Boston
Medical Products
a bess group company

Groundbreaking solutions.
From physicians for physicians.

Though much has changed at Boston Medical Products over the past 40 years, one thing remains constant: our commitment to deliver the world's finest specialty surgical products — products that ENT physicians can rely on and patients can trust.

1980 — 2020
40
YEARS
OF
Groundbreaking solutions

Boston Medical Products was founded in 1980 by three physicians - including world-renowned surgeon **William W. Montgomery, M.D.** as a way to make Dr. Montgomery's original innovations widely available to fellow physicians.

Today, Boston Medical Products continues to be driven by his life-long commitment to superior patient care.

William W. Montgomery, M.D. 1923–2003

Office, production and warehouse in Shrewsbury, Massachussetts

Boston Medical Products is the only manufacturer in the world authorized to produce Montgomery® brand products.

Simplicity, ease of use by physicians, and patient comfort have been the hallmarks of our innovations from the Montgomery® Safe-T-Tube, originally patented in 1973, to the Montgomery® Thyroplasty System.

The
original Montgomery®
brand

Unmatched Physician and Patient Support

We support our customers through our highly trained Customer Service Team, who are ready to answer technical questions, assist with ordering, and ensure timely delivery.

Boston
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Since 2007 Boston Medical Products, Inc. has been part of bess group in Berlin, Germany – a family-owned and managed medical device company with more than 30 years of expertise in medical device technology.

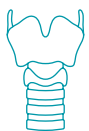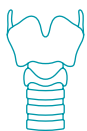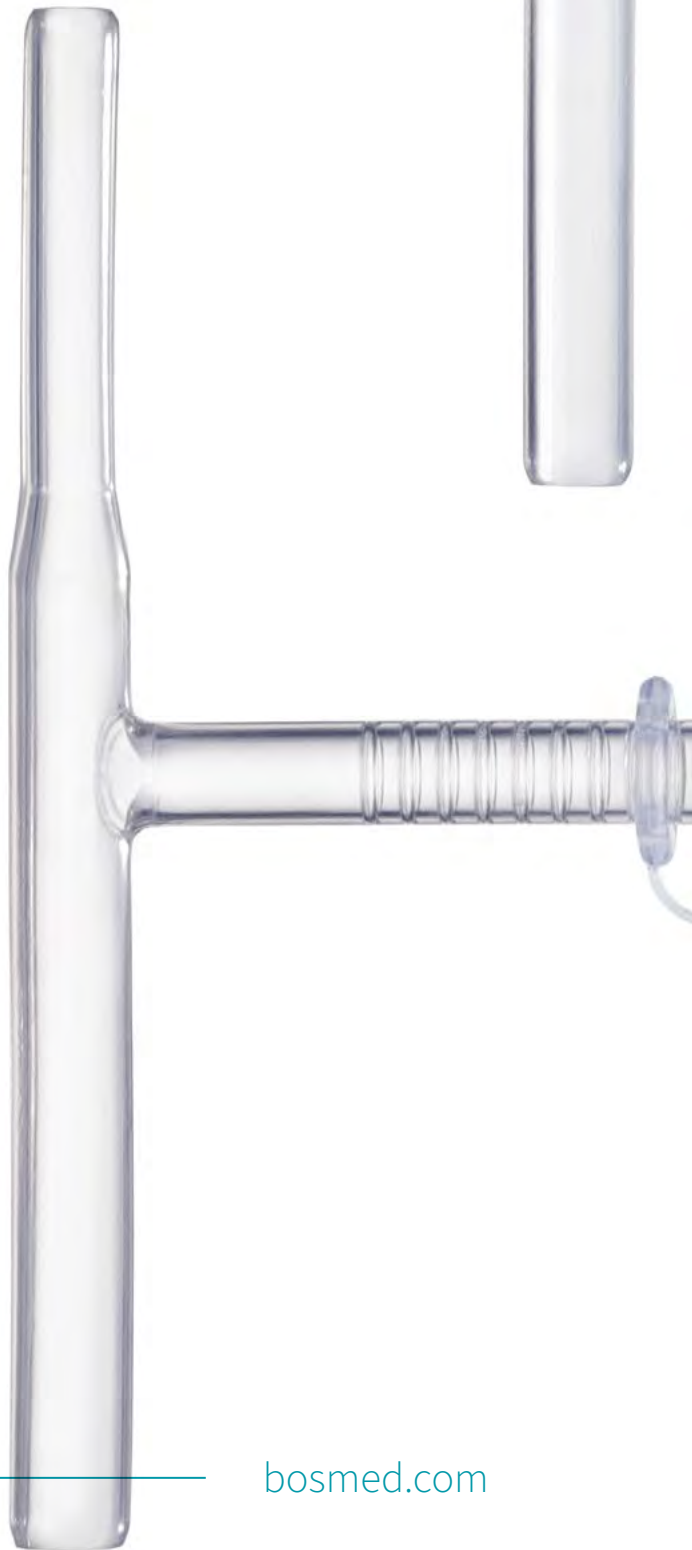## Convincing quality.
Worldwide connections.

Table of contents

The Montgomery® Safe-T-Tube™

Intended Use

To maintain an adequate tracheal airway, as well as to provide support in the stenotic trachea that has been reconstituted or reconstructed.

Indications

- Acute laryngotracheal injuries
- Intrathoracic tracheal stenosis
- Reconstructed trachea
- Reconstituted trachea
- Tracheal stenosis when the cervical or thoracic trachea cannot be repaired
- Segmental resection and anastomosis
- Cervical trachea that cannot be repaired

Five styles available

Pediatric Safe-T-Tube™ (3200 Series)

Standard Safe-T-Tube™ (4200 Series)

Thoracic Safe-T-Tube™ (5200 Series)

Extra-Long Safe-T-Tube™ (6200 Series)

Tapered Safe-T-Tube™ (7200 Series)

Montgomery®

Safe-T-Tube™

Available in clear or radiopaque material

Special situations require shortened Safe-T-Tube™ limbs.

We offer a service to shorten any Safe-T-Tube™ to your exact dimensions and finish the ends with a smooth taper.

Please call Customer Service
+49-30 816 909 0

Implant-grade silicone, non-adherent smooth surface

Original
Features

Montgomery®
Cannula Speaking Valves

Ridges and grooves
along the extraluminal limb of
the tube allow a ring washer
to be attached, significantly
reducing the possibility
of accidental posterior
displacement.

Speaking valves facilitate vocalization

Safe-T-Tubes™ are easy to insert, suction and remove, and can be used with anesthesia.
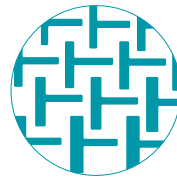
Safe-T-Tubes™ come in a large variety of sizes.

Each Safe-T-Tube™ is supplied sterile.
Carton contains 1 Tube,
2 Plug/Ring Sets, 1 Patient-PAK™.

2 Plug/Ring Sets are included with each Safe-T-Tube.
Extra Plug/Ring Sets
are available separately.

Montgomery®

Safe-T-Tube™

Available in five styles

Pediatric

The **3200 Series Pediatric Safe-T-Tubes™** feature an angled extraluminal limb to facilitate suctioning and airway management.

Standard

The **4200 Series Standard Safe-T-Tube™** is the original design featuring dimensions that will work for the majority of surgical cases.

Thoracic

The **5200 Series Thoracic Safe-T-Tube™** features an extra-long lower limb for thoracic applications.

Extra-Long

The **6200 Series Extra-Long Safe-T-Tube™** is designed to provide the surgeon the total freedom to customize the intraluminal limbs to any desired length.

Tapered

The **7200 Series Tapered Safe-T-Tube™** is designed to assist with the management of tracheal, subglottic, and glottic stenoses. The superior end conforms to the contour of the glottis and subglottis, while the larger inferior portion simultaneously acts as a stent for the trachea. The tapered end is designed to project up beyond the true vocal cords to the level of the laryngeal ventricle.

Montgomery®

Safe-T-Tube™

Ordering information

Pediatric

3200 Series Pediatric Safe-T-Tubes™

Size	REF		Dimensions (mm)						REF
	Clear	Radiopaque	A	B	C	D	E	F	Plug/Ring Set
6	320006	32006R	6	94	46	42	45	6	321066
7	320007	32007R	7	95	46	43	45	6	321066
8	320008	32008R	8	96	46	42	45	8	321086
9	320009	32009R	9	97	46	43	45	8	321086

Supplied sterile. Carton contains 1 Tube, 2 Plug/Ring Sets.
Accessories purchased separately (321xxx) are supplied non-sterile.
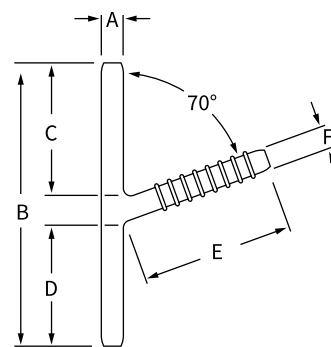
Standard

4200 Series Standard Safe-T-Tube™

Size	REF		Dimensions (mm)						REF	
	Clear	Radiopaque	A	B	C	D	E	F	Plug/Ring Set	15 mm Adaptor
10	420010	42010R	10	50	19	23	39	8	321106	321107
11	420011	42011R	11	60	20	29	52	11	321126	321127
12	420012	42012R	12	65	23	32	50	11	321126	321127
13	420013	42013R	13	69	24	34	55	11	321126	321127
14	420014	42014R	14	71	25	35	59	11	321126	321127
15	420015	42015R	15	73	26	36	56	11	321126	321127
16	420016	42016R	16	75	27	37	65	11	321126	321127

Supplied sterile. Carton contains 1 Tube, 2 Plug/Ring Sets.
Accessories purchased separately (321xxx) are supplied non-sterile.

Thoracic

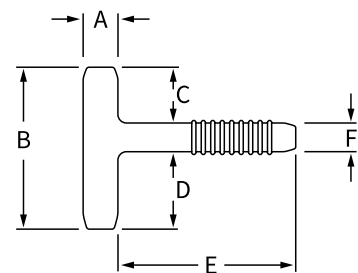**5200 Series Thoracic Safe-T-Tube™**

Size	REF		Dimensions (mm)						REF	
	Clear	Radiopaque	A	B	C	D	E	F	Plug/Ring Set	15 mm Adaptor
10	520010	52010R	10	113	31	74	38	8	321106	321107
11	520011	52011R	11	115	30	74	50	11	321126	321127
12	520012	52012R	12	112	29	72	50	11	321126	321127
13	520013	52013R	13	116	31	74	55	11	321126	321127
14	520014	52014R	14	118	32	75	58	11	321126	321127
15	520015	52015R	15	119	33	75	56	11	321126	321127
16	520016	52016R	16	119	33	75	65	11	321126	321127

Supplied sterile. Carton contains 1 Tube, 2 Plug/Ring Sets.
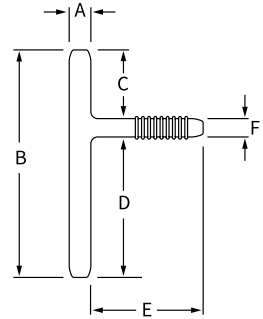Accessories purchased separately (321xxx) are supplied non-sterile.

Extra-Long

6200 Series Extra-Long Safe-T-Tube™

Size	REF		Dimensions (mm)						REF	
	Clear	Radiopaque	A	B	C	D	E	F	Plug/Ring Set	15 mm Adaptor
10	620010	62010R	10	161	76	76	39	8	321106	321107
11	620011	62011R	11	162	76	76	52	11	321126	321127
12	620012	62012R	12	162	76	76	48	11	321126	321127
13	620013	62013R	13	163	76	76	57	11	321126	321127
14	620014	62014R	14	163	76	76	59	11	321126	321127
15	620015	62015R	15	163	76	76	58	11	321126	321127
16	620016	62016R	16	163	76	76	65	11	321126	321127

Supplied sterile. Carton contains 1 Tube, 2 Plug/Ring Sets.
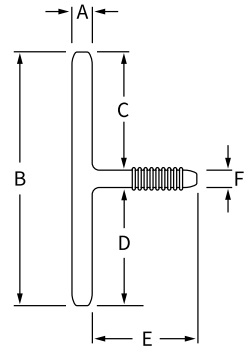Accessories purchased separately (321xxx) are supplied non-sterile.

Tapered

7200 Series Tapered Safe-T-Tube™

Size	REF		Dimensions (mm)							REF	
	Clear	Radiopaque	A	B	C	D	E	F	G	Plug/Ring Set	15 mm Adaptor
8/10	721008	71008R	8	163	77	78	69	8	10	321106	321107
10/13	721310	71310R	10	163	76	76	72	11	13	321126	321127

Supplied sterile. Carton contains 1 Tube, 2 Plug/Ring Sets.
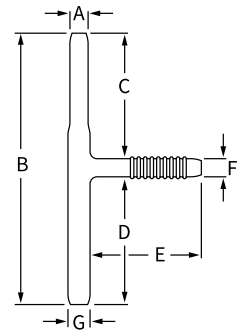Accessories purchased separately (321xxx) are supplied non-sterile.

Montgomery®

Thyroplasty Implant System

Complete standardized system for treatment of unilateral vocal fold paralysis, consisting of

- specially designed surgical instruments

- devices for measuring medialization distance prior to implant insertion

- a range of six implant sizes for female patients and six sizes for male patients.

Video available

- Complete standardized system
- Eliminates need to hand-fashion implants
- Self-retaining implant design
- No suturing is necessary
- Reduced trauma and surgery time
- Reversible
- Proven clinical success

The Montgomery® Thyroplasty Implant System is the result of over a decade of research and development. Designed to treat unilateral vocal cord paralysis, this revolutionary system is standardized, eliminating the time-consuming process of customizing implants at the time of surgery.

Standardization translates to consistent results. Solid clinical experience involving thousands of patients has produced outstanding voice improvement while reducing long procedures and complications associated with hand-carved implants and injection techniques.

Montgomery®
Thyroplasty Implant

The unique design of the Montgomery® Thyroplasty Implant consists of two major components: the rectangular base and the triangular top.

The triangular portion is made of soft silicone to medialize the vocal cord and the vocal process of the arytenoid. The hypotenuse of the triangle corresponds to the long axis of the vocal cord.

The height of the triangle is measured in millimeters and defines the implant size: 6, 7, 8, 9, 10 and 11 mm for females and 8, 9, 10, 11, 12 and 13 mm for males.

The base is made of firm silicone and features three tiers. The lateral, or outer tier, remains on the outer surface of the thyroid lamina and prevents medial displacement of the implant. The middle tier stabilizes the implant and prevents rotation. The inner tier rests against the inner surface of the thyroid lamina and prevents outward displacement. There is a common base for female and a common base for male sizes.

The base of each implant is marked with size and gender.

Montgomery®
Thyroplasty Measuring Devices
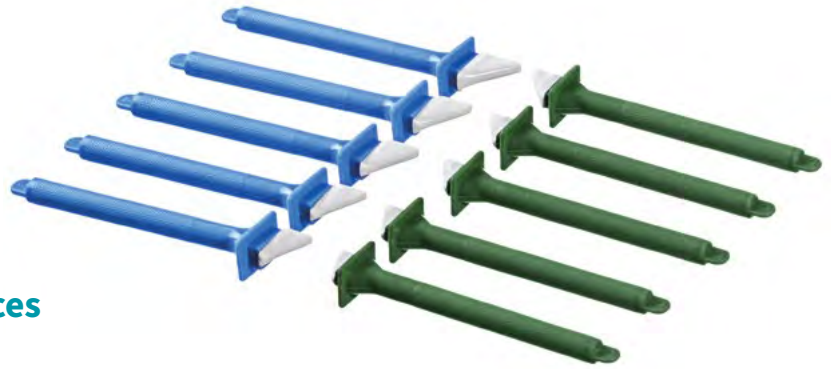
Special measuring devices for female (green) and male (blue) patients accurately simulate vocal cord medialization eliminating the need to insert and replace multiple implants.

This results in less trauma to the patient and reduced surgery time. The disposable set includes five sizes to correspond to the five smallest implant sizes, and is available in both female and male kits.

Each measuring device is marked with size and gender.

Montgomery®
Thyroplasty Surgical Instruments

Custom surgical instruments facilitate locating, designing, and creating the window and inserting the implant. Available individually, or as a complete 13-piece set with sterilization tray.

The Surgical Procedure

The surgical procedure has been fine-tuned and involves a step-by-step process for locating the thyroplasty window, creating the window, determining implant size, and inserting the implant. The procedure reduces surgery time and is completely reversible. Please refer to the Instructions for Use for a step-by-step guide.

Montgomery®
Thyroplasty Implants

REF		REF	
MTF-06	Female Size 6	MTM-08	Male Size 8
MTF-07	Female Size 7	MTM-09	Male Size 9
MTF-08	Female Size 8	MTM-10	Male Size 10
MTF-09	Female Size 9	MTM-11	Male Size 11
MTF-10	Female Size 10	MTM-12	Male Size 12
MTF-11	Female Size 11	MTM-13	Male Size 13
Supplied sterile. One implant per carton.			

16-Implant Sets
contains 16 implants

Significant savings over purchasing individual implants

REF	
MTC-01	*Male and Female Combination Implant Set, contains 16 implants:* 1 ea. female sizes 6, 7, 8, 11 / 2 ea. female sizes 9, 10 1 ea. male sizes 8, 9, 10, 13 / 2 ea. male sizes 11, 12
MTF-01	*Female Implant Set, contains 16 implants:* 2 ea. female sizes 6, 11 / 3 ea. female sizes 7, 8, 9, 10
MTM-01	*Male Implant Set, contains 16 implants:* 2 ea. male sizes 8, 13 / 3 ea. male sizes 9, 10, 11, 12

Montgomery®
Thyroplasty Measuring Device Kits

REF	
MT-300	Female Measuring Device Kit
MT-400	Male Measuring Device Kit
Supplied sterile, disposable. Kits include one of each size measuring device (5 sizes per kit).	

Multiple Procedure Thyroplasty Kit
Designed for surgeons or facilities performing multiple thyroplasty procedures annually.

REF	Thyroplasty Multiple Procedure Kit, includes:
MT-MP	• 1 ea. MT-200 13-piece Surgical Instrument Set with Custom Sterilization Tray • 4 ea. MT-300 Female Measuring Device Kits • 4 ea. MT-400 Male Measuring Device Kits • 1 ea. MTC-01 Male and Female Combination Implant Set (16 implants)

Montgomery®
Thyroplasty Surgical Instruments

	REF	Description
A	MT-201	7 mm Female Window Caliper
B	MT-202	9 mm Male Window Caliper
C	MT-203	Female Window Outline Instrument
D	MT-204	Male Window Outline Instrument
E	MT-205	Small Curved Hook
F	MT-206	Large Curved Hook
G	MT-207	Small Sharp Hook

	REF	Description
H	MT-208	Large Sharp Hook
I	MT-209	3 mm Duckbill Elevator
J	MT-210	5 mm Duckbill Elevator
K	MT-211	Chisel Elevator
L	MT-212	Female Implant Inserter
M	MT-213	Male Implant Inserter
Supplied non-sterile. One item per carton.		

A complete 13-piece Instrument Set is available which includes a custom sterilization tray

Individual instruments may also be purchased separately.

REF	
MT-200	13-piece Surgical Instruments Set with Custom Sterilization Tray
Supplied non-sterile.	

Montgomery®

Esophageal Tubes

- Implant-grade silicone
- Non-adherent smooth surface
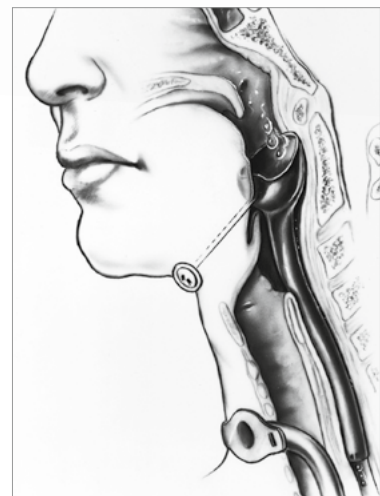- Available in clear or radiopaque material

Har-El Pharyngeal Tube

To facilitate the management of esophageal fistulae resulting from a variety of causes including surgery, radiation, advanced malignancy, trauma, and ingestion of caustic agents.

- for the treatment of orocutaneous and pharyngocutaneous fistulae following head and neck oncologic resection
- placement in patients with an existing fistula prior to reconstructive procedures
- prophylactic placement in patients who are at high risk for development of a fistula

The proximal end features an indented funnel shape designed for anchoring the device at the level of the tongue base.

REF	
Clear	Radiopaque
355120	355120R
Supplied sterile. One Tube per carton.	

183 mm

35 mm

12 mm

Montgomery®

Salivary Bypass Tube

To stent repair of cervical esophageal and hypopharyngeal strictures, to prevent fistulae or facilitate the management of fistulae resulting from a variety of causes including surgery, radiation, advanced malignancy, trauma, and ingestion of caustic agents.

The constant bathing by saliva around the tissues altered by surgery, infection, or radiation therapy is a prime factor in hindering the progress of healing and fistula closure.

The Montgomery® Salivary Bypass Tube directs the saliva into the distal esophagus and allows for spontaneous closure of the fistula, or at least permits the tissue to recover sufficiently to be an improved recipient for more formidable measures such as repair using pedicled skin flap tissue.

A feeding tube may be inserted through the salivary bypass tube. Impending fistulae and strictures may be prevented by tube placement alone or following bougienage dilation.

7 sizes available

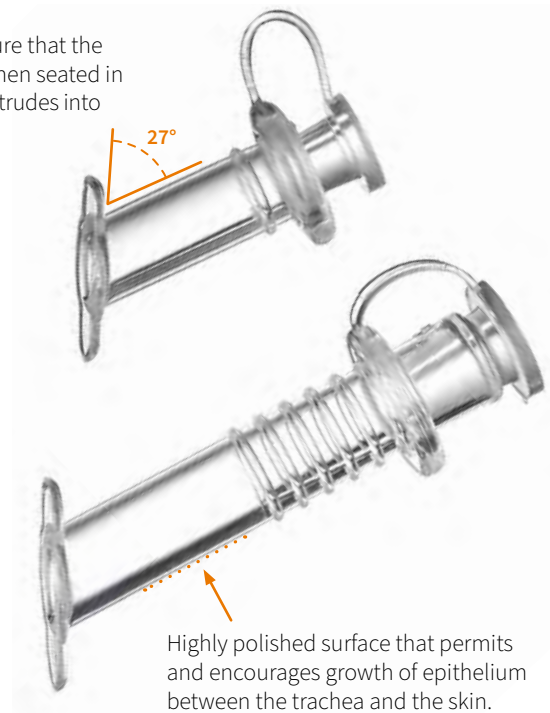| Size	REF		Dimensions (mm)		
	Clear	Radiopaque	A	B	C
8	322080	322080R	33	191	8
10	322100	322100R	35	191	10
12	322120	322120R	37	191	12
14	322140	322140R	39	191	14
16	322160	322160R	41	191	16
18	322180	322180R	43	191	18
20	322200	322200R	45	191	20
Supplied sterile. One Tube per carton.					
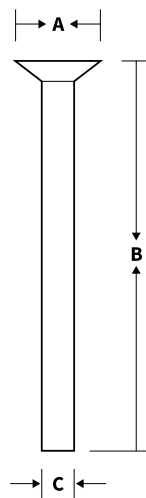
Tracheal Cannulas and Speaking Valves
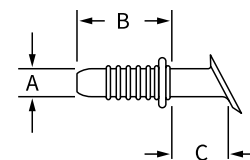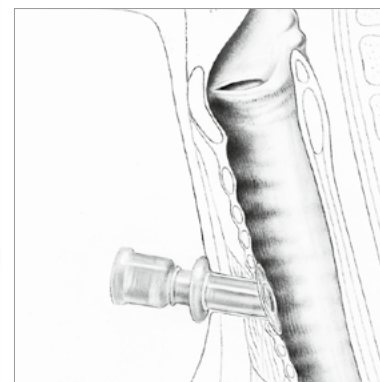
Montgomery®

Long-Term Cannula

24 sizes available

Used to replace either the Short-Term Cannula or a standard tracheostomy tube to establish a long-term tracheostoma.

27°-angled flange to ensure that the tube rests horizontally when seated in the trachea – nothing protrudes into the trachea.

27°

Dual-purpose groove along the axis of the tube rests in the "6 o'clock" position for orientation and serves as a drainage vent.

Highly polished surface that permits and encourages growth of epithelium between the trachea and the skin.

- Can be trimmed
- Ring washer for safety

SIZE	Dimensions (mm)		REF for the following stoma lengths (dimension "C") in millimeters						REF	
	A	B	17–25	25–33	33–41	41–49	49–57	57–65	Plug/Ring Set	15 mm Adaptor
4	9	37	330425	330433	330441	330449	330457	330465	310406	310404
6	11	37	330625	330633	330641	330649	330657	330665	310606	310604
8	12	37	330825	330833	330841	330849	330857	330865	310806	310804
10	13	37	331025	331033	331041	331049	331057	331065	311006	311004

Sterile, for single patient use. 1 Cannula, 2 Plug/Ring Sets, 1 Patient-Pak per carton. Accessories available separately (31xxxx) are supplied non-sterile.

Montgomery®

Cannula Speaking Valve

Designed to allow cannula patients to vocalize without the need for finger occlusion.

All valves provide one-way airflow using a thin silicone hinged diaphragm that opens on inspiration and closes on expiration.

All valves feature our unique cough-release feature, eliminating valve or tube displacement following a forceful cough or excessive airway pressure.

- Easy-to-use and durable
- Low resistance to inspired airflow
- Exclusive cough-release feature
- 4 models to choose from

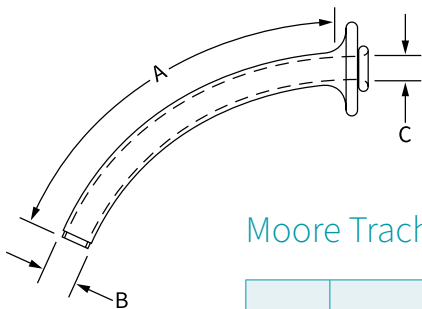| SIZE | REF |
	Silicone Valve
4	350401
6	350601
8	350801
10	351001
Supplied non-sterile. For single patient use. 1 speaking valve, 1 storage container per carton.	

Moore Tracheostomy Tube

To maintain an adequate airway while providing support in the stenotic cervical or thoracic trachea.

- Four components: Silicone tracheostomy tube with obturator and two inner cannulas
- Flexible to conform to individual anatomies while providing patient comfort
- Made of radiopaque silicone to aid in reducing incrustation and clotting
- Standard long length can be trimmed for individual applications
- Extra inner cannulas available as replacement

Outer Tube

Obturator

Inner cannula with 15 mm connector

Low-profile inner cannula

Moore Tracheostomy Tube

SIZE	REF	Dimensions (mm)		
		A	B	C
6	MTT-006	109	11	6.5
8	MTT-008	109	12	7.5
10	MTT-010	109	13	8.5

Supplied sterile. Includes outer tube, obturator, low-profile inner cannula and inner cannula with 15 mm connector.

Replacement Inner Cannulas

SIZE	REF	Description
6	MTT-006-CN	15 mm Inner Cannula
	MTT-006-LP	Low-Profile Inner Cannula
8	MTT-008-CN	15 mm Inner Cannula
	MTT-008-LP	Low-Profile Inner Cannula
10	MTT-010-CN	15 mm Inner Cannula
	MTT-010-LP	Low-Profile Inner Cannula

Supplied sterile. 2 Cannulas per carton (1 cannula per pouch, 2 pouches per carton).

Products for Rhinology

Septal Splints

Various designs providing septal support and reducing or preventing adhesions between the septum and lateral nasal wall following septoplasty or septorhinoplasty.

Doyle Open-Lumen Splint

• Addresses the problem of lumen closure due to blood and/or mucus accumulation by allowing inspiration and ciliary action to keep lumen patent.

REF	Description
60-203	Doyle Open-Lumen Splint, Silicone
Supplied sterile. 10 Splints per carton (1 Splint pair per pouch, 5 pouches per carton).	

• Open-lumen design – The inferior edge of the semi-tube helps to lateralize the inferior turbinate and maintain natural airflow.
• Suture holes for stabilization

Nasal Airway Splint

REF	Description
60-201	Nasal Airway Splint, Silicone
Supplied sterile. 10 Splints per carton (1 Splint pair per pouch, 5 pouches per carton).	

• Integral airway to allow nasal breathing
• Suture holes for stabilization

Intranasal Splint INS

REF	Description	Type
60-204	Intranasal Splint INS, Silicone	Soft
60-204L	Intranasal Splint INS, Silicone	Extra-Soft
Supplied sterile. 10 Splints per carton (1 Splint pair per pouch, 5 pouches per carton).		

Suture holes for stabilization

Bivalve Nasal Splint

- Four models available: Standard or Large, 0.25 mm or 0.50 mm thick
- Can be trimmed prior to insertion
- Clear color for maximum visualisation

REF	Description	Type	Dimensions (mm)			Splints per carton
			Thickness	Length	Width	
60-301	Bivalve Nasal Splint, PTFE	Standard	0.25	42	27	10 pairs (20 splints)
60-302		Standard	0.50	42	27	
60-303		Large	0.25	60	38	
60-304		Large	0.50	60	38	
60-301S	Bivalve Nasal Splint, PTFE, single	Standard	0.25	42	27	10 splints
60-302S		Standard	0.50	42	27	
60-303S		Large	0.25	60	38	
60-304S		Large	0.50	60	38	

- Lengthwise slit to facilitate insertion and removal
- Suture holes for stabilization

Custom Nasal Splint

- Medical-grade silicone or fluoroplastic
- Can be trimmed prior to insertion

REF	Dimensions (mm)	Material	Thickness (mm)
60-310		Fluoroplastic	0.25
60-311		Fluoroplastic	0.50
60-312		Silicone	0.13
60-313		Silicone	0.50
60-314	51 × 76	Silicone	1.00
60-315		Silicone	1.50
60-320		Silicone, Polyester Reinforced	0.50
60-321		Silicone, Polyester Reinforced	0.75
60-322		Silicone, Polyester Reinforced	1.00
Supplied sterile. 10 Splints per carton (1 Splint per pouch, 10 pouches per carton).			

Epi-Max™
Epistaxis Catheter
Two-balloon epistaxis catheter designed to control intranasal bleeding.

Epi-Max™

Epi-Max™
with expanded balloons

As a nasal packing, it can be used following septoplasty, rhinoplasty, and other intra-nasal surgical procedures.

Dual balloon design allows for control of anterior and/or posterior nasal bleeding. A syringe is used to expand the balloons with normal saline. The volume of saline injected determines the ultimate size and pressure of the balloons. The result is a controlled, uniform pressure to manage bleeding.

Two lengths are available: 97 mm and 120 mm.
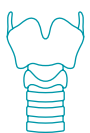
- Medical-grade silicone with blue tint for visualization
- Dual balloons with adjustable size and pressure
- Integral airway
- The integral airway tube provides a passage for breathing while the balloons are inflated.

usable length

total length

REF	Total Length (mm)	Usable Length (mm)
60-402	97	85
60-402L	120	95
Supplied sterile. One item per carton.		
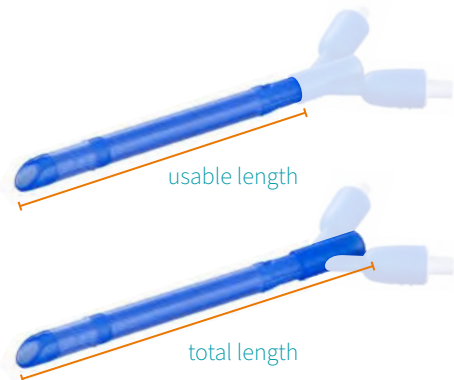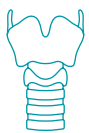
To Place an Order

Our Customer Service Representatives are available from 8:30 a.m. to 5:00 p.m. (EST) Monday through Friday. Orders can also be placed through our 24-hour fax line or by e-mail.
• Main Telephone: +1-508-898-9300
• 24-hour-Fax: +1-508-898-2373
• customerservice@bosmed.com

Prescription Policy

U.S. federal law restricts these products to sale by or on the order of a physician.

Shipment

International shipping is set up via the instructions of each individual Distributor. Each order should ship out with all commercial invoicing within 4-7 business days from receipt of Purchase Order.

Return Policy

All sales final, no returns or exchanges will be accepted.

Warranty

Boston Medical Products, Inc. warrants that reasonable care has been used in the manufacturing of all products. All products are warranted to be free of defects at the time of shipment. For specific product warranties, please refer to individual product Instructions for Use.

The products in this catalog are C€-marked.

Boston Medical Products, Inc. — Shrewsbury, MA, USA

Please note that only the current instructions for use apply. Details in this catalog about the use of products serve as a guide only and reflect the information available at the time of print. If necessary, please request a current version!

The instructions for use for some of our products are available only in electronic form (in pdf format) on our website.
Please see the product label for the required access information.

Please note that product availability may vary by country. Please contact us for details.

ENT Surgical Products

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