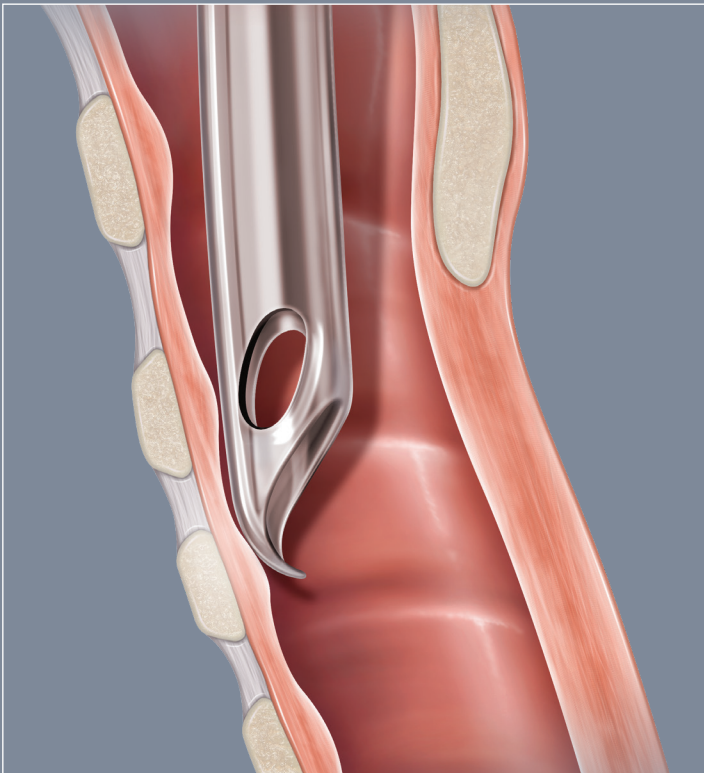
FLEX-TIP® TECHNOLOGY

For almost 30 years, Dr. Jeff Parker did many intubations as a Critical Care physician. Over this time, however, he noticed that intubation was frequently slow, difficult, and often traumatic, even when performed by experienced anesthesiologists. Since nobody had identified the origin of these problems, Dr. Parker set out to determine the root cause of these unfortunate outcomes. His research identified the forward tips of standard endotracheal tubes as the underlying cause of most of these problems. To eliminate intubation difficulties and airway trauma, he completely redesigned the tips of standard endotracheal tubes. The result is the revolutionary Flex-Tip® Endotracheal Tube. Independent clinical studies demonstrate significant clinical advantages over standard tubes.^{1,2}

FLEX-TIP®
Endotracheal Tube Tip



STANDARD
Endotracheal Tube Tip



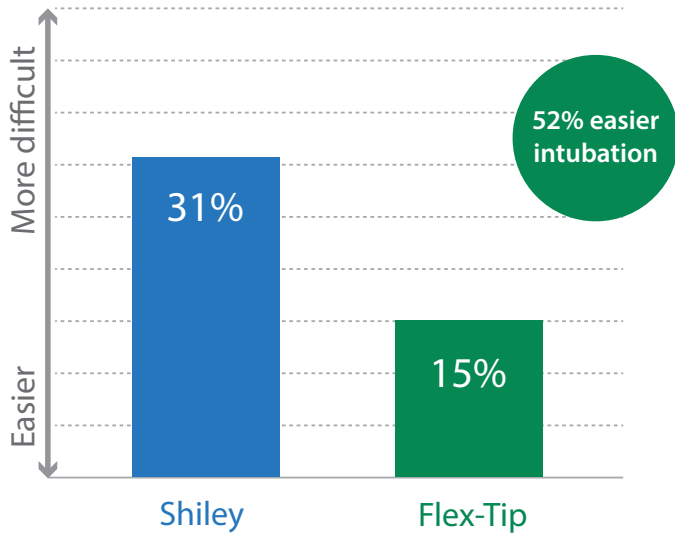
A unique, patented design that helps avoid airway collisions, providing a smooth and easy intubation.

- Atraumatic Flex-Tip reduces the incidence of airway collision
- Soft, flexible, rounded tips glide through airway anatomy
- Centered tip prevents trauma to the airway
- Tip closely hugs intubation guides, introducers, and stylets

CLINICALLY-PROVEN INTUBATION EXPERIENCE

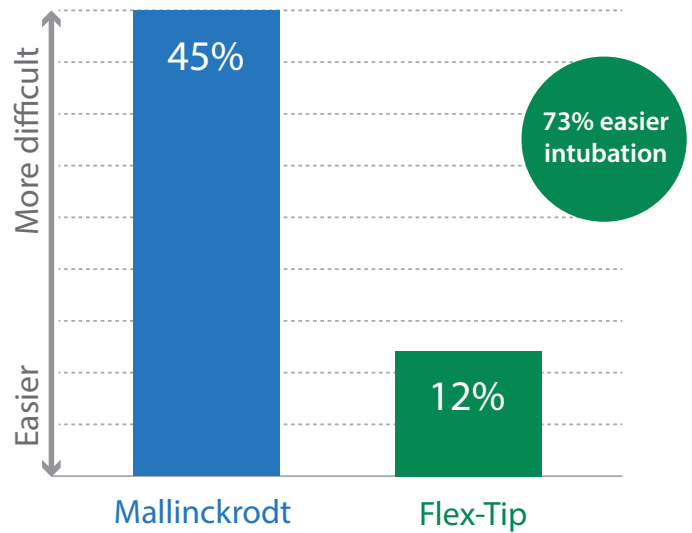
CLINICAL STUDIES SUGGEST SMOOTHER INTUBATIONS ACROSS A RANGE OF SITUATIONS^{1,2}

EASE OF INTUBATION



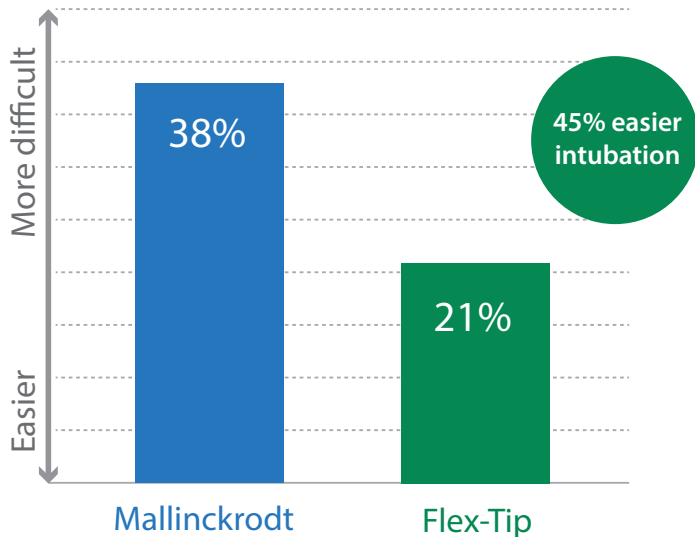
For all non-difficult airway patients intubated with GlideScope¹

EASE OF INTUBATION



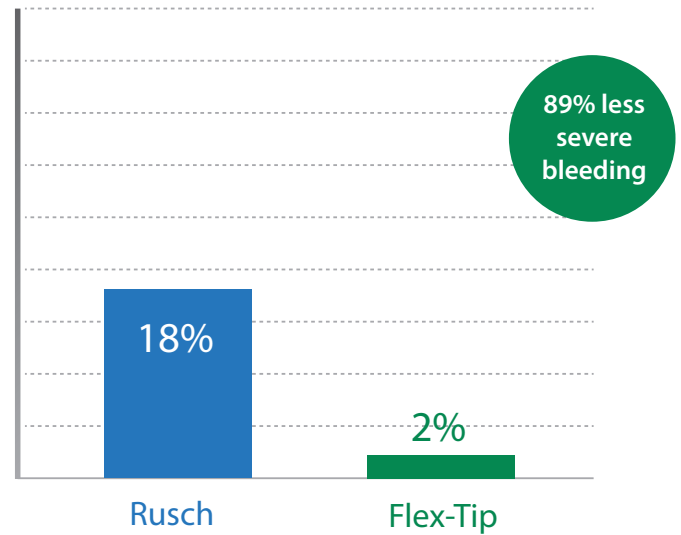
For non-difficult airway patients intubated with GlideScope where airway was difficult to visualize^{1,a}

EASE OF INTUBATION



For non-difficult airway patients intubated with GlideScope without paralysis^{1,b}

PATIENTS WITH SEVERE BLEEDING



For nasotracheal intubation of non-difficult airway patients²

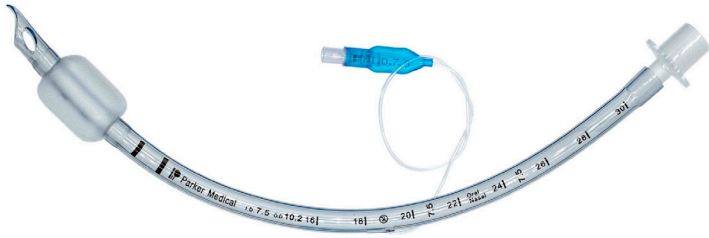
a. Cormack-Lehane (CL) score. 2 indicates only partial view of glottis or arytenoid cartilage.

b. Partial paralysis included any cases with muscle twitches measured using nerve stimulator with train-of-four stimuli.

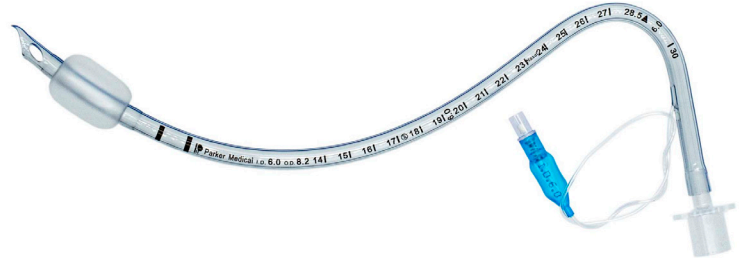
FLEX-TIP® FAMILY OF PRODUCTS

A wide range of shapes and sizes to accommodate a variety of pediatric and adult patients

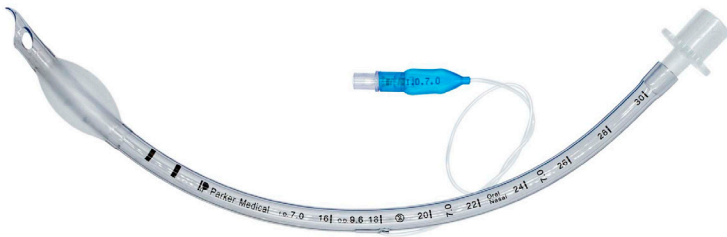
High Volume Low Pressure, Cuffed (PFHV)
4.0 – 9.5 mm



Preformed, Nasal, Cuffed (PFNC)
4.0 – 9.0 mm



Low Profile, Cuffed (PFLP)
4.0 – 9.5 mm



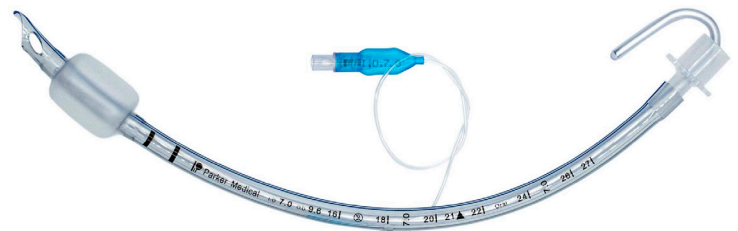
Preformed, Nasal, Uncuffed (PFNU)
3.0 – 7.0 mm



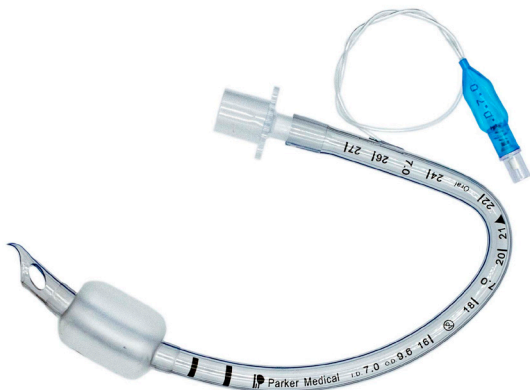
Uncuffed (PFUO)
2.5 – 7.0 mm



Tracheal Tube with Malleable Stylet
High Volume Low Pressure, Cuffed (PFST)
4.0 – 9.5 mm



Preformed, Oral, Cuffed (PFOC)
4.0 – 9.0 mm



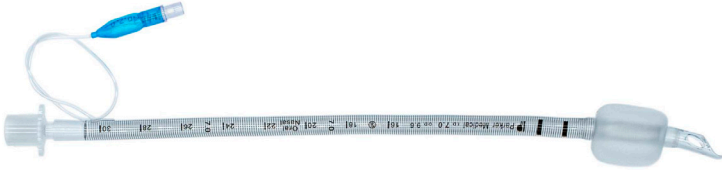
Preformed, Oral, Uncuffed (PFOU)
3.0 – 9.0 mm



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A wide range of shapes and sizes to accommodate a variety of pediatric and adult patients

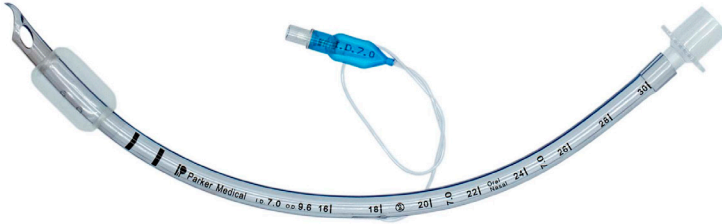
Reinforced, Cuffed (PFRC)
5.5 – 9.5 mm



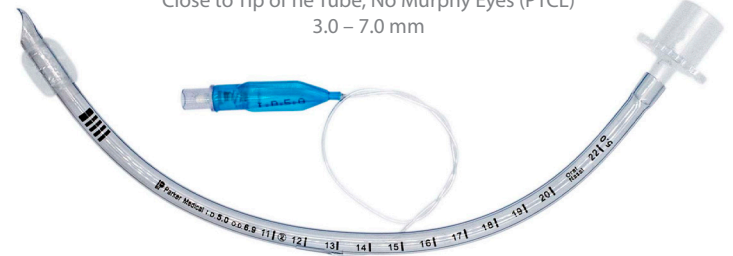
Reinforced, Uncuffed (PFRU)
3.0 – 5.0 mm



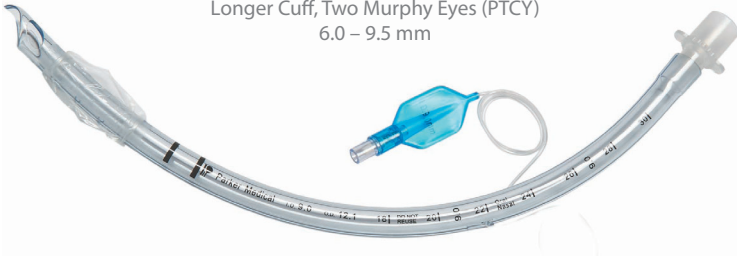
Easy Curve Articulating Tube, Cuffed (PFEC)
5.0 mm, 6.0 mm, 7.0 mm, 8.0 mm



Magill-Type, ThinCuff Shorter Cuff,
Close to Tip of the Tube, No Murphy Eyes (PTCL)
3.0 – 7.0 mm



Murphy-Type, ThinCuff
Longer Cuff, Two Murphy Eyes (PTCY)
6.0 – 9.5 mm



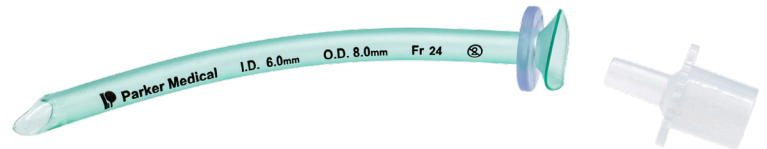
Microlaryngeal, Cuffed (PMLT)
4.0 mm, 5.0 mm, 6.0 mm



Laryngeal Mask Device,
Disposable, 100% Silicone
PLMD (Standard)
PLMDR (Reinforced)
Sizes 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0



Nasopharyngeal Airway (NPA)
12 – 36 Fr



INTUBATING STYLET

Malleable Metal Intubation Stylet (STLT)

Aluminum stylet enclosed in PVC sheath with blunt ends to reduce risk of trauma
Available in three sizes: 6 Fr, 10 Fr, and 14 Fr



FLEX-TIP® ENDOTRACHEAL AND MICROLARYNGEAL TUBES

SIZE	2.5 mm	3.0 mm	3.5 mm	4.0 mm	4.5 mm
High Volume Low Pressure, Cuffed (PFHV)				H-PFHV-40	H-PFHV-45
Low Profile, Cuffed (PFLP)		H-PFLP-30	H-PFLP-35	H-PFLP-40	H-PFLP-45
Uncuffed (PFUO)	H-PFUO-25	H-PFUO-30	H-PFUO-35	H-PFUO-40	H-PFUO-45
Preformed, Nasal, Cuffed (PFNC)				H-PFNC-40	H-PFNC-45
Preformed, Nasal, Uncuffed (PFNU)		H-PFNU-30	H-PFNU-35	H-PFNU-40	H-PFNU-45
Preformed, Oral, Uncuffed (PFOU)		H-PFOU-30	H-PFOU-35	H-PFOU-40	H-PFOU-45
Preformed, Oral, Cuffed (PFOC)				H-PFOC-40	H-PFOC-45
Reinforced, Uncuffed (PFRU)		H-PFRU-30	H-PFRU-35	H-PFRU-40	H-PFRU-45
Reinforced, Cuffed (PFRC)					
Polyurethane ThinCuff, DEHP-free tubing, Magill Style, Cuffed (PTCL)		H-PTCL-30	H-PTCL-35	H-PTCL-40	H-PTCL-45
Polyurethane ThinCuff, DEHP-free tubing, Murphy Style, Cuffed (PTCY)					
Articulating Cord, Cuffed (PFEC)					
High Volume Low Pressure, Cuffed (PFST), pre-loaded with sheathed malleable aluminum sty				H-PFST-40	H-PFST-45
Microlaryngeal (PMLT)				H-PMLT-40	

LARYNGEAL MASK DEVICE

DISPOSABLE SILICONE ITEM	DISPOSABLE SILICONE, WIRE REINFORCED ITEM	SIZE	PK
H-PLMD-10	H-PLMDR-10	1.0 mm	5
H-PLMD-15	H-PLMDR-15	1.5 mm	5
H-PLMD-20	H-PLMDR-20	2.0 mm	5
H-PLMD-25	H-PLMDR-25	2.5 mm	5
H-PLMD-30	H-PLMDR-30	3.0 mm	5
H-PLMD-40	H-PLMDR-40	4.0 mm	5
H-PLMD-50	H-PLMDR-50	5.0 mm	5

INTUBATING STYLETS

ITEM	O.D.	SIZE	PK
H-STLT-6	2.0 mm	6 Fr	20
H-STLT-10	3.3 mm	10 Fr	20
H-STLT-14	4.7 mm	14 Fr	20

NASOPHARYNGEAL AIRWAY WITH FLEX-TIP®

ITEM	SIZE	O.D.	I.D.	PK
H-NPA-12	12 Fr	4.0 mm	3.0 mm	10
H-NPA-14	14 Fr	4.7 mm	3.5 mm	10
H-NPA-16	16 Fr	5.3 mm	4.0 mm	10
H-NPA-18	18 Fr	6.0 mm	4.5 mm	10
H-NPA-20	20 Fr	6.7 mm	5.0 mm	10
H-NPA-22	22 Fr	7.3 mm	5.5 mm	10
H-NPA-24	24 Fr	8.0 mm	6.0 mm	10
H-NPA-26	26 Fr	8.7 mm	6.5 mm	10
H-NPA-28	28 Fr	9.3 mm	7.0 mm	10
H-NPA-30	30 Fr	10.0 mm	7.5 mm	10
H-NPA-32	32 Fr	10.7 mm	8.0 mm	10
H-NPA-34	34 Fr	11.3 mm	8.5 mm	10
H-NPA-36	36 Fr	12.0 mm	9.0 mm	10

5.0 mm	5.5 mm	6.0 mm	6.5 mm	7.0 mm	7.5 mm	8.0 mm	8.5 mm	9.0 mm	9.5 mm	PK
H-PFHV-50	H-PFHV-55	H-PFHV-60	H-PFHV-65	H-PFHV-70	H-PFHV-75	H-PFHV-80	H-PFHV-85	H-PFHV-90	H-PFHV-95	10
H-PFLP-50	H-PFLP-55	H-PFLP-60	H-PFLP-65	H-PFLP-70	H-PFLP-75	H-PFLP-80	H-PFLP-85	H-PFLP-90	H-PFLP-95	10
H-PFUO-50	H-PFUO-55	H-PFUO-60	H-PFUO-65	H-PFUO-70						10
H-PFNC-50	H-PFNC-55	H-PFNC-60	H-PFNC-65	H-PFNC-70	H-PFNC-75	H-PFNC-80	H-PFNC-85	H-PFNC-90		5
H-PFNU-50	H-PFNU-55	H-PFNU-60	H-PFNU-65	H-PFNU-70						5
H-PFOU-50	H-PFOU-55	H-PFOU-60	H-PFOU-65	H-PFOU-70	H-PFOU-75	H-PFOU-80	H-PFOU-85	H-PFOU-90		10
H-PFOC-50										10
H-PFRU-50	H-PFRC-55	H-PFRC-60	H-PFRC-65	H-PFRC-70	H-PFRC-75	H-PFRC-80	H-PFRC-85	H-PFRC-90	H-PFRC-95	5
										5
H-PTCL-50	H-PTCL-55	H-PTCL-60	H-PTCL-65	H-PTCL-70						10
		H-PTCY-60	H-PTCY-65	H-PTCY-70	H-PTCY-75	H-PTCY-80	H-PTCY-85	H-PTCY-90	H-PTCY-95	10
H-PFEC-50		H-PFEC-60		H-PFEC-70		H-PFEC-80				10
H-PFST-50	H-PFST-55	H-PFST-60	H-PFST-65	H-PFST-70	H-PFST-75	H-PFST-80	H-PFST-85	H-PFST-90	H-PFST-95	10
H-PMLT-50		H-PMLT-60								10





CALL 800-433-2797 | VISIT www.Sun-Med.com | EMAIL info@Sun-Med.com