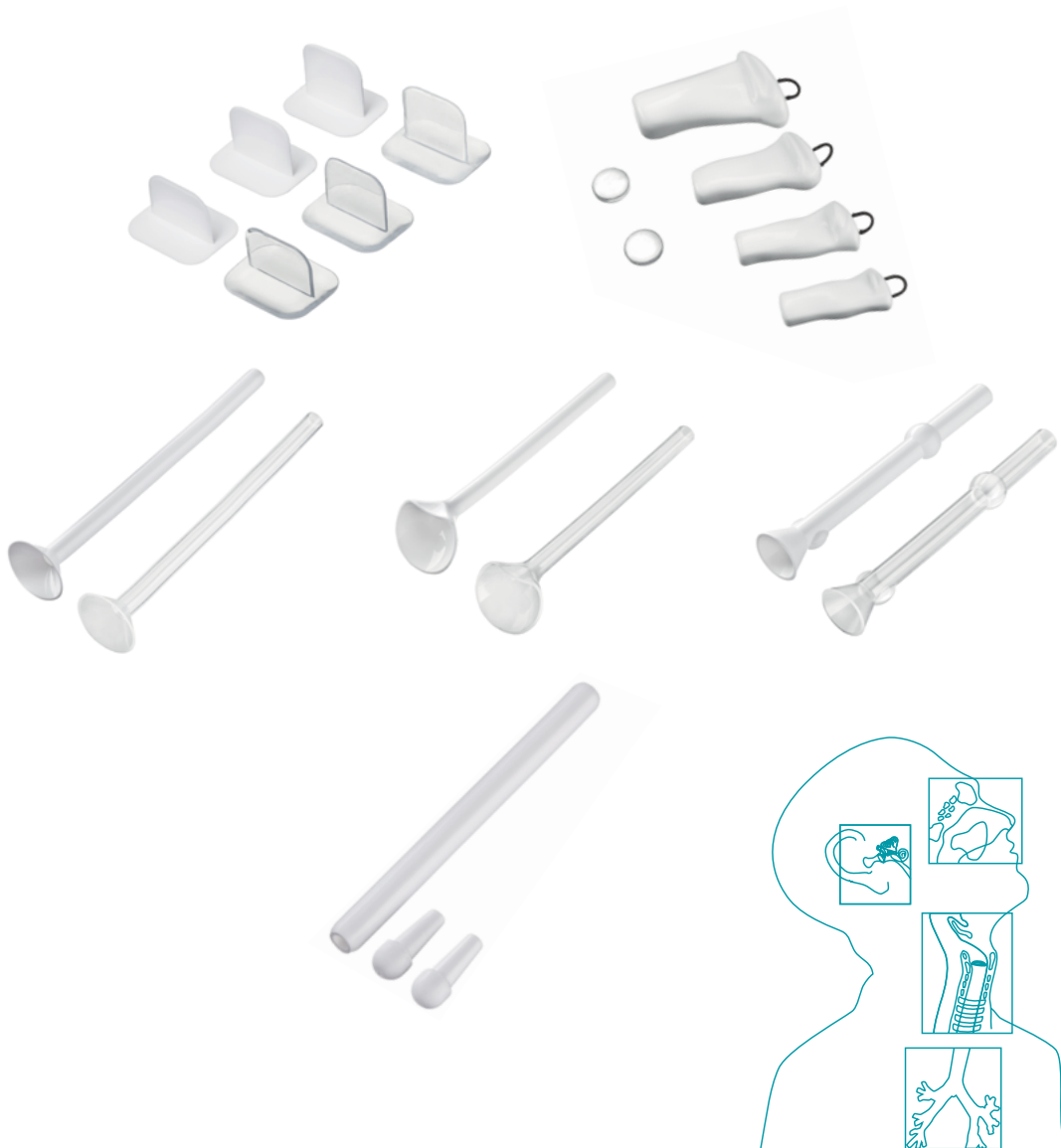


## Laryngeal and Esophageal Products



# Laryngeal and Esophageal Products

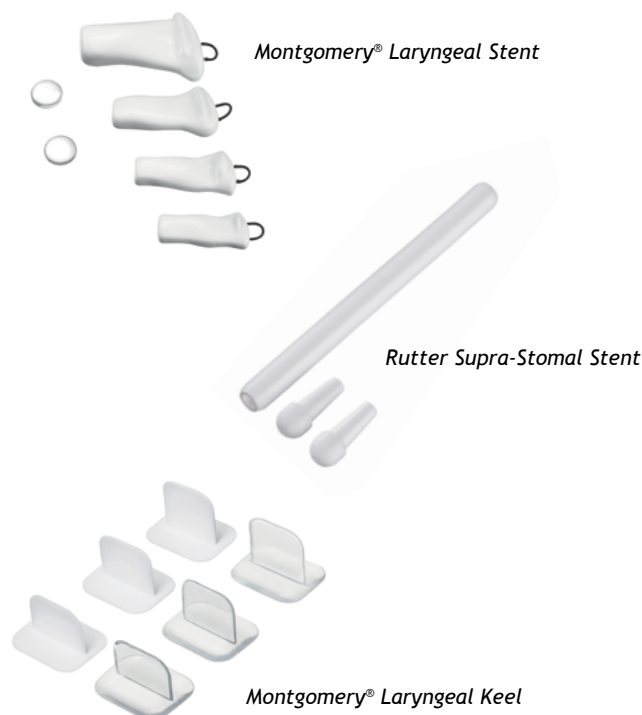


## Laryngeal and Esophageal Products

Innovation, quality and service that define today's Highest Standards.

The **Montgomery® Laryngeal Stent** is a molded silicone prosthesis designed to conform to the normal endolaryngeal surface. The stent may be utilized as a direct support for intralaryngeal mucosal or dermal graphs to denuded areas of the endolarynx. The **Rutter Supra-Stomal Stent** is a silicone stent system designed to provide support in the stenotic larynx and trachea. The **Montgomery® Laryngeal Keel**, with its unique umbrella shape, has proven useful in the repair of anterior subglottic stenosis (web), with or without vocal cord paralysis.

Use of the **Montgomery® Salivary Bypass Tube** following surgery has successfully prevented fistulae occurrence, as well as repair of existing cervical esophageal and hypopharyngeal fistulae. The unique superior funnel shape of the **Har-El Pharyngeal Tube** is designed for anchoring at the level of the tongue base. The **Montgomery® Esophageal Tube** is used to bridge the gap between the pharyngostome and esophagostome following laryngoesophagectomy and first stage reconstruction of the cervical esophagus.



*Montgomery® Salivary Bypass Tube*



*Har-El Pharyngeal Tube*



*Montgomery® Esophageal Tube*



*from physicians  
for physicians*



*William W. Montgomery, M.D.  
1923 - 2003*

# Laryngeal and Esophageal Products

## Montgomery® Laryngeal Stent

The Montgomery® Laryngeal Stent is a molded silicone prosthesis designed to conform to the normal endolaryngeal surface. The stent is constructed of radiopaque implant-grade silicone that is firm enough to support the endolarynx postoperatively, yet is soft and flexible enough to ensure a conforming fit while minimizing injury to soft tissues.

The stent may be utilized as a direct support for intralaryngeal mucosal or dermal grafts to denuded areas of the endolarynx. Each Montgomery® Laryngeal Stent includes two silicone suture buttons to support the stent externally.

### Intended Use

For the prevention and treatment of laryngeal stenosis when the glottic stenosis involves the midglottis, posterior glottis, supraglottis, and subglottis, singularly or in combination.

### Supplied

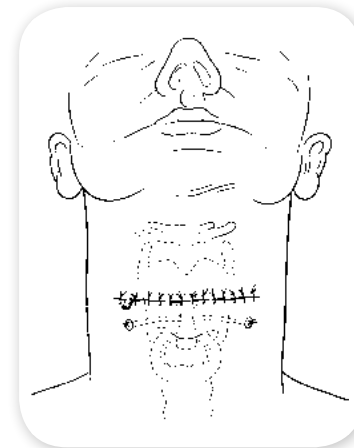
Sterile

For single use

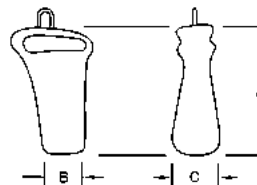
1 Stent, 2 Suture Buttons, 1 IFU per carton

### Features

- Implant-grade silicone
- Non-adherent smooth surface
- Integral removal loop
- Radiopaque material



| Size   | REF    | Dimensions (mm) |    |    |
|--|--------|-----------------|----|----|
|  |        | A               | B  | C  |
| Child  | 323010 | 33              | 10 | 9  |
| Small Adult  | 323020 | 37              | 11 | 10 |
| Medium Adult   | 323025 | 40              | 12 | 10 |
| Large Adult  | 323030 | 47              | 15 | 16 |
| Additional Stent Buttons pairs are available, non-sterile (REF: 323011). |        |                 |    |    |



# Laryngeal and Esophageal Products

## Rutter Supra-Stomal Stent

The Rutter Supra-Stomal Stent is a silicone stent system designed to provide support in the stenotic larynx and trachea.

The stent is supplied as three components: the main body of the stent, a fenestrated plug, and a non-fenestrated plug. The fenestrated plug allows for limited airflow through the stent and vocalization in some patients. The non-fenestrated plug is for use in patients with a high risk of aspiration.

The body of the stent has two tapered ends. The end with the smaller inner diameter is designed to lie distally at the tracheostoma and may even slightly overlap the tracheostoma. The proximal end of the stent will accommodate one of the supplied plugs and can be trimmed for custom stent length.



### Intended Use

For the prevention and treatment of laryngeal and tracheal stenosis

### Supplied

Sterile

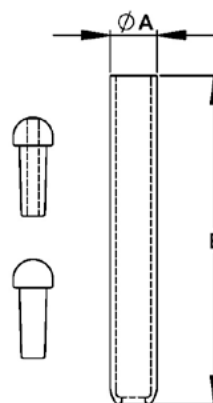
For single use

1 Stent, 2 Plugs, 1 IFU per carton

### Features

- Implant-grade silicone
- Non-adherent smooth surface
- Radiopaque Material
- Length can be trimmed to required size

| REF    | Size | Dimensions (mm) |     |
|--------|------|-----------------|-----|
|        |      | A               | B   |
| 840006 | 6    | 6               | 83  |
| 840007 | 7    | 7               | 83  |
| 840008 | 8    | 8               | 88  |
| 840009 | 9    | 9               | 93  |
| 840010 | 10   | 10              | 93  |
| 840011 | 11   | 11              | 100 |
| 840012 | 12   | 12              | 126 |
| 840013 | 13   | 13              | 133 |
| 840014 | 14   | 14              | 140 |
| 840015 | 15   | 15              | 147 |



# Laryngeal and Esophageal Products

## Montgomery® Laryngeal Keel

The Montgomery® Laryngeal Keel, with its unique umbrella shape, has proven useful in the repair of anterior subglottic stenosis (web), with or without vocal cord paralysis. Use of the keel can be made following repair of stenosis or following removal of the Montgomery® Laryngeal Stent to aid in formation of a sharp anterior commissure.

The keel also has application following hemilaryngectomy to prevent stenosis. The intralaryngeal extension of the keel is thinner than the umbrella of the extralaryngeal portion. The extralaryngeal portion, when secured to thyroid laminae with a figure-of-eight suture, covers the thyrotomy repair with its umbrella. Tightly secured, the keel prevents stenosis and the migration of granulation tissue into the larynx.

The keel is made of soft implant-grade silicone (clear or radiopaque) and is available in three sizes.

### Intended Use

For the prevention and treatment of anterior glottic stenosis

### Supplied

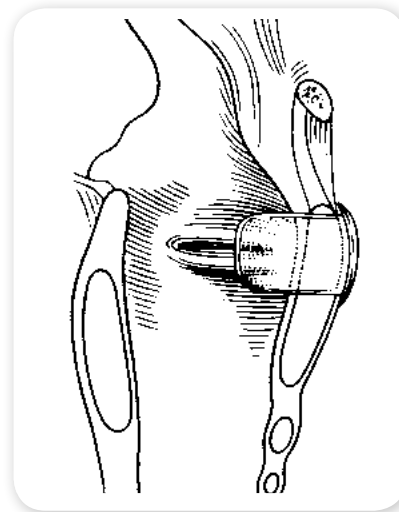
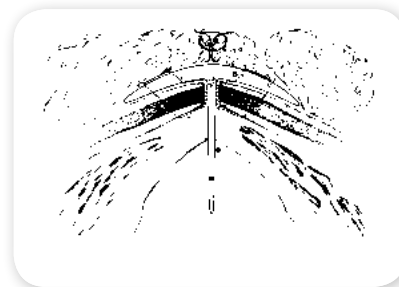
Sterile

For single use

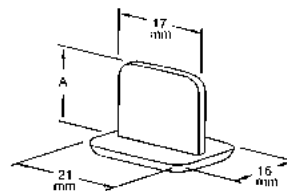
1 Keel, 1 IFU per carton

### Features

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



| Size | REF    |            | Dimensions (mm) |
|------|--------|------------|-----------------|
|      | Clear  | Radiopaque | A               |
| 12   | 323040 | 323040R    | 12              |
| 14   | 323050 | 323050R    | 14              |
| 16   | 323060 | 323060R    | 16              |





# Laryngeal and Esophageal Products



## Montgomery® Salivary Bypass Tube

The constant bathing by saliva to the tissues altered by surgery, infection, or radiation therapy is a prime factor in retarding 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.

### Intended Use

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

### Supplied

Sterile

For single use

1 Tube, 1 IFU per carton

### Features

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



| 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 |



# Laryngeal and Esophageal Products

## Har-El Pharyngeal Tube

The Har-El Pharyngeal Salivary Bypass Tube allows the surgeon to handle a variety of indications for treatment of esophageal fistulae. The proximal end features an indented funnel shape designed for anchoring the device at the level of the tongue base.

The tube has applications for: 1) the treatment of orocutaneous and pharyngocutaneous fistulae following head and neck oncologic resection, 2) placement in patients with an existing fistula prior to reconstructive procedures, and 3) prophylactic placement in patients who are at high risk for development of a fistula.

### Intended Use

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

### Supplied

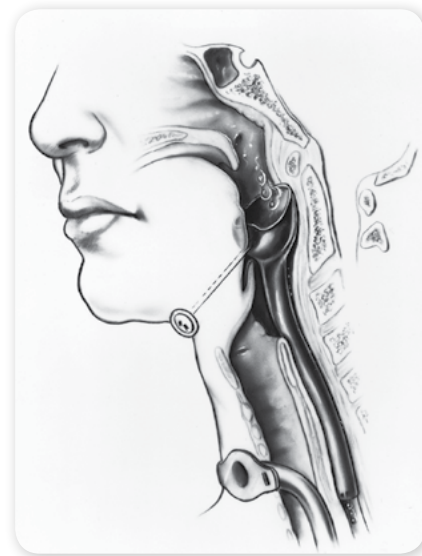
Sterile

For single use

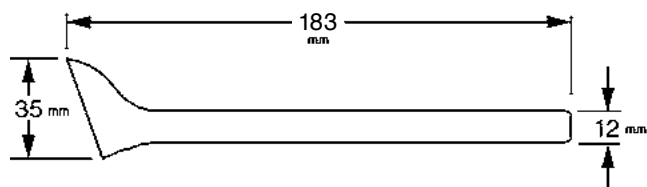
1 Tube, 1 IFU per carton

### Features

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



| REF    |            |
|--------|------------|
| Clear  | Radiopaque |
| 355120 | 355120R    |



# Laryngeal and Esophageal Products



## Montgomery® Esophageal Tube

The Montgomery® Esophageal Tube is used for two-stage reconstruction of the cervical esophagus. The tube features a funnel-shaped proximal end to conform to the hypopharynx and two firm oval bands designed to ensure proper positioning and to prevent leakage of saliva after laryngoesophagectomy.

The Montgomery® Esophageal Tube has three functions:  
1) it tends to eliminate the problem of profuse salivary leakage by way of the pharyngostome, 2) it maintains a widely patent pharyngostome and esophagostome, and 3) it creates a trough between the pharyngostome and esophagostome, facilitating the second-stage procedure.

### Intended Use

To temporarily bridge the gap between the pharyngostome and esophagostome following laryngoesophagectomy and first-stage reconstruction of the cervical esophagus

### Supplied

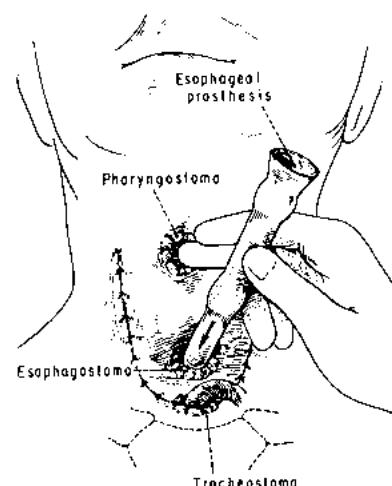
Sterile

For single use

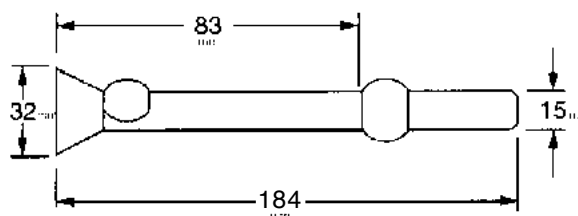
1 Tube, 1 IFU per carton

### Features

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



| REF    |            |
|--------|------------|
| Clear  | Radiopaque |
| 322000 | 322000R    |





# Laryngeal and Esophageal Products





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