

Atos Medical Inc Product Catalog



2013 - 2014

ATOS
MEDICAL
Leading the way in ENT



Contents

Provox® Voice Prostheses	4
Provox Vega™	4
Provox(1)	6
Provox2	6
Provox ActiValve®	7
Provox NiD™ Non-Indwelling Voice Prosthesis	8
Professional Accessories	9
User Accessories	11
Provox® HME System™ (Heat and Moisture Exchanger)	13
Provox XtraHME™ Cassettes	14
Provox® Micron™ HME	15
Provox Adhesives	16
Skin Preparations and Cleansers	18
Hands-free Speech	21
Tracheostoma Support	23
Other Accessories	27
Laryngectomy Pulmonary Kits	29
Stoma Covers	30
Electrolarynges	32
Jaw Motion Rehabilitation	34
Educational Material	36
Samples and Starter Kits	38
Index by Product Reference Numbers	40
Products listed in Alphabetical Order	41

* Please refer back to each products' Instructions For Use (IFU) for the product's approved use.



Provox® Voice Prostheses

1990 - Provox(1), the original Provox voice prosthesis was introduced

1997 - Provox2

- Offered bi-directional insertion either anterograde through the stoma or retrograde through the pharynx and mouth

2003 - Provox ActiValve

- Specifically designed to address those who experience short prosthesis life

2005 - Provox NiD Non-Indwelling Voice Prosthesis

2009 - Provox Vega with SmartInserter™

- The first Provox prosthesis incorporated in its own delivery system

2012 - Provox Vega with SmartInserter enhanced version offering easier placement

- Highly engineered to meet the needs of our customers

PROVOX® Vega™

In 1990, the first Provox voice prosthesis was introduced, followed by the second generation, Provox2, in 1997. Provox has truly made a global impact. The third generation voice prosthesis - The Provox Vega has raised the standard yet again by offering a host of new features including a new delivery system.*

*At the time of this printing, the redesigned SmartInserter was only available in 22.5 Fr size

Choice

Selecting the right prosthesis just got a lot easier, Provox Vega is available in three diameters and six different lengths, eighteen sizes in all.

3 diameters: 17 Fr, 20 Fr and 22.5 Fr

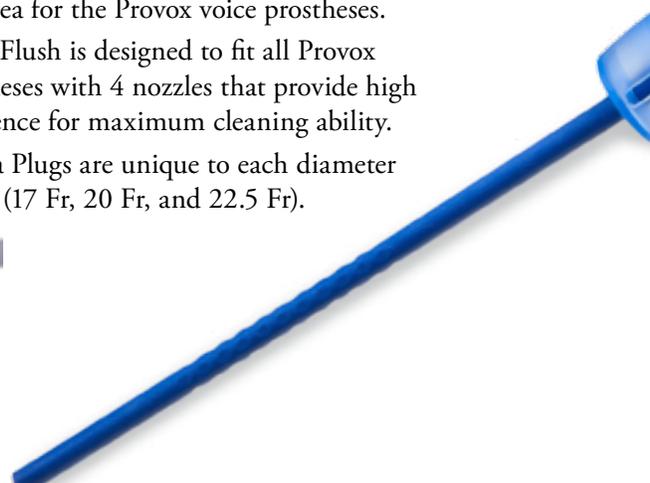
6 lengths: 4, 6, 8, 10, 12.5 and 15 mm



Cleaning and Maintenance

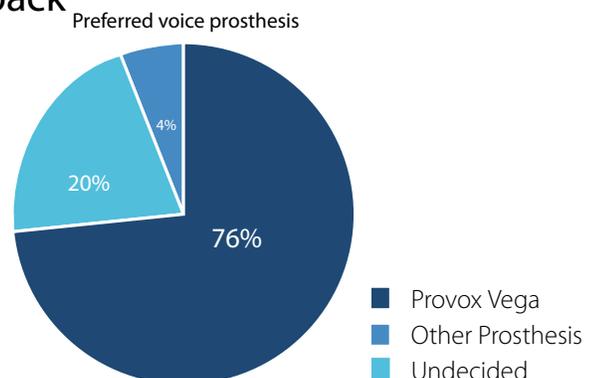
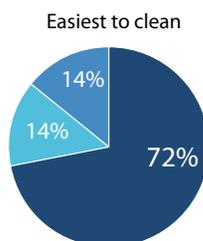
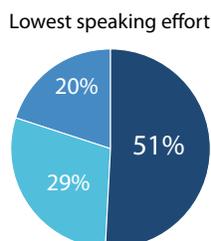
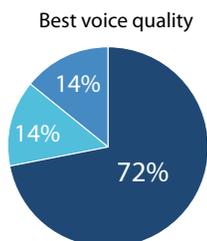
Provox Vega voice prosthesis is designed to ensure effective and quick cleaning.

- The Provox Brush is designed to provide safe and effective cleaning of the inner lumen and valve flap area for the Provox voice prostheses.
- The Provox Flush is designed to fit all Provox voice prostheses with 4 nozzles that provide high tech turbulence for maximum cleaning ability.
- Provox Vega Plugs are unique to each diameter (17 Fr, 20 Fr, and 22.5 Fr).



Highlights from clinical studies and patient feedback

Patient perceptions



■ Provox Vega
■ Other Prosthesis
■ Undecided

Design improvements inspired by Healthcare professionals

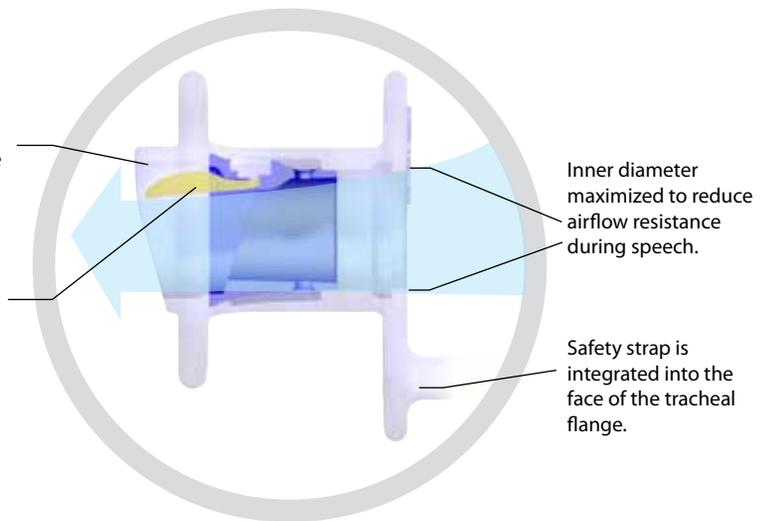
- Provox®2 style tip for familiar feeling during placement
- Transparent loading tube for greater visibility and accuracy
- Pre-lubricated insertion device maintained to enhance delivery
- Ribbed area in the grip to assist delivery



Maximize Airflow - Minimize Effort

The valve is recessed and totally encased by the prosthesis hood to minimize direct exposure of the valve to the esophagus.

Angled valve opens flush with valve interior to maximize airflow velocity through the prosthesis, making speech less effortful.



Provox Vega™ speech samples were perceived by clinicians in blinded ratings to be significantly:

- Less strained
- Easier to understand
- Sounded less effortful
- Had a better voice quality

Order information	4 mm	6 mm	8 mm	10 mm	12.5 mm	15 mm	Provox Vega Plug	Provox Flush
Provox Vega 17 Fr	8110*	8111*	8112*	8113*	8114*	8115*	8119	8109
Provox Vega 20 Fr	8120*	8121*	8122*	8123*	8124*	8125*	8129	8109
Provox Vega 22.5 Fr	8130*	8131*	8132*	8133*	8134*	8135*	8139	8109
Provox Brush	7204	7204	7204	7204	7225	7225		
Provox Dilator	7211	7211	7211	7211	7211	7211		
Sterile, for single use. *Rx								
Includes: 1 Provox Vega Voice Prosthesis pre-loaded into 1 SmartInserter.								

Provox® Voice Prosthesis (“Provox 1”)

The original Provox voice prosthesis has 22.5 Fr diameter and is supplied with a Provox Guidewire for retrograde insertion.

Order information	Size	Rx	REF
Provox (1)	4.5 mm	Rx	7208
Provox (1)	6 mm	Rx	7200
Provox (1)	8 mm	Rx	7201
Provox (1)	10 mm	Rx	7202

Sterile, for single use.

Includes: 1 Provox Voice Prosthesis, 1 Provox Guidewire, 1 Scalpel, 1 Provox Brush.



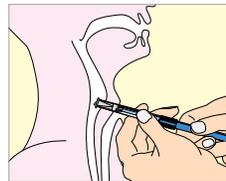
Provox®2 Voice Prosthesis

Provox2 is a 22.5 Fr diameter indwelling silicone voice prosthesis that can be inserted:

- immediately after TE puncture (primary or secondary), without the need for temporary stenting. This retrograde insertion method is to be performed by a physician or under the direction of a physician using the Provox Guidewire.
- as a replacement prosthesis for the Provox(1) or other voice prostheses.
- in an anterograde manner using the single-use insertion tool.

Order information	Size	Rx	REF
Provox2	4.5 mm	Rx	7216
Provox2	6 mm	Rx	7217
Provox2	8 mm	Rx	7218
Provox2	10 mm	Rx	7219
Provox2	12.5 mm	Rx	7221
Provox2	15 mm	Rx	7224
Provox2 Training Kit			7222
Provox2 Starter Kit		Rx	7223

Provox2 is sterile, for single use.
A Provox2 Training Kit is available to practice anterograde insertion.



Features

- low airflow resistance
- easy maintenance
- x-ray detectable

The stable flanges of the Provox2 voice prosthesis facilitate immediate confirmation of whether the device is correctly in place.

The slightly concave shape of the tracheal flange of the Provox2 voice prosthesis helps ensure a proper fit even if the puncture length changes slightly.

Provox® ActiValve®

Available in 22.5 Fr, the Provox ActiValve is designed for those who experience a short prosthesis lifetime (less than 4 – 8 weeks) caused by early leakage.

Provox ActiValve reduces the need for frequent replacements in a majority of users. Some people suffer from negative pressure in the pharynx/esophagus during swallowing or inhalation. The Provox ActiValve incorporates two small magnets, one in the valve and one in the outer ring which increases the pressure needed to open the prosthesis valve reducing the chance of inadvertent opening during swallowing or inhalation. Once the valve is open speech is easily achieved. Provox ActiValve is available in three different magnet strengths and is supplied non sterile.

The Provox ActiValve should be considered after a person has experienced approximately 5 consecutive short durations of another prosthesis (shorter than 4 to 8 weeks). Provox ActiValve is NOT intended for primary or secondary placement at the time of surgery.

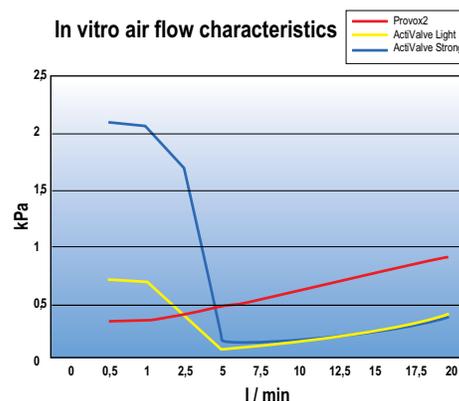


Order information	Size	Rx	REF
Provox ActiValve Light	4.5 mm	Rx	7150
Provox ActiValve Light	6 mm	Rx	7151
Provox ActiValve Light	8 mm	Rx	7152
Provox ActiValve Light	10 mm	Rx	7153
Provox ActiValve Light	12.5 mm	Rx	7154
Provox ActiValve Strong	4.5 mm	Rx	7160
Provox ActiValve Strong	6 mm	Rx	7161
Provox ActiValve Strong	8 mm	Rx	7162
Provox ActiValve Strong	10 mm	Rx	7163
Provox ActiValve Strong	12.5 mm	Rx	7164
Provox ActiValve XtraStrong	4.5 mm	Rx	7165
Provox ActiValve XtraStrong	6 mm	Rx	7166
Provox ActiValve XtraStrong	8 mm	Rx	7167
Provox ActiValve XtraStrong	10 mm	Rx	7168
Provox ActiValve XtraStrong	12.5 mm	Rx	7169
Provox ActiValve Lubricant (replacement)		-	7149

Provox ActiValve is non sterile, for single use.

Includes: 1 Provox ActiValve Voice Prosthesis, 1 single-use insertion tool,

2 Provox Brush, 1 Provox ActiValve Lubricant, 1 User Card.



The Provox ActiValve Satisfaction Guarantee

If for any reason the Provox ActiValve fails to perform during the warranty period as per the Instructions For Use (IFU), Atos Medical Inc. will replace the prosthesis or apply a credit toward the purchase of any other Atos Medical voice product up to 120 days from the original placement date. This warranty is limited to the leakage through the prosthesis identified by a clinical professional. The Satisfaction Guarantee does not cover device removal or dislodgement due to diagnostic tests, treatment procedures or improper care. Please contact Atos Medical Customer Service for more details.

A prospective study by Graville, et al., followed laryngectomized patients who experienced persistent below-average TEP life and switched to using the Provox ActiValve voice prosthesis. 73% of the participants experienced significant improvement as a result of using the device. They demonstrated an average increase in device-life of more than 500%, going from an average of 1.93 months with a traditional indwelling device to 10.30 months with the Provox ActiValve Voice Prosthesis. The study concluded that the Provox ActiValve device is effective in increasing device life in selected patients who have failed conservative measures. Overall, there were significant annual cost-savings per person as result of using ActiValve in this population.

Literature reference: Graville DJ, Palmer AD, Andersen PE, Cohen JI Determining the Efficacy and Cost-Effectiveness of the ActiValve: Results of a Long-term Prospective Trial. The Laryngoscope 2011; 121(4): 769-776.

Provox® NiD™ - Non-Indwelling Voice Prosthesis

For nearly two decades, clinicians from all over the world have known that the indwelling Provox voice prosthesis offers excellent function, reliability, and safety. For years, the Provox NiD has performed in the same way but in a convenient “patient changeable” prosthesis. The laryngectomee can insert, remove and clean this voice prosthesis themselves while preserving the key features and proven quality of a Provox device.

Provox® NiD™ Voice prosthesis



- Patients may insert, remove and clean the device themselves.
- Sturdy, durable materials and construction.
- The Provox NiD is attached to a strong polypropylene cord with a safety medallion that is too wide to fall into the tracheostoma.
- Low airflow resistance.
- In-situ cleaning possible with dedicated cleaning tools.
- Available in 17Fr and a 20Fr diameter along with the most popular lengths.



Order information	Size	Rx	REF	Order information	Size	Rx	REF
Provox NiD 17	6 mm	Rx	7101	Provox NiD 20	6 mm	Rx	7111
Provox NiD 17	8 mm	Rx	7102	Provox NiD 20	8 mm	Rx	7112
Provox NiD 17	10 mm	Rx	7103	Provox NiD 20	10 mm	Rx	7113
Provox NiD 17	12 mm	Rx	7104	Provox NiD 20	12 mm	Rx	7114
Provox NiD 17	14 mm	Rx	7105	Provox NiD 20	14 mm	Rx	7115
Provox NiD 17	18 mm	Rx	7106	Provox NiD 20	18 mm	Rx	7116

Inserter of corresponding size included. Non sterile, ready for use. For single patient use.

Provox® Dilator 17 Fr / 20 Fr

The Provox Dilator is designed to facilitate replacement and insertion of the Provox NiD prosthesis. It serves to keep the tracheoesophageal puncture open after removal of and/or prior to the insertion of the Provox NiD. A small circular ridge helps to keep the Provox Dilator in place and reduces the tendency of it sliding out.

Order information	Rx	REF
Provox Dilator 17	Rx	7122
Provox Dilator 20	Rx	7123
Non-sterile, reusable, sterilizable		



Professional Accessories



Provox® Trocar with Cannula

This instrument is used for making primary or secondary TE punctures. The Provox Trocar is preferred to a scalpel, because it **creates a round puncture** and the surrounding **tissue remains intact**. After the trocar is withdrawn, the Provox Guidewire is inserted through the Cannula.

Order information	Quantity	Rx	REF
Provox Trocar	1 pc	Rx	7203
Instrument steel, non sterile, reusable, sterilizable.			

Provox® Pharynx Protector



The Provox Pharynx Protector helps **protect the pharyngeal walls** from accidental piercing during primary TE puncture. It can also reduce the risk of injury to the surgeon.

Order information	Quantity	Rx	REF
Provox Pharynx Protector	1 pc	Rx	7210
Provox Pharynx Protector O-Ring	1 pc	Rx	7209
Instrument steel, non sterile, reusable, sterilizable.			

Provox® Guidewire

The Provox Guidewire **enables retrograde insertion** of Provox(1), Provox2 and Provox Vega prostheses. The tip contains a retainer slit into which the safety strap of the prosthesis is held. There is also a stop on the guidewire shaft to allow extraction of the old prosthesis (after the tracheal flange has been cut off). The guidewire is not intended for pulling the prosthesis into the TE puncture; a non-toothed hemostatic forceps is recommended for this procedure.

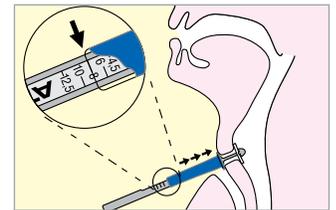


Order information	Quantity	Rx	REF
Provox Guidewire	1 pc	Rx	7215
Sterile, for single use.			

Provox® Measure

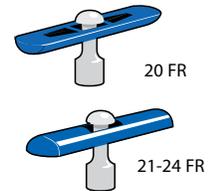
The Provox Measure is used to check the length (corresponding to **prosthesis size**) of TE puncture. The single-use flanges of Provox Measure can be attached to the instrument in two different ways, facilitating measurement of punctures made for different voice prosthesis diameters.

Note: Do not use in 16 Fr punctures without prior dilation to at least 20 Fr!



After reading the scale, the Provox Measure is removed by tilting.

Order information	Quantity	Size	REF
Provox Measure	1 pc	One size	7270
Provox Measure Flanges	5 pcs	One size	7271
Provox Measure instrument: Non sterile, reusable, sterilizable.			
Comes with 5 Provox Measure Flanges.			
Provox Measure Flanges: Non sterile, for single use.			



Provox® Dilator

The Provox Dilator is used for increasing the diameter of a TE puncture by **stepwise dilation**

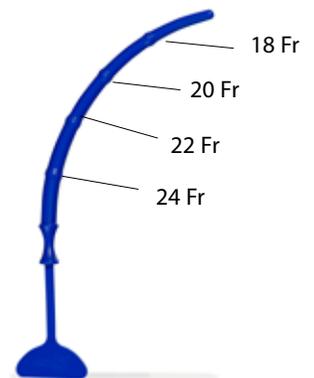
- when changing from a smaller to a larger diameter prosthesis.
- for temporary stenting of a TE puncture; irrespective of type and diameter of the voice prosthesis used.
- in case of a shrunken puncture, i.e. after the rare event of a lost voice prosthesis.

A retention collar at the end of each section **prevents** that section **from sliding back** to the preceding thinner section.

Diameter at tip: 15 Fr (increases to 24 Fr in one device).

Steps: 18, 20, 22, 24 Fr.

Order information	Quantity	Size	REF
Provox Dilator	1 pc	One size	7211
Silicone, non sterile, reusable, sterilizable.			



Provox® XtraFlange™

The Provox XtraFlange is a silicone ring (washer), intended to reduce periprosthetic leakage in patients using indwelling Provox voice prostheses. The device is colored white for better visibility. Provox XtraFlange may be indicated for periprosthetic leakage. Not available in Canada.



Order information	Quantity	Size	Rx*	REF
XtraFlange 22.5 Fr	1 pc	22.5 Fr	Rx	7275
XtraFlange 20 Fr	1 pc	20 Fr	Rx	7276
XtraFlange 17 Fr	1 pc	17 Fr	Rx	7277
Silicone, non sterile.				

User Accessories

Once a Provox Voice Prosthesis is in place, it usually requires little care. However, daily cleaning is important to maintain device function and prolong its lifetime.

Provox® Brush

The Provox Brush is made for cleaning the inside of any of the Provox voice prostheses without removing it from the TE puncture. Each brush may be used for a maximum period of 1 month. Available in two lengths.

Designed for improved cleaning and safety.

- Safety wings on the brush shaft that help prevent accidental aspiration of the Provox Brush
- Ball tip for safety
- Hexagonal rear end for application of the Provox Plug
- Reference number and size indication on the safety wings



Order information	Quantity	Size	REF
Provox Brush	6 pcs	4-10 mm	7204
Provox Brush XL	6 pcs	12-18 mm	7225

Non sterile, reusable. Single patient use. Can be used for ALL Provox Voice Prosthesis.



Provox® Flush



The Provox Flush is used to “flush” debris with air or water from the barrel of the prosthesis after brushing. Follow the instructions carefully when flushing with water.

Features:

- comfortable use
- allows flushing drinking water (under slight pressure) through the lumen of the prosthesis, thereby helping to clean the prosthesis from debris and food remnants



The Provox Flush can be a valuable addition to the regular use of the Provox Brush.

Order information	Quantity	Size	REF
Provox Flush (fits all Provox Voice Prostheses)	1 pc	one size	8109
Non sterile, reusable. For single patient use.			

An in vitro study about the use of Provox Flush. From the University of Groningen, the Netherlands:

“This study shows that use of the Provox Flush has a cleansing effect, especially on Provox2 voice prostheses, and furthermore suggests that daily airflow through voice prostheses as part of a daily maintenance scheme reduces biofilm formation and can be expected to prolong the life of these devices.”

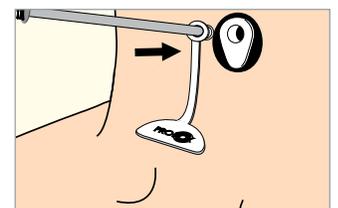
Free RH, Van der Mei HC, Elving GJ, Van Weissenbruch R, Albers FW, Busscher HJ: Influence of the Provox Flush, blowing and imitated coughing on voice prosthetic biofilms in vitro. *Acta Otolaryngol.* 2003 May;123(4):547-51.

Provox® Plug



The Provox Plug is a first-aid tool for **temporarily stopping leakage** through the prosthesis. The plug is inserted into the opening of the Provox voice prosthesis with the help of the non-bristled end of a Provox Brush. The medallion end can be taped to the skin if desired. Although speech is not possible while the Provox Plug is in place, it is possible again after removal of the plug by pulling on the safety strap.

Order information	Quantity	Size	REF
Provox Vega Plug 17 Fr	1 pc	17 Fr	8119
Provox Vega Plug 20 Fr	1 pc	20 Fr	8129
Provox Vega Plug 22.5 Fr	1 pc	22.5 Fr	8139
Provox Plug (Provox(1), Provox2 and ActiValve)	1 pc	One size	7205
Non sterile, reusable. For single patient use.			
Includes one Provox Brush.			



The Provox Plug can also be helpful to find out whether leakage occurs through or around the prosthesis.



Provox® HME System™

Increased mucus production and coughing are often experienced by laryngectomees due to breathing unconditioned air into the lungs. The Provox HME retains the heat and moisture necessary to compensate for lost pulmonary function. Its low-profile design also provides hygienic stoma occlusion.

Provox® HME Cassettes

The Provox HME cassette, the **24/7 HME**, is the core of Atos Medical's product line for effective pulmonary rehabilitation following a total laryngectomy. Many users of the Provox HME have experienced:

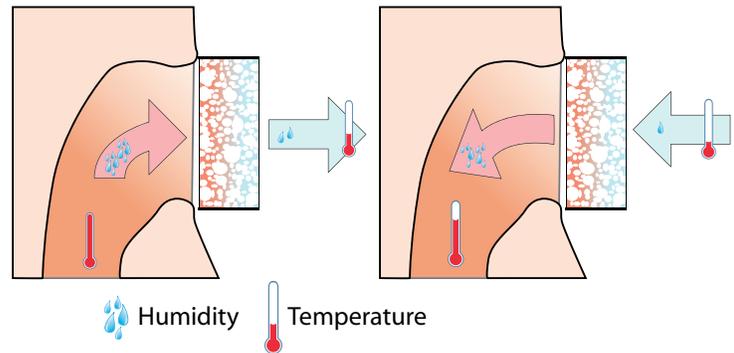
- Reduced mucus production
- Reduced coughing
- Improved pulmonary function
- Improved speech
- Hygienic stoma occlusion

Provox HME features:

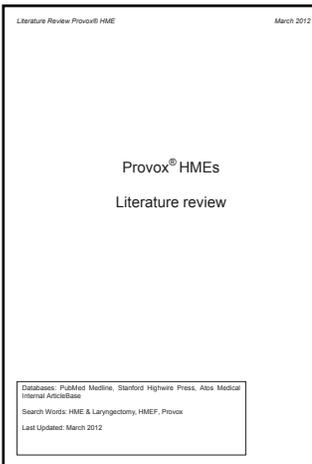
- Specially treated HME media to retain moisture
- Facilitates manual stoma occlusion, thereby improving speech as well as hygiene
- Beneficial side openings that enable airtight occlusion of the stoma even when the HME is covered by clothing, which means:
 - the HME can be discreetly hidden
 - less wet stains on the clothing



Provox HMEs: The 24/7 HME.
For use even when sleeping!



The HME acts like a condenser and helps to protect the airways.



Ask for the Provox HME Literature Review for a synopsis of studies supporting the benefits of HMEs.

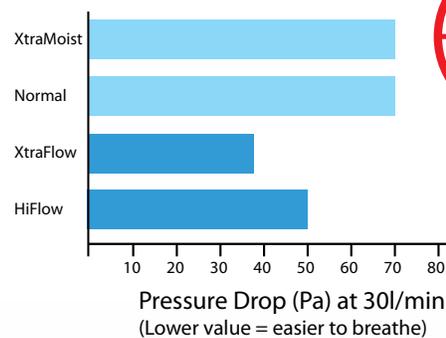
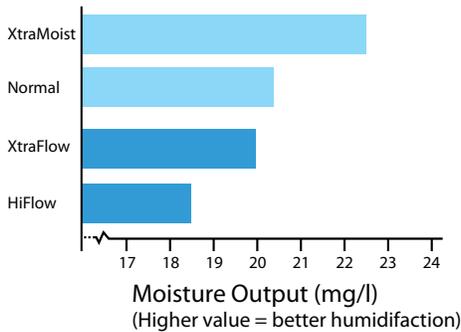
Provox® XtraHME™ - Your Nose Day and Night

XtraMoist HME™ has capacities closest to normal nasal function and the best humidification properties of all the Provox HMEs. Humidification is improved and good airflow is maintained for easy breathing. XtraMoist is recommended for those patients who have recently undergone a total laryngectomy, and for those already accustomed to using an HME.

XtraFlow HME™ delivers superior airflow while still providing good humidification. XtraFlow is great to use when exercising, adapting to using an HME, and for those that prefer lower resistance breathing.



Can be used even while sleeping!



When to use XtraFlow or XtraMoist

XtraMoist

For accustomed users and immediately after a total laryngectomy.

XtraFlow

For non-accustomed users and during exercise.



Order information	Quantity	Rx	REF
Provox XtraMoist HME	30 pcs		7290
Provox XtraFlow HME	30 pcs		7291
Provox HME Cassette Normal	30 pcs	Rx	7242
Provox HME Cassette Normal ColorSplash - Beige	30 pcs	Rx	7242C
Provox HME Cassette HiFlow	30 pcs	Rx	7243
Provox HME Cassette HiFlow ColorSplash - Beige	30 pcs	Rx	7243C
Non sterile, for single use (max. 24 hours).			

Provox® Micron™ HME

Without compromising pulmonary rehabilitation and user friendliness, Atos Medical has combined the proven reliability of the Provox HME with a highly effective electrostatic filter.

The Provox Micron HME is designed to be worn in front of the tracheostoma and the integral filter helps to filter small airborne particles, e.g. bacteria, viruses, dust and pollen. The HME part of the Provox Micron is clinically proven to improve the airway climate. It is compatible with the Provox System, and can be attached using Provox Adhesive Baseplates, a Provox LaryTube™ or a Provox LaryButton™.



Key features:

- Based on the original Provox HME cassette
 - Provides the same HME capabilities as our HiFlow HME cassette
 - Easy occlusion for voicing
 - Lateral airflow for discrete use and optimal hygiene
- Electrostatic filter material
 - Bacterial Filtration Efficiency (BFE): $\geq 99.8\%$
 - Virus Filtration Efficiency (VFE): $\geq 99.8\%$
- Oval shaped and soft outer material
- Fits all the attachment devices in the Provox System

Electrostatic filter

Electrostatic air filters are intended to filter particles, which are considered harmful to the pulmonary system. These particles can be of different types, like pollen, street dust and water droplets, which can contain bacteria or viruses.*

Order information	Quantity	Rx	REF
Provox Micron HME	5 pcs	Rx	7247
Provox Micron HME	30 pcs	Rx	7248

Non sterile, for single use (max. 24 hours).

* filtration efficiency depends on size, speed etc of the particles.





Provox® StabiliBase™

The New Standard in Adhesive Baseplates

Provox StabiliBase offers an innovative and unique 3-piece peel-off liner and a sturdy convex shape supported by stabilizing bars. These design features simplify application, provide stability and support during speech and increase device life time of the adhesive in the majority of users.



Long lasting adhesive and voicing

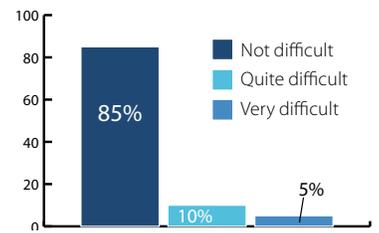
Study results showed that, on average, the StabiliBase adhesive stayed on for 16 hours longer than FlexiDerm or XtraBase. Removal was reported to be just as easy.

FreeHands users reported that with StabiliBase they could use their FreeHands device for significantly more hours than with FlexiDerm or XtraBase.



Innovative 3-piece peel-off liner for easy handling

The peel-off liner is designed in three pieces, allowing the middle section to be placed first, for easy attachment.

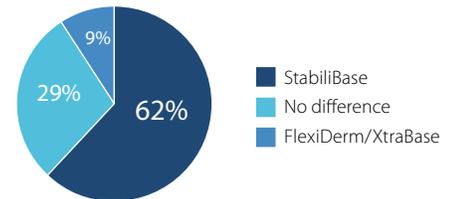


Was it difficult to put the adhesive on correctly?



Comfort and fit

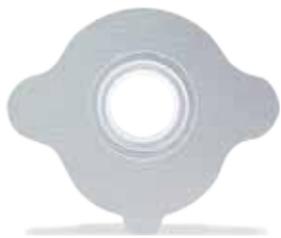
The Provox StabiliBase adhesive, with its convex shape and stabilizing bars, is designed to have a good stoma fit, especially for users with deep stomas. The majority of users found the StabiliBase to be comfortable and to fit well.



Which adhesive fits better in/on your stoma?

Order information	Quantity	REF
Provox StabiliBase Adhesive	15 pcs/box	7289
Provox StabiliBase Adhesive	1 pc/box	7299

More Provox® Adhesives



FlexiDerm Oval



FlexiDerm Round



OptiDerm Oval



OptiDerm Round



Regular Oval



Regular Round

FlexiDerm™ is very flexible and has the strongest adhesive properties. It is especially suitable for patients who prefer a very soft and flexible adhesive. Due to the type of glue used, any residual glue should be removed with a suitable skin cleanser. Average durability: 48 hours.

OptiDerm™ is intended for patients with sensitive skin or if the skin is not yet healed, e.g. after surgery and/or irradiation. OptiDerm absorbs moisture, is gentle to the skin and needs less frequent replacement. Average durability: 36 hours.

Regular is a transparent adhesive. It is less flexible and sticky than FlexiDerm. It leaves less residual glue, is easier to handle and more comfortable to use. This adhesive is recommended for persons with a regular (normal) stoma and skin. Average durability: 24 hours.

Order information	Quantity	REF
FlexiDerm Oval	20 pcs	7254
FlexiDerm Round	20 pcs	7253
OptiDerm Oval	20 pcs	7256
OptiDerm Round	20 pcs	7255
Regular Oval	20 pcs	7252
Regular Round	20 pcs	7251

Non sterile, for single use.

Provox® XtraBase®

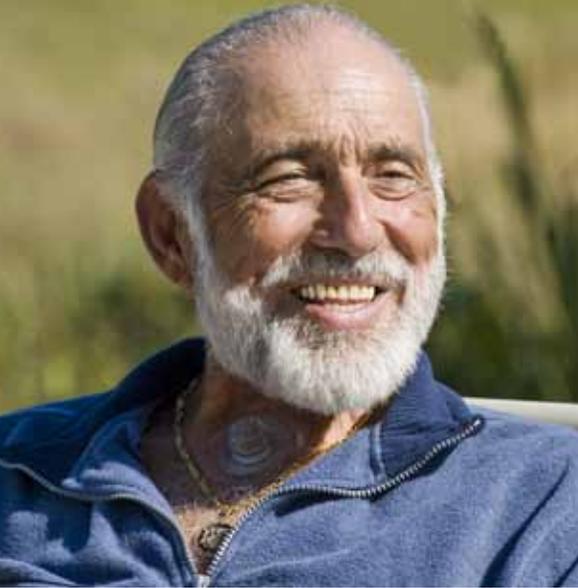


Provox XtraBase is a convex self-adhering base plate. The adhesive properties of the popular FlexiDerm base plate and Provox XtraBase are alike. But thanks to its special shape, Provox XtraBase helps in many cases to achieve an optimized fit and even longer durability.

This may be most beneficial in case of using an automatic tracheostoma valve (Provox FreeHands HME). Beyond that, Provox XtraBase may improve stoma attachment in many other cases where firm skin contact is desired.

Order information	Quantity	REF
Provox XtraBase	20 pcs	7265

Non sterile, for single use.



Skin Preparations and Cleansers

Proper skin preparation is essential for users of Provox HMEs. Provox FreeHands® users also benefit from optimal cleaning around the tracheostoma.

Stoma Care®

Stoma Care Natural Aloe Based Skin Care Wipes provide a soothing, moisturizing, non-greasy base for the skin around the stoma prior to the application of adhesives and/or tape. These aloe-enhanced wipes come in a box of 50 individually wrapped packets that are ideal for daily use and travel.



Order Information	Quantity	REF
Stoma Care Wipes	50 pcs	TT600

Skin Tac Wipe™

Skin Tac improves adhesion of appliances and tape to the skin. Also works as a barrier between tape and skin to reduce irritation. Convenient single use packets are ideal for travel and to maintain good hygiene. Skin Tac is hypo-allergenic and latex-free. Remove with rubbing alcohol. For external use only.



Order Information	Quantity	REF
Skin Tac Wipe	50 pcs	MS407W

TacAway®

Ideal for removing glue and stubborn adhesive residue around the stoma when changing the Provox® Adhesives. Stoma Care, Skin Tac and TacAway manufactured by Torbot Group Inc.

Order information	Quantity	REF
TacAway	50 pcs	MS408W



Skin Prep™

The original Skin-Prep improves the stickiness of our adhesive baseplates by forming a thin protective barrier on the skin.

Order Information	Quantity	REF
Skin Prep	50 pcs	420400



Remove™

This product is used to remove medical tape and any residue left behind from the application of base plates (from silicone glue). It is recommended that Remove first be applied directly on top of a base plate where it penetrates the material (best with Provox® FlexiDerm™). After use, the skin is oily and has to be cleaned (water and non-oily soap or Provox Cleaning Towel) before using a new adhesive.

Order Information	Quantity	REF
Remove	50 pcs	403100



Provox® Cleaning Towel

Provox Cleaning Towels remove oil from the skin. They are alcohol-based and non-perfumed.

Order Information	Quantity	REF
Provox Cleaning Towel	200 pcs	7244



Provox® Silicone Glue

Provox Silicone Glue is a liquid glue for skin application that cures on contact with the air. Long-term use may cause skin irritation and does not work for everybody. The use of Skin-Prep before application of silicone glue is normally recommended.

Order information	Quantity	REF
Provox Silicone Glue	40 ml	7720
Bottle with brush cap, non sterile. For multiple application.		



Kapi-Gel® Tracheostoma Spacer

Kapi Gel® Tracheostoma Spacer is a 43 mm diameter, 5 mm thick circular, tacky, laminated silicone gel spacer available in two center hole openings to accommodate different diameter tubes and Buttons. (8 mm opening fits tubes or buttons with <14 mm OD, 12 mm opening fits tubes or buttons with >12 mm OD)

Kapi-Gel spacers are intended to help create a better seal around tracheostoma support devices and are suitable for uneven stoma anatomy.

Kapi-Gel can improve tracheostoma device fitting, act as a cushion behind tubes and buttons during digital occlusion, and may help reduce air leakage.



Order information	Size	Quantity	REF
Kapi-Gel Tracheostoma Spacer	8 mm	10 pcs	LATNG4008
Kapi-Gel Tracheostoma Spacer	12 mm	10 pcs	LATNG4012





Hands-free Speech

The Provox® FreeHands HME® combines a Heat and Moisture Exchanger (HME) with an easy-to-operate automatic tracheostoma valve that allows speaking without manual stoma closure. It has many built-in features that makes it easy to use, and it requires only minimal handling and maintenance.

The Provox FreeHands HME enables voice prosthesis users to have all benefits of an HME combined with hands-free speech.

Provox® FreeHands HME®

The Provox FreeHands HME works very well with a Provox StabiliBase baseplate. However, it is also compatible with any of the other Provox Adhesive baseplates or LaryButtons.

Designed for maximum discretion:

- Small size
- Transparent color
- Side openings (to allow for airflow even when covered with clothing)

Easy operation:

- To turn ON or OFF, simply rotate the FreeHands in place
- 3-varying strengths, easy-to-replace membranes (included) to match with the laryngectomy's individual closing resistance

The clinician should adjust the device for the user by choosing a suitable membrane and checking the proper function of the cough-relief valve.

DO NOT use the FreeHands HME Cassettes without the FreeHands Device or HME Cap.



Order information	Quantity	Rx	REF
Provox FreeHands HME (starter kit - see next page)		Rx	7710
Provox FreeHands HME Cassette	(30 pcs)	Rx	7711
Provox FreeHands Speech Valve Membrane, light (white dot) (includes 1 pc 7719)	1 pc	Rx	7713
Provox FreeHands Speech Valve Membrane, medium (blue dot) (includes 1 pc 7719)	1 pc	Rx	7714
Provox FreeHands Speech Valve Membrane, strong (green dot) (includes 1 pc 7719)	1 pc	Rx	7715
Provox FreeHands Cleaning and Storage Box	1 pc		7718
Provox FreeHands HME Adjustment Kit (1 safety screwdriver and 1 membrane replacement forceps)			7719
Provox FreeHands HME Replacement Device (Valve only)		Rx	7722
Provox FreeHands HME Replacement Device (Valve with light membrane)		Rx	7716
Provox FreeHands HME Replacement Device (Valve with medium membrane)		Rx	7717
Provox FreeHands HME Replacement Device (Valve with strong membrane)		Rx	7721

Provox® FreeHands HME® Starter Kit



Provox® FreeHands HME® Starter Kit contains:

- 1 valve unit (housing) with a medium (blue dot) membrane
- 5 FreeHands HME Cassettes (7712)
- 2 Provox XtraBase (7265)
- 1 Adjustment Kit (7719)
- 1 Speech Valve Membrane, light (white dot) (7713)
- 1 Speech Valve Membrane, strong (green dot) (7715)
- 1 Cleaning and Storage Box (7718)
- 5 Skin-Prep tissues

Order information	Rx	REF
Provox FreeHands HME Starter Kit	Rx	7710
Containing all above mentioned.		

Provox® HME Cap™

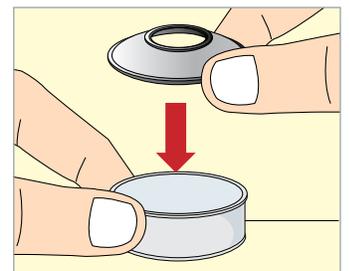
The Provox HME Cap is a dome-shape titanium ring that allows use of the special FreeHands HME cassettes without the Provox FreeHands HME valve unit. This can be convenient, e.g. **for night use** or if no regular Provox HME cassettes are available.

The HME Cap is snapped onto a FreeHands HME cassette and then used like a regular Provox HME cassette. Although the HME Cap lacks the benefits of a lid/spring valve mechanism and side openings (found in regular Provox HME cassettes), it does allow the stoma to be closed manually for speech.



DO NOT use the FreeHands HME Cassettes without the FreeHands Device or HME Cap.

Order information	Quantity	Rx	REF
Provox HME Cap matte titanium	1 pc	Rx	7730
Reusable, non sterile.			
Provox FreeHands HME Cassette	30 pcs	Rx	7711
Non sterile, for single use only.			



The Provox HME Cap is firmly attached to the FreeHands HME cassette and then inserted into the adhesive base plate holder. After a maximum use time of 24 hours, the cassette must be replaced.

Tracheostoma Support

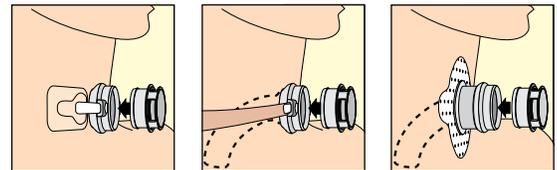
The Provox® LaryButton™ and Provox® LaryTube™ allow for use of Provox HME Cassettes to help laryngectomees achieve pulmonary protection and rehabilitation while keeping the stoma open. Provox LaryTubes also allow immediate postoperative use of an HME.

Both products are made of soft, flexible, yet sufficiently rigid silicone. The conical, anatomical shape helps to ensure an optimal seal around the stoma.

Provox® LaryTube™

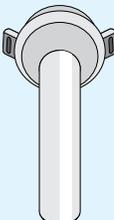
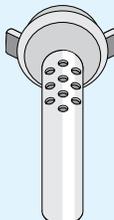
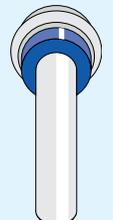
Available in three versions:

- The **Fenestrated version**, designed for use **in combination with a voice prosthesis**. Several small fenestrations are preferred over a single large one in order to prevent locking and accidental dislocation of the voice prosthesis. The Provox Brush (7204), normally used for cleaning Provox voice prostheses, is also suitable for cleaning the fenestrations of the LaryTube.
- The **Standard version**, made for use **without voice prosthesis** or when **customized fenestration** with the FenestrationPunch is preferred.
- The LaryTube **with Ring version**, to be worn **with an adhesive base plate**. Recommended if the LaryTube is only used during the night or with the Provox FreeHands HME to support the stoma seal.



The Standard and Fenestrated LaryTube devices are secured by Provox TubeHolder or Provox LaryClip. The LaryTube with Ring is held by an adhesive base plate.

To allow for proper selection and sizing, the Provox LaryTube Sizer Kit contains sterilizable and reusable tubes of all lengths and sizes.

Order Information	Standard	ID	OD	L	REF	Fenestrated	ID	OD	L	REF	with Ring	ID	OD	L	REF			
LaryTube 8/27		9.5	12.0	27	7601		-	-	-	-		-	-	-	-			
LaryTube 8/36		9.5	12.0	36	7602		9.5	12.0	36	7637		9.5	12.0	36	7624			
LaryTube 8/55		9.5	12.0	55	7603		9.5	12.0	55	7638		9.5	12.0	55	7625			
LaryTube 9/27		10.5	13.5	27	7605		-	-	-	-		-	-	-	-			
LaryTube 9/36		10.5	13.5	36	7606		10.5	13.5	36	7640		10.5	13.5	36	7626			
LaryTube 9/55		10.5	13.5	55	7607		10.5	13.5	55	7641		10.5	13.5	55	7627			
LaryTube 10/27		12.0	15.0	27	7609		-	-	-	-		-	-	-	-			
LaryTube 10/36		12.0	15.0	36	7610		12.0	15.0	36	7643		12.0	15.0	36	7628			
LaryTube 10/55		12.0	15.0	55	7611		12.0	15.0	55	7644		12.0	15.0	55	7629			
LaryTube 12/27		13.5	17.0	27	7613		-	-	-	-		-	-	-	-			
LaryTube 12/36		13.5	17.0	36	7614		13.5	17.0	36	7646		13.5	17.0	36	7630			
LaryTube 12/55		13.5	17.0	55	7615		13.5	17.0	55	7647		13.5	17.0	55	7631			
		Provox LaryTube Standard includes: 5 HiFlow Cassettes (7243).					Provox LaryTube Fenestrated includes: 5 HiFlow Cassettes (7243) and 1 Provox Brush (7204).					Provox LaryTube with Ring includes: 5 HiFlow Cassettes (7243), 1 FlexiDerm Oval (7254).						

ID = inner diameter, OD = outer diameter, L= length (in mm). All LaryTubes require a physician's Rx.

LaryTube Sizer Kit

Rx

REF 7648

Provox® LaryButton™



The Provox LaryButton™ is a short, self-retaining silicone tracheal cannula. It maintains the opening of the tracheostoma and acts as a holder for other rehabilitation devices of the Provox System including the Provox XtraHME cassettes and the Provox FreeHands HME.

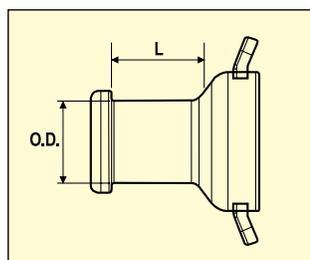
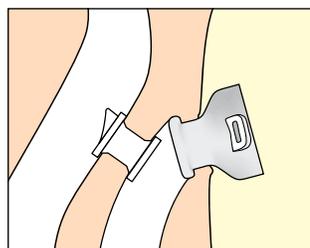
The main difference between the LaryButton and LaryTube is that the LaryButton is self-retaining in the stoma. Once inserted, it remains in position, taking advantage of the tissue elasticity of the tracheal opening which helps to hold it in place and provide an airtight seal. Of course it also helps to prevent the tracheostoma from shrinking.

If needed, wings which are attached to the outer rim of the Provox LaryButton may be used to secure the button with a Provox LaryClip or Provox TubeHolder in order to avoid accidental dislodgement. The Provox LaryButton is particularly well-suited for patients with a circumferential skin fold around the tracheostoma (so called “lip”), however other users may also benefit.

To allow for proper selection and sizing, the **Provox LaryButton Sizer Kit** contains sterilizable and reusable buttons of all lengths and sizes.

Key features:

- **Effective** - The conical shape facilitates a good fit as it allows the Provox LaryButton to be situated close to the stoma.
- **Compatible** - The Provox LaryButton is intended to be worn in combination with the Provox HME System with optimal fit and stability.
- **Soft** - The Provox LaryButton is constructed from soft silicone material and is atraumatically shaped to reduce negative side-effects such as stoma irritation and bleeding.



Order information	Rx	OD	L	REF
Provox LaryButton 12/8	Rx	12	8	7671
Provox LaryButton 14/8	Rx	14	8	7672
Provox LaryButton 16/8	Rx	16	8	7673
Provox LaryButton 18/8	Rx	18	8	7674
Provox LaryButton 12/18	Rx	12	18	7685
Provox LaryButton 14/18	Rx	14	18	7686
Provox LaryButton 16/18	Rx	16	18	7687
Provox LaryButton 18/18	Rx	18	18	7688
Non sterile, for single patient use. Maximum device lifetime 6 months.				
Provox LaryButton Sizer Kit	Rx			7690
Non sterile, reusable, sterilizable (Sizer Buttons and inner boxes).Outer tray can be cleaned in instrument washer.				
OD = outer diameter, L= length (in mm).				

Barton-Mayo™ Tracheostoma Button*

The Barton-Mayo Tracheostoma Button (Mayo Clinic) was developed to provide leakproof tracheostoma valve retention for near-total laryngectomy and total laryngectomy patients.

Some of the advantages of using a Barton-Mayo Tracheostoma Button include:

- Can be used with an HME (Heat and Moisture Exchanger).
- Enhances speech with “hands-free” stoma occlusion.
- Another option for positive stoma sealing.
- Reduces stoma contractions with a wide range of sizes available.



The Barton-Mayo Buttons listed below may not have been licensed in accordance with Canadian law.

Order info	Size	Models	Diameter (mm)	Length (mm)	Rx	REF
Barton-Mayo Tracheostoma Button	9	Short	13.5	15	Rx	ENBMB091
		Regular		22		ENBMB092
		Long		30		ENBMB093
Barton-Mayo Tracheostoma Button	10	Short	15.0	15	Rx	ENBMB101
		Regular		22		ENBMB102
		Long		30		ENBMB103
Barton-Mayo Tracheostoma Button	12	Short	17.0	15	Rx	ENBMB121
		Regular		22		ENBMB122
		Long		30		ENBMB123
Barton-Mayo Tracheostoma Button	14	Short	19.0	15	Rx	ENBMB141
		Regular		22		ENBMB142
		Long		30		ENBMB143
Barton-Mayo Sizing Kit	Includes trial buttons for each available Barton-Mayo Button					ENBMBKIT

* Manufactured by Medical Innovations International, Inc., USA.

Conversion chart

Barton-Mayo™ Button				Provox LaryButton		
REF		Diameter	Length	REF	Diameter	Length
9	Short	13.5	15	7671	12	8
	Regular	13.5	22	7685	12	18
	Long	13.5	30			
10	Short	15.0	15	7672	14	8
	Regular	15.0	22	7686	14	18
	Long	15.0	30			
12	Short	17.0	15	7673	16	8
	Regular	17.0	22	7687	16	18
	Long	17.0	30			
14	Short	19.0	15	7674	18	8
	Regular	19.0	22	7688	18	18
	Long	19.0	30			

Provox® LaryClip™

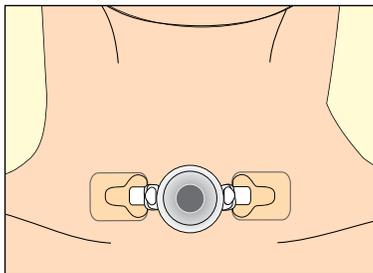
The patented Provox LaryClip is a two-piece system that helps to optimize the airtight attachment of the Provox LaryButton and the Provox LaryTube to the stoma.



It consists of a square adhesive base and a hook-and-loop clip that allows for optimal fit to the wings of the Provox LaryButton and LaryTube. When the adhesive base is attached to the skin at both sides of the stoma and is eventually removed due to loss of its stickiness, the Clip part can be removed and re-attached as needed.

Features

- Increases the usability of the Provox LaryButton
- Simple touch fasten/unfasten solution
- Strong FlexiDerm adhesive properties
- May be taped to the most optimal area to the skin around the stoma
- An alternative to the use of neckbands



Order information	Quantity	REF
Provox LaryClip	1 set: 8 pcs LaryClip, 40 pcs LaryClip Base	7669
Non sterile, for single patient use.		



Other Accessories

Provox® FenestrationPunch



The Provox FenestrationPunch is used for making small fenestrations in the LaryTube at the desired location.

Order information	Quantity	REF
Provox FenestrationPunch	1 pc	7654
Non sterile, reusable, sterilizable.		

Provox® TubeBrush



The Provox TubeBrush is used for cleaning the lumen of the Provox LaryTube.

Order information	Size	Quantity	REF
Provox TubeBrush (for LaryTube sizes 8 and 9)	8 mm	6 pcs	7660
Provox TubeBrush (for LaryTube sizes 10 and 12)	12 mm	6 pcs	7661
Non sterile, reusable.			

Provox® TubeHolder

The Provox TubeHolder has been developed exclusively for use with the Provox LaryTube and Provox LaryButton. The integrated clip connectors allow for optimal fit to the wings of the Provox LaryTube and LaryButton, which reduces the physical stress on the soft silicone material. The construction and design of the TubeHolder maximizes comfort and accommodates for movement of the neck while keeping the LaryTube or LaryButton in place.



Order information	Quantity	REF
Provox TubeHolder	1 pc	7668
Non sterile, reusable.		

Provox® ShowerAid

The Provox ShowerAid is used with Provox Adhesive Baseplates and the Provox LaryTube and LaryButton.



Order information	Quantity	REF
Provox ShowerAid	1 pc	7260
Non sterile, for single patient use, boilable. Includes: 1 Provox FlexiDerm Oval Adhesive (7254).		

Provox® BasePlate Adaptor

The Provox BasePlate Adaptor allows the attachment of other devices with ISO 15 mm standard connectors to a Provox Adhesive base plate, Provox LaryTube or Provox LaryButton.



Order information	Quantity	REF
Provox BasePlate Adaptor	1 pc	7263
Non sterile, for single patient use.		



Laryngectomy Pulmonary Kits

Provox Laryngectomy Kits provide all-in-one packaging for immediate postoperative 24/7 pulmonary rehabilitation and the option for ready to use surgical placement of the Provox Voice Prosthesis. The kits feature Provox HMEs - FDA approved for 24 hour use even while sleeping!

Immediate post-operative pulmonary care enhances patient outcomes

Clinical studies have shown that most laryngectomized patients who use a Provox Heat and Moisture Exchanger (HME) 24 hours a day, even while sleeping, experience reductions in:

- Mucus Production
- Coughing Forced Expectorations

Immediate postoperative use of the HME also lowers costs as compared to the use of an external humidifier³.

Provox Laryngectomy Pulmonary Kits provide convenient all-in-one customizable packaging supporting pulmonary care as well as communication needs. Standard and custom packaging options are available, the choice is yours!



Standard Pulmonary Kit:

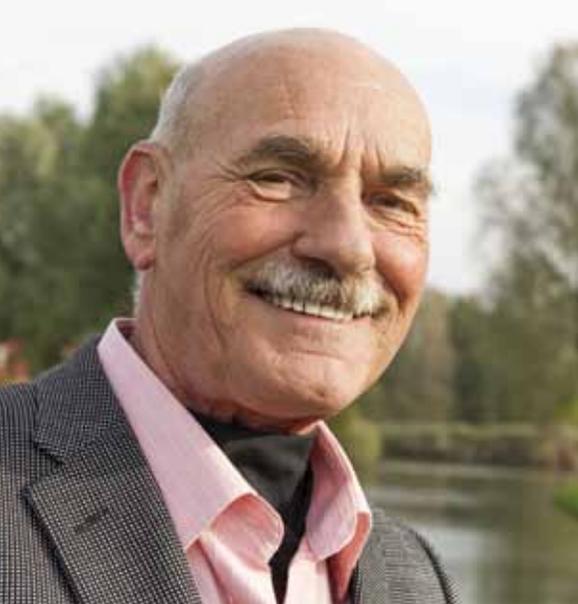
- Provox® XtraFlow HME™ (30 pcs)
- Provox® LaryTube™ (standard)
- Provox® Tubeholder
- Provox® TubeBrush (6 pcs)
- Provox® ShowerAid
- Care Tips educational materials for the Laryngectomee



Custom Options Available:

- Provox® Vega™ Voice Prosthesis
- Provox® Guidewire
- Provox® LaryTube™ (standard, fenestrated or with ring)
- Provox® OptiDerm™ Adhesives
- Artificial Larynges: Liberty™, SolaTone™, TruTone™
- Stoma Shower Protection
- TheraBite® Jaw Motion Rehabilitation System™

To discuss the option that best fits your needs contact your Atos Medical Customer Representative at 1.800.217.0025.



Stoma Covers

Atos Medical Inc. now offers fashionable stoma covers available in machine washable styles and versatile colors as well as in medical-grade foam.



Stoma Covers

- 100% Polyester 4 ply fabric
- Discreet coverage
- Seven versatile colors
- Easily Adjustable Neck Strap from 13 1/4 to 18 inches or 34 to 46 cm
- Machine Washable
- Dimension: Approx. 9 1/2 inches wide and 8 1/4 inches long (24 cm wide and 22 cm long)



Stoma Covers		
Item Number	Color	Material
RSC WH	WHITE	4-PLY Polyester
RSC BE	BEIGE	4-PLY Polyester
RSC NA	NAVY	4-PLY Polyester
RSC GR	GRAY	4-PLY Polyester
RSC LB	TURQUOISE	4-PLY Polyester
RSC BU	BURGUNDY	4-PLY Polyester
RSC BL	BLACK	4-PLY Polyester

Stoma Covers



Velcro® fastener



RSC WH



RSC BE



RSC NA



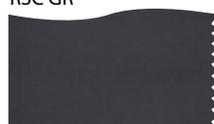
RSC GR



RSC LB



RSC BU



RSC BL



Mock Turtle Neck Covers

- Mock Turtle Neck Style
- Discreet Coverage
- Comfortable 80/20 Poly/Cotton Blend resists shrinkage and color fade
- Machine Washable
- 3 Available Colors
- Adjustable neck collar: from 12 to 21 inches (31 to 53 cm)
- Dimensions: Approx. 10 inches wide and 8 inches long (25 cm wide and 20 cm long)



Mock Turtle Neck

Mock Turtle Neck Covers		
Item Number	Color	Material
RTNSC BL	BLACK	Cotton/Poly Blend
RTNSC NA	NAVY	Cotton/Poly Blend
RTNSC WH	WHITE	Cotton/Poly Blend



RTNSC BL



RTNSC NA



RTNSC WH



Foam Stoma Covers with two adhesives

Foam Stoma Covers

- Lightweight Medical-Grade Foam
- Available in White and Beige
- Two Adhesive Strips for the option of securing with one or both strips
- Packaged in bags of 30 individually wrapped pieces
- Available Dimensions:
 - 2.56 X 2.56 inches (65 x 65 mm)
 - 1.97 x 2.56 inches (50 x 65 mm)

Foam Stoma Covers			
Item Number	Color	Material	Size
RFFWH2	WHITE	Foam	65 x 65 mm
RFFFL1	BEIGE	Foam	50 x 65 mm
RFFFL2	BEIGE	Foam	65 x 65 mm



Electrolarynges

Atos Medical is proud to offer the full line of Griffin™ Laboratories electrolarynges. Our customers have the freedom to choose a primary or back-up electronic speech aid with the features, pricing and warranties that can only be found through Atos Medical.

Liberty™ Electronic Speech Aid



GOOD*

Atos Medical Exclusive Value Priced Speech Aid

- External Volume and Pitch
- AA battery Operation
- 3 Year Manufacturer Warranty
- Order REF: K306

All speech aids include:
9v Battery Charger (where applicable), Oral Adapter and Straws,
lanyards and batteries.

SolaTone™ Electronic Speech Aid



BETTER*

Wide frequency range

- Light weight, small size and durable
- 9v Rechargeable and Standard Battery Operation
- Exclusive Full 3 year Drop and Soak Warranty
- Order REF: K276

TruTone™ Electronic Speech Aid



THE BEST!*

The only instrument available with natural intonation

- Single Pressure-Sensitive Button, for Natural Expression
- Pitch adjustment, allowing for masculine or feminine voice
- Light Weight, Small Size and Extremely Durable
- 9v Rechargeable and Standard Battery Operation
- **Atos Medical Exclusive Full 5 Year Drop and Soak Warranty**
- Order REF: K101

*Comparisons are within the line of Griffin Products.

Your voice is important. Make sure you choose the best!

	Good** For Backup EL			Better**			Best** For Primary Voicing		
	<i>Liberty™</i> <small>Electronic Speech Aid</small>	ADDvox™ Clarus™	Blom-Singer® EL1000	<i>SolaTone™</i> <small>Electronic Speech Aid</small>	Romet® R355CP	Servox® Inton	<i>TruTone™</i> <small>Electronic Speech Aid</small>	Romet® R200	Servox® Digital
Single-Button Intonation?	NO	NO	NO	NO	NO	NO	YES	NO	NO
Smallest Size? ¹	YES	NO	NO	YES	NO	NO	YES	NO	NO
Battery Operation	2x AA Alkaline	9 Volt Alkaline	9 Volt Alkaline	9 Volt Rechargeable	Permanent 2x 3.7 Volt Rechargeable	7.2 Volt Rechargeable	9 Volt Rechargeable	9 Volt Rechargeable	7.2 Volt Rechargeable
USB Charging Available?	NO	NO	NO	YES	NO	NO	YES	NO	NO
Oral Adapter w/ Straws?	YES	YES	YES	YES	YES	YES	YES	YES	YES
Volume (dB) Range	63-81	61-78	67-81	62-82	72-82	59-80	62-82	76-80	59-81
Frequency (Hz) Range	58-133	73-89	59-117	36-171	85-111	54-185	43-400	71-89	61-128
Battery Life ²	6 Hours	3.1 Hours	1.4 Hours	4.3 Hours	3.4 Hours	2 Hours	4.3 Hours	3.8 Hours	1 Hour
# of Included Batteries	2	1	1	2	1	2	2	2	2
Weight w/ Battery	4.3oz	4.6oz	4.6oz	4.5oz	4.5oz	5.7oz	4.5oz	4.5oz	5.5oz
Lanyard?	YES	YES	YES	YES	YES	YES	YES	YES	YES
Warranty ³	3-Year*	3-Year	3-Year	3-Year Drop & Soak™	Full 3-Year	2-Years	5-Year Drop & Soak™	Full 5-Year	2-Years

*3-Year Manufacturer's Warranty. Additional Drop&Soak Warranty Available

¹ Size based on overall unit length.

² Time until unit volume was reduced to 60dB using supplied battery sold with unit.

³ 5-Year and 3-Year Drop&Soak Warranties offered through ATOS Medical.

Servox Inton and Digital is also available through Atos Medical Inc.

The test was conducted using a Calibrated IEC 651 Type II Db Meter with calibration certifications set for DbC.

Tests were performed in open air (not with a user) at 12" in a sound isolation chamber with an average ambient SPL of 45Db.

All tests were completed by Griffin Laboratories

**Comparisons are within the line of Griffin Products.



Servox® Inton Speech Aid

- Titanium Sleeve
- Adjustable Pitch
- External Volume Wheel
- Base and Accentuation Buttons
- Comes with Setting Screwdriver
- 2 Year Warranty
- REF: 15529



Servox® Digital Speech Aid

- Programmable Base and Accentuation settings
- Titanium Sleeve
- Adjustable Pitch
- External Volume Rocker Switch
- 2 Year Warranty
- REF: 17140

Both Servox Electrolarynges come with LA2.40 charger, NiMH battery, oral adapter and straws, hip bag and carrying cord.



Jaw Motion Rehabilitation

Atos Medical offers the TheraBite® Jaw Motion Rehabilitation System™ which utilizes repetitive passive motion and stretching to restore mobility and flexibility of the jaw musculature, associated joints and connective tissues. It is a clinically proven, portable, effective system that is available in Adult and Pediatric versions to help increase the range of motion of the jaw and reduce pain.

The TheraBite Jaw Motion Rehabilitation System consists of several components to meet your treatment objectives:



The TheraBite Device with:

Range Setting Arm

The position of the Range Setting Arm can be adjusted between 25-45 mm and is used to determine maximum opening appropriate to each stage of rehabilitation.

Fine Adjustment Knob

The Fine Adjustment Knob can be used to regulate opening distance if needed.



Bite Pads

The self-adhesive Bite Pads spread the force across the teeth and can be trimmed for customized protection. The Bite Pads come in adult, pediatric and edentulous versions.



Range of Motion Scales

The disposable Range of Motion Scales allow the patient and his/her clinician to monitor progress.



Order information	Quantity	REF
TheraBite® Jaw Motion Rehabilitation System™, Adult	1 pc	TH001
TheraBite® Jaw Motion Rehabilitation System™, Pediatric	1 pc	TH002
The TheraBite® Jaw Motion Rehabilitation System™ contents:		
• The Jaw Mobilizer	1 pc	
• Bite Pads	4 pcs	
• Hand-Aid	1 pc	
• Range of Motion Scale	30 pcs	
• Carrying Bag	1 pc	
• Instructions for Use	1 pc	
• Patient Progress Log	1 pc	
• TheraBite Instructional DVD	1 pc	
TheraBite® Range of Motion Scale	150 pcs	SC001
TheraBite® Bite Pads, Regular	4 pcs	PA001
TheraBite® Bite Pads, Edentulous	4 pcs	PA002
TheraBite® Bite Pads, Pediatric	4 pcs	PA003
TheraBite Instructional DVD		
This 14-minute film provides useful information on trismus and demonstrates the functions and benefits of the TheraBite system. This DVD is divided into several chapters and features testimonials from a former patient and two clinicians. Available in English only.	1 pc	7840-N



Hand-Aid

The Hand-Aid assists the patient in maintaining constant opening during stretching or strengthening programs as needed.



Patient Progress Log

The daily and monthly Patient Progress Log enables the user and his/her treating clinician to monitor progress.

Educational Material

At Atos Medical, we seek to increase awareness and knowledge regarding post-laryngectomy rehabilitation options. The following material we offer as a courtesy to the healthcare professional.

CareTips

The CareTips Patient Information Kit is a tool kit for the healthcare professional to use with their patient prior to and after their laryngectomy. This kit is given to the patient to assist them as they move forward with their new life as a laryngectomee.

This kit presents the opportunity for the patient to register with Atos Medical and continuously receive FREE:

- Atos Medical Service Benefits
- Product samples
- Product discounts
- Laryngectomee and caregiver educational support



Order information	REF
CareTips Patient Information Kit	ML067

Artificial Fistula Model

For practice and demonstration of the Provox Voice Prosthesis insertion and replacement methods.



Model Provox

Order information	REF
Artificial Fistula Model Provox	8201

“Life as a Laryngectomee” Brochure



Introduction to post-laryngectomy rehabilitation. Explains the rationale behind products. Contact Atos Medical Customer Service to receive this brochure in a wide spectrum of languages.

Order information	REF
Life as a laryngectomee	7962US

Instructional CD's and DVD's



Various instructional CD's and DVD's.

Order information	REF
A practical guide to post-laryngectomy rehabilitation – including the Provox System (CD-ROM)	ISBN 90-75575-05-X
Provox HME DVD	7969-N
Picture CD-ROM	7819
Olfaction CD	ISBN 90-75575-07-6
Rescue Breathing for Emergency Medical Personnel and First Responders	ML075
TheraBite Instructional DVD	7840-N



Provox® HME System Samples

Provox HME System Sample Kits, Packs and Bags allows users to test various base plates and cassettes for several days. The customer is then able to make an informed choice when ordering larger supplies. The Provox HME Let's Start Sample Kit has one of each adhesive to try and a 5 day supply of each of the Provox XtraHMEs. 5 Pack samples of the the Provox XtraFlow and XtraMoist HMEs are available as well as sample packs of each of Provox's high performing adhesives.



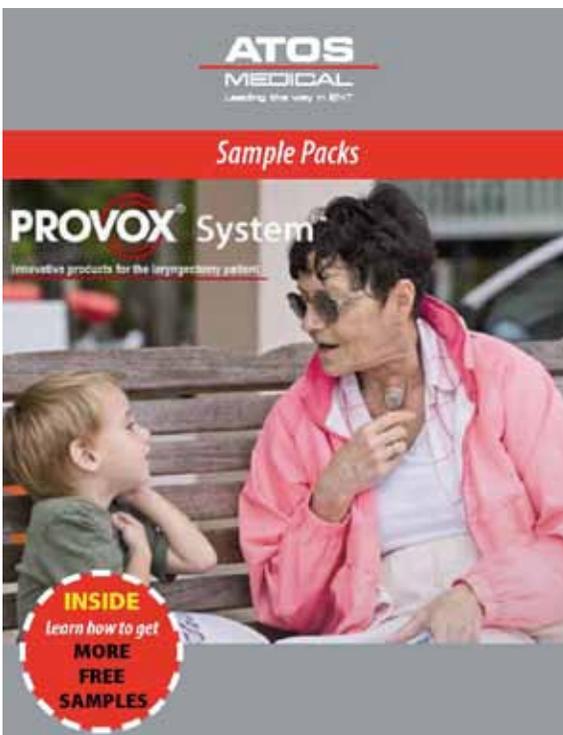
Patients should consult with their healthcare professional about which XtraHME and adhesive is appropriate.

Order information	Quantity	Products	Rx	REF
Provox HME Let's Start sample bag	1	of each Provox Adhesives (7251-7256 and 7265)		7257
	5	of each Provox XtraMoist & XtraFlow HME Cassettes		
	1	unit of Provox Cleaning Towels (7244)		

Non sterile, for single use.

Order information	Quantity	REF
Let's Start Sample Kit		7257A
Provox XtraFlow HME Sample Pack	5	7298
Provox XtraMoist HME Sample Pack	5	7297
Provox StabiliBase Sample Bag		7299A
Provox XtraBase Sample Bag	3	7265A
Provox FlexiDerm OVAL Sample Bag	3	7254A
Provox FlexiDerm ROUND Sample Bag	3	7253A
Provox OptiDerm OVAL Sample Bag	3	7256A
Provox OptiDerm ROUND Sample Bag	3	7255A
Provox Regular OVAL Sample Bag	3	7252A
Provox Regular ROUND Sample Bag	3	7251A

Non sterile, for single use.



Each Sample Kit, Pack and Bag contain a Customer Registration Card that gives the customer the opportunity to register for free samples, future product discounts and free educational information.

Provox® Starter Kits

Order information	Quantity	Products	Rx	REF
Provox FreeHands HME	1	Valve unit (housing) with a medium (blue dot) membrane	Rx	7710
	5	FreeHands HME Cassettes (77115)		
	2	Provox XtraBase (7265)		
	5	Skin-Prep Tissues		
	1	Adjustment Kit		
	1	Speech Valve Membrane, light (white dot) (7713)		
	1	Speech Valve Membrane, strong (green dot) (7715)		
	1	Cleaning and Storage Box (7718)		
Provox2 Starter Kit	1	of each Provox2 Voice Protheses (7216-7219 and 7221)	Rx	7223
	1	Provox Trocar (7203)		
	1	Provox Pharynx Protector (7210)		
	1	Provox Guidewire (7215)		
	1	Provox Measure (7270)		
	1	Set of Provox Brushes – 6 pcs (7204)		
	1	Provox Plug (7205)		
	1	Provox Flush (8109)		
	1	Provox2 Training Kit (7222)		
Provox HME Let's Start sample bag	1	of each Provox Adhesives (7251-7256 and 7265)		7257
	5	of each Provox XtraMoist & XtraFlow HME Cassettes		
	1	unit of Provox Cleaning Towels (7244)		



Index by Product Reference Numbers

REF:	Page	REF:	Page	REF:	Page	REF:	Page	REF:	Page
7101	8	7219	6	7625	23	7840-N	35, 37	ISBN 90-75575-07-6	37
7102	8	7221	6	7626	23	7962US	37	K101	32
7103	8	7222	6	7627	23	7969-N	37	K276	32
7104	8	7223	6, 39	7628	23	8109	5, 12	K306	32
7105	8	7224	6	7629	23	8110	5	LATNG4008	20
7106	8	7225	5, 11	7630	23	8111	5	LATNG4012	20
7111	8	7242	14	7631	23	8112	5	ML075	37
7112	8	7242C	14	7637	23	8113	5	MS407W	18
7113	8	7243	14	7638	23	8114	5	MS408W	19
7114	8	7243C	14	7640	23	8115	5	PA001	35
7115	8	7244	19	7641	23	8119	5, 12	PA002	35
7116	8	7247	15	7643	23	8120	5	PA003	35
7122	8	7248	15	7644	23	8121	5	RFFFL1	31
7123	8	7251	17	7646	23	8122	5	RFFFL2	31
7149	7	7252	17	7647	23	8123	5	RFFWH2	31
7150	7	7253	17	7648	23	8124	5	RSC-all colors	30
7151	7	7254	17	7654	27	8125	5	RTNSC BL	31
7152	7	7255	17	7660	27	8129	5, 12	RTNSC NA	31
7153	7	7256	17	7661	27	8130	5	RTNSC WH	31
7154	7	7260	28	7668	27	8131	5	SC001	35
7160	7	7263	28	7669	26	8132	5	TH001	35
7161	7	7265	17	7671	24	8133	5	TH002	35
7162	7	7270	10	7672	24	8134	5	TT600	18
7163	7	7271	10	7673	24	8135	5		
7164	7	7275	10	7674	24	8139	5, 12		
7165	7	7276	10	7685	24	8201	36		
7166	7	7277	10	7686	24	15529	33		
7167	7	7289	16	7687	24	17140	33		
7168	7	7290	14	7688	24	403100	19		
7169	7	7291	14	7690	24	420400	19		
7200	6	7299	16	7710	21, 22, 39	ENBMB091	25		
7201	6	7601	23	7711	21, 22	ENBMB092	25		
7202	6	7602	23	7713	21	ENBMB093	25		
7203	9	7603	23	7714	21	ENBMB101	25		
7204	5, 11	7605	23	7715	21	ENBMB102	25		
7205	12	7606	23	7716	21	ENBMB103	25		
7208	6	7607	23	7717	21	ENBMB121	25		
7209	9	7609	23	7718	21	ENBMB122	25		
7210	9	7610	23	7719	21	ENBMB123	25		
7211	5, 10	7611	23	7720	20	ENBMB141	25		
7215	9	7613	23	7721	21	ENBMB142	25		
7216	6	7614	23	7722	21	ENBMB143	25		
7217	6	7615	23	7730	22	ENBMBKIT	25		
7218	6	7624	23	7819	37	ISBN 90-75575-05-X	37		

Products listed in Alphabetical Order

Artificial Fistula Model 17, 20 and 22.5 Fr	36	Provox® Vega™ Voice Prosthesis	4, 5
Barton-Mayo™ Tracheostoma Button™	25	Provox® Voice Prosthesis (Provox 1)	6
CareTips	36	Provox®2 Voice Prosthesis	6
Foam Stoma Covers	31	Remove™	19
Instructional CD's and DVD's	37	Servox® Digital Speech Aid	33
Kapi-Gel® Traheostoma Spacer	20	Servox® Inton Speech Aid	33
Laryngectomy Pulmonary Kits	29	Skin Prep™	19
Liberty™ Electronic Speech Aid	32, 33	Skin Tac Wipe™	18
Life as a Laryngectomee Brochure	37	SolaTone™ Electronic Speech Aid	32, 33
Mock Turtle Neck Covers	31	Stoma Care®	18
Provox® ActiValve®	7	Stoma Covers	30
Provox® ActiValve Lubricant	7	Stoma Measure	28
Provox® Adhesives	17	TacAway®	19
Provox® BasePlate Adaptor	28	TheraBite® Jaw Motion Rehabilitation System™	34, 35
Provox® Brushes	11	TruTone™ Electronic Speech Aid	32, 33
Provox® Cleaning Towel	19		
Provox® Dilators	8, 10		
Provox® Fenestration Punch	27		
Provox® Flush	12		
Provox® FreeHands HME®	21		
Provox® FreeHands Starter Kit	22		
Provox® Guidewire	9		
Provox® HME Cap™	22		
Provox® HME System Samples	38		
Provox® HME Cassettes	13		
Provox® LaryButton™	24		
Provox® LaryClip™	26		
Provox® LaryTube™	23		
Provox® Micron™ HME	15		
Provox® Measure	10		
Provox® Measure Flanges	10		
Provox® NiD™ Voice Prosthesis	8		
Provox® Pharynx Protector	9		
Provox® Pharynx Protector Replacement O-Ring	9		
Provox® Plug	12		
Provox® ShowerAid	28		
Provox® Silicone Glue	20		
Provox® StabiliBase™ Adhesive	16		
Provox® Starter Kits	39		
Provox® Trocar with Cannula	9		
Provox® TubeBrush	27		
Provox® TubeHolder	27		
Provox® XtraFlange™	10		
Provox® XtraBase	17		
Provox® XtraHME	14		

Reference list

Provox® Voice Protheses

- Ward EC, Hancock K, Lawson N, van As-Brooks CJ. Perceptual characteristics of speech production using the new indwelling Provox Vega voice prosthesis: A randomized controlled cross-over trial. *Head & Neck*. In press 2010.
- Hancock K, Ward EC, Lawson N, van As-Brooks CJ. A RCT of two indwelling voice protheses: Patient preferences. 2009 Nov 20; New Orleans, LA, USA: ASHA; 2009.
- Hilgers FJ, Ackerstaff AH, Jacobi I, Balm AJ, Tan B, Van den Brekel MW. Prospective clinical phase II study of two new indwelling voice protheses (Provox Vega 22.5 and 20 Fr) and a novel antero-grade insertion device (Provox SmartInsert). *Laryngoscope*. In press 2010.
- Hilgers FJ, Ackerstaff AH, van RM et al. Clinical phase I/feasibility study of the next generation indwelling Provox voice prosthesis (Provox Vega). *Acta Otolaryngologica* 2010 April; 130(4):511-9.
- Bozec A, Poissonnet G, Chamorey E, Demard F, Santini J, Peyrade F, Ortholan C, Benezery K, Thariat J, Sudaka A, Anselme K, Adrey B, Giacchero P, Dassonville O. Results of vocal rehabilitation using tracheoesophageal voice prosthesis after total laryngectomy and their predictive factors. *European Archives of Otorhinolaryngology* 2010 May;267(5):751-8.
- Boscolo-Rizzo P, Marchiori C, Gava A, Da Mosto MC. The impact of radiotherapy and GERD on in situ lifetime of indwelling voice protheses. *European Archives of Otorhinolaryngology* 2008 July; 265(7): 791-6.
- Lam PK, Ho WK, Ho AC, Ng RW, Yuen AP, Wei WI. Long-term performance of indwelling tracheoesophageal speaking valves in Chinese patients undergoing laryngectomy. *Archives of Otolaryngology-Head and Neck Surgery* 2005 November;131(11):954-8.
- Kummer P, Chahoud M, Schuster M, Eysoldt U, Rosanowski F. [Prosthetic voice rehabilitation after laryngectomy: Failures and complications after previous radiation therapy.]. *HNO* 2006 April;54(4):315-22
- Bien S, Okla S. [Analysis of complications after surgical voice and speech rehabilitation in laryngectomized patients. Problems related to implantation and change of voice prosthesis]. *Otolaryngologia Polska* 2006;60(2):129-34.
- Terada T, Saeki N, Toh K et al. Voice rehabilitation with Provox2 voice prosthesis following total laryngectomy for laryngeal and hypopharyngeal carcinoma. *Auris Nasus Larynx* 2007 March;34(1):65-71.
- Boscolo-Rizzo P, Zanetti F, Carpené S, Da Mosto MC. Long-term results with tracheoesophageal voice prosthesis: Primary versus secondary TEP. *European Archives of Otorhinolaryngology* 2008 Jan; 265(1): 73-77.
- Padhya TA, Athavale SM, Morgan JM, McCaffrey TV. An alternative approach for secondary tracheoesophageal puncture in the difficult laryngectomy neck. *The Laryngoscope* 2008 Feb; 118(2): 266-269.
- Soolsma J, Van Den Brekel MW, Ackerstaff AH, Malm AJ, Tan B, Hilgers FJ. Long-term results of Provox ActiValve, solving the problem of frequent Candida- and "Underpressure"-related voice prosthesis replacements. *The Laryngoscope* 2008 Feb; 118(2): 252-257.
- Ramalingam WVBS, Chikara D, Rajagopal G, Mehta AR, Sarkar S. Tracheo-esophageal puncture (TEP) for voice rehabilitation in laryngectomized patients Blom-Singer vs Provox: Our experience. *Medical Journal of the Armed Forces India* 2007; 63(1): 15-18.
- Markowski J, Gierke T, Paluch J, Wardas P. The use of the vocal prosthesis Provox 2 for speech rehabilitation after total laryngectomy. *Otolaryngologia Polska* 2005;59(3):373-7. [Article in Polish]
- Hancock K, Houghton B, Van As-Brooks CJ, Corman W. First clinical experience with a new non-indwelling voice prosthesis (Provox NID) for voice rehabilitation after total laryngectomy. *Acta Otolaryngologica* 2005 Sep;125(9):981-90.
- Morshed K, Golabek W, Szymanski M, Olszanski W. Speech rehabilitation using Provox voice prosthesis. *Otolaryngologia Polska* 2005;59(2):225-8. [Article in Polish]
- Ameje D, Honraet K, Loose D, Vermeersch H, Nelis H, Remon JP. Effect of a buccal bioadhesive nystatin tablet on the lifetime of a Provox silicone tracheoesophageal voice prosthesis. *Acta Otolaryngologica* 2005 Mar;125(3):304-6.
- Kummer P, Chahoud M, Schuster M, Eysoldt U, Rosanowski F. Prosthetic voice rehabilitation after laryngectomy Failures and complications after previous radiation therapy. *HNO* 2006 April;54(4):315-22. [Article in German]
- Trussart C, Lawson G, Remacle M. Voice protheses: long-term follow-up retrospective study (three- to sixteen-year follow-up of 22 patients). *Revue Laryngologie-Otologie- Rhinologie (Bord)* 2003;124(5):299-304.
- Makitie AA, Niemensivu R, Juvas A, Aaltonen LM, Back L, Lehtonen H. Postlaryngectomy voice restoration using a voice prosthesis: a single institution's ten-year experience. *Annals of Otolaryngology and Laryngology* 2003 Dec; 112(12):1007-10.
- Hilgers FJ, Ackerstaff AH, Balm AJ, Van den Brekel MW, Bing Tan I, Persson JO. A new problem-solving indwelling voice prosthesis, eliminating the need for frequent Candida- and "underpressure"-related replacements: Provox ActiValve. *Acta Otolaryngologica* Oct;123(8):972-9.
- Free RH, Van der Mei HC, Elving GJ, Van Weissenbruch R, Albers FW, Busscher HJ. Influence of the Provox Flush, blowing and imitated coughing on voice prosthetic biofilms in vitro. *Acta Otolaryngologica* 2003 May;123(4):547-51.
- Op de Coul BMR, Hilgers FJM, Balm AJM, Tan IB, van den Hoogen FJA, van Tinteren H. A decade of post-laryngectomy vocal rehabilitation in 318 patients: A single institution's experience with consistent application of Provox® indwelling voice protheses. *Archives of Otolaryngology-Head & Neck Surgery* 2000 Nov;126(11):1320-8.
- BalleVH, Rindsø L, Thomsen JC. Primary speech restoration at laryngectomy by insertion of voice prosthesis – 10 years experience. *Acta Otolaryngologica* 2000; Suppl 543:244-245.
- Ackerstaff AH, Hilgers FJ, Meeuwis CA, van der Velden LA, van den Hoogen FJ, Marres HA, Vreeburg GC, Manni JJ. Multi-institutional assessment of the Provox®2 voice prosthesis. *Archives of Otolaryngology-Head & Neck Surgery* 1999 Feb;125(2):167-73.
- Laccourreye O, Menard M, Crevier-Buchman L, Couloigner V, Brasnu D. In situ lifetime, causes for replacement, and complications of the Provox® voice prosthesis. *Laryngoscope* 1997 Apr;107(4):527-30.
- Aust MR, McCaffrey TV. Early speech results with the Provox® [1] prosthesis after laryngectomy. *Archives of Otolaryngology-Head & Neck Surgery* 1997 Sep;123(9):966-8.
- Hilgers FJM, Ackerstaff AH, Balm AJM, Tan IB, Aaronson NK, Persson JO. Development and clinical evaluation of a second-generation voice prosthesis (Provox®2) designed for antero-grade and retrograde insertion. *Acta Otolaryngologica* 1997; 117: 889-896.
- Hilgers FJM, Balm AJM. Long-term results of vocal rehabilitation after total laryngectomy with the low-resistance, indwelling Provox® voice prosthesis. *Clinical Otolaryngology* 1993, 18:517-523.
- Hilgers FJM, Schouwenburg PF. A new low-resistance, self-retaining prosthesis (Provox®) for voice rehabilitation after total laryngectomy. *Laryngoscope* 1990; 100, 1202-1207.

Provox®HME, Provox FreeHands HME® and Laryngectomy Pulmonary Kits

- Scheenstra RJ, Muller SH, Vincent A, Ackerstaff AH, Jacobi I, Hilgers FJM. Short term endotracheal climate changes and clinical effects of a heat and moisture exchanger with an integrated electrostatic virus and bacterial filter developed for laryngectomized individuals. *Acta Otolaryngologica* 2009.

- Scheenstra RJ, Muller SH, Vincent A, Sinaasappel M, Zuur JK, Hilgers FJ. Endotracheal temperature and humidity measurements in laryngectomized patients: intra- and inter-patient variability. *Medical & Biological Engineering & Computing* 2009 Jul;47(7):773-82.
- Scheenstra RJ, Muller SH, Vincent A, Sinaasappel M, Hilgers FJ. Influence of breathing resistance of heat and moisture exchangers on tracheal climate and breathing pattern in laryngectomized individuals. *Head & Neck* 2009 December [Epub ahead of print]
- Bien S, Okla S, van As-Brooks CJ, Ackerstaff AH. The effect of a Heat and Moisture Exchanger (Provox HME) on pulmonary protection after total laryngectomy: a randomized controlled study. *European Archives of Otorhinolaryngology* 2010 March;267(3):429-35.
- Hamade R, Hewlett N, & Scanlon, E. (2006). A quantitative and qualitative evaluation of an automatic occlusion device for tracheoesophageal speech: the Provox FreeHands HME. *Clinical Linguistics and Phonetics*, 20, 187-193.
- Hilgers, F. J. & Ackerstaff, A. H. Development and evaluation of a novel tracheostoma button and fixation system (Provox LaryButton and LaryClip adhesive) to facilitate hands-free tracheoesophageal speech. *Acta Otolaryngologica* 2006 Dec; 126(11): 1218-1224.
- Zuur JK, Muller SH, Sinaasappel M, Hart GA, Van Zandwijk N, Hilgers FJ. Influence of heat and moisture exchanger respiratory load on transcutaneous oxygenation in laryngectomized individuals: a randomized cross-over study. *Head & neck* 2007 Dec; 29(12): 1102-1110.
- Zuur JK, Muller SH, Vincent A, Sinaasappel M, de Jongh FH, Hilgers FJ. Assessment of tracheal temperature and humidity in laryngectomized individuals and the influence of a heat and moisture exchanger on tracheal climate. *Head & Neck* 2008 Aug; 30(8): 1072-1082.
- Lorenz KJ, Huverstuhl K, Maier H. [Finger-free speech with the Provox FreeHands HME Automatic Tracheostoma Valve system. Clinical long-term experience.]. *HNO* 2009;57(11):1090-1098.
- Zuur JK, Muller SH, Vincent A, Sinaasappel M, de Jongh FH, Hilgers FJ. The influence of a heat and moisture exchanger on tracheal climate in a cold environment. *Medical & Biological Engineering & Computing* 2009 Sep;31(7):852-7. Epub 2009 May 28.
- Lorenz KJ, Maier H. [Pulmonary rehabilitation after total laryngectomy using a heat and moisture exchanger (HME)]. *Laryngorhinootologie* 2009;88(8):513-522.
- Lorenz KJ, Ackerstaff AH, Hilgers FJM, Maier H. Hands-free speech after surgical voice rehabilitation with a Provox® voice prosthesis: experience with the Provox® Freehands™ HME tracheostoma valve system. *European Archives of Otorhinolaryngology* 2007 Feb; 264(2):151-157.
- Hilgers FJM, Ackerstaff AH, Balm AJM, Gregor RT. A new heat and moisture exchanger with speech valve (Provox® [HME] Stomafliter). *Clinical Otolaryngology* 1996; 21: 414-418.
- Op de Coul BM, Ackerstaff AH, van As-Brooks CJ, van den Hoogen FJ, Meeuwis CA, Manni JJ, Hilgers FJ. Compliance, quality of life and quantitative voice quality aspects of hands-free speech. *Acta Otolaryngologica* 2005 Jun;125(6):629-37.
- Zuur JK, Muller SH, de Jongh FH, van Zandwijk N, Hilgers FJ. The physiological rationale of heat and moisture exchangers in post-laryngectomy pulmonary rehabilitation: a review. *European Archives of Otorhinolaryngology* 2006 Jan;263(1):1-8.
- Tervonen H, Back L, Juvas A, Rasanen P, Makitie AA, Sintonen H, Roine RP, Vilkmann E, Aaltonen LM. Automatic speaking valve in speech rehabilitation for laryngectomized patients. *European Archives of Otorhinolaryngology* 2005 Oct;262(10):816-20. Epub 2005 Mar 1
- Ackerstaff AH, Fuller D, Irvin M, Maccracken E, Gaziano J, Stachowiak L. Multicenter study assessing effects of heat and moisture exchanger use on respiratory symptoms and voice quality in laryngectomized individuals. *Otolaryngology Head & Neck Surgery* 2003 Dec;129(6):705-12
- Hilgers FJ, Ackerstaff AH, Van As CJ, Balm AJ, Van den Brekel MW, Tan IB. Development and clinical assessment of a heat and moisture exchanger with a multi-magnet automatic tracheostoma valve (Provox FreeHands HME) for vocal and pulmonary rehabilitation after total laryngectomy. *Acta Otolaryngologica* 2003 Jan;123(1):91-9
- Herranz Gonzalez-Botas J, Suarez T, Garcia Carreira B, Martinez Moran A. Experience with the HME-Provox® Stomafliter in laryngectomized patients. *Acta Otorrinolaringologica Espana* 2001 Apr;55(3):221-5 [Spanish]
- van As CJ, Hilgers FJM, Koopmans-van Beinum FJ, Ackerstaff AH. The influence of stoma occlusion on aspects of laryngeal speech. *Acta Otolaryngologica* 1998; 118: 732-738.
- Ackerstaff AH, Hilgers FJM, Balm AJM, Tan IB. Long term compliance of laryngectomized patients with a specialized pulmonary rehabilitation device, Provox® [HME] Stomafliter. *Laryngoscope* 1998; 108: 257-260.
- Hilgers FJM, Ackerstaff AH, Balm AJM, Gregor RT. A new heat and moisture exchanger with speech valve (Provox® [HME] Stomafliter). *Clinical Otolaryngology* 1996; 21: 414-418.
- Ackerstaff AH, Hilgers FJM, Aaronson NK, de Boer MF, Meeuwis CA, Knegt PPM, Spoelstra HAA, van Zandwijk N, Balm AJM. Heat and moisture exchangers as a preventative treatment option in the rehabilitation of laryngectomized patients. *Clinical Otolaryngology* 1995; 20: 504-509
- Ackerstaff AH, Hilgers FJM, Aaronson NK, Balm AJM, van Zandwijk N. Improvements in respiratory and psychosocial functioning following total laryngectomy by the use of a heat and moisture exchanger (HME). *Annals of Otolaryngology and Laryngology* 1993; 102: 878-883.
- Hilgers FJM, Aaronson NK, Ackerstaff AH, Schouwenburg PF, van Zandwijk N. The influence of a heat and moisture exchanger (HME) on the respiratory symptoms after total laryngectomy. *Clinical Otolaryngology* 1991; 16: 152-156.
- Merol, J.C., Charpiot, A., Langagne, T., Hemar, P., Ackerstaff, A.H., and Hilgers, F.J. Randomized controlled trial on postoperative pulmonary humidification after total laryngectomy: External humidifier versus heat and moisture exchanger. *Laryngoscope* 2012, 122(2), 275-281.
- Hilgers,F.J.; Dirven,R.; Wouters,Y.; Jacobi,I.; Marres,H.A.; van den Brekel,M.W. A multicenter, prospective, clinical trial evaluating a novel adhesive baseplate (Provox StabililBase) for peristomal attachment of postlaryngectomy pulmonary and voice rehabilitation devices. *Laryngoscope* 2012, 122(11), 2447-2453.

TheraBite Jaw® Motion Rehabilitation System™

- Buchbinder D, Curran RB, Kaplan AJ, Urken ML. Mobilization regimens for the prevention of jaw hypomobility in the radiated patients. A comparison of three techniques. *Journal of Oralmaxillofacial Surgery*. 1993; 51:863-867.
- Cohen EG, Deschler DG, Walsh K, Hayden RE. Early use of mechanical stretching device to improve mandibular mobility after composite resection: a pilot study. *Arch Phys Med Rehabil*. 2005 Jul;86(7): 1416-9.
- Dijkstra PU, Kalk WW, Roodenburg JL. Trismus in head and neck oncology: a systematic review. *Journal: Oral Oncol*. 2004 Oct; 40(9):879-89.
- Maloney GE, Mehta N, Forgiome AG, Zazawi KH, Al-Badawi EA, Driscoll SE. Effects of a passive jaw motion device on pain and range of motion in TMD patients not responding to flat plane intraoral appliances. *The Journal of CranioMandibular Practice*, 2002; 20:55-66.
- Messing BP, Saunders JR, Dietrich-Burns K, Farrell SS, Pyrke-Fairchild J, Melick CF. Trismus management in the head and neck cancer patient undergoing organ preservation treatment. 6th International Conference on Head and Neck Cancer, Washington DC, USA August 07-11, 2004. Scientific Poster 01-97.

The above references represent a selection. For more information contact Atos Medical AB or your local representative.



Prescription Devices

Caution:

United States federal law restricts devices identified herein with the symbol "Rx" to sale, distribution and use by or on order of a physician or licensed health care provider. The availability of these devices without prescription outside the United States may vary from country to country.

Insurance coverage, payment, co-payments, deductibles and other restrictions vary depending on the patient's policy and medical need.

User Manual and Prescriber Information

This catalog does not replace nor does it set forth the complete contents of the User Manual and/or Prescriber Information for the products in this catalog, and is not a substitute for reviewing and understanding that important information. Therefore, before prescribing and/or using any of the products included in this catalog, please review the entire contents of the respective User Manual and/or Prescriber Information.

User Manuals and Prescriber Informations are available online at www.atosmedical.com. In the United States, you may also obtain copies by calling 1-800-217-0025, sending a Fax to 1-414-227-9033 or an e-mail to info.us@atosmedical.com, or writing to Atos Medical Inc., 11390 W. Theodore Trecker Way, West Allis, WI 53214-1135, U S A. Information in French is available online at www.atosmedical.com.

Limited Warranty:

Atos Medical makes no warranty, either expressed or implied, as to the lifetime of the product delivered to the purchaser hereunder, which may vary with individual use and biological conditions. Further, Atos Medical makes no warranty of merchantability or fitness of the product for any particular purpose.

Please Note:

The persons depicted in this document have agreed to be photographed for purposes of illustration only.

Patents and Trademarks:

Provox®, Provox® ActiValve®, Provox® FreeHands HME®, Provox® XtraBase®, Provox® TrachPhone®, Provox® Stabilibase™ and Provox® XtraFlange™ are registered trademarks owned by Atos Medical AB, Sweden. Remove™ and Skin-Prep™ are trademarks owned by Smith & Nephew Inc., U.S.A. Kapi-Gel® is a registered trademark of Kapitex Healthcare Ltd. Liberty™, TruTone™ and SolaTone™ are trademarks owned by Griffin Laboratories. Barton-Mayo™ and Barton-Mayo Tracheostoma Button™ are trademarks owned by Medical Innovations International, Inc. Stoma Care, Skin Tac and TacAway are manufactured by Torbot Group Inc. Servox® is a trademark owned by Servona. ADDvox™ and Clarus™ are trademarks owned by Bruce Medical. Blom-Singer® is a trademark owned by InHealth Technologies. Provox®, Provox*2, Provox ActiValve®, Provox® HME, Provox® FreeHands HME®, Provox® HME Cap™, Provox® XtraBase®, and Provox® NID™ are protected by patents, patents pending and design patents and design patents pending.

U.S.:

Atos Medical Inc.

11390 West Theodore Trecker Way
West Allis, WI 53214-1135
Customer Service: 1-800 217 0025
info.us@atosmedical.com
www.atosmedical.us

Canada:

Ontario Home Health

29 Monteith Avenue
Stratford, ON N5A 7J9 CANADA
Tel: 1-800 661 1912



Asia - Pacific:

Atos Medical AB

World-Wide House
19 Des Vœux Road, 10th Floor
Central, Hong Kong
Tel: +852 3656 7780
info.hk@atosmedical.com

Belgium:

Atos Medical BVBA / SPRL

Koningsstraat 266 Rue Royale
BE - 1210 Brussel / Bruxelles
Tel: 02 / 218 55 50
info.be@atosmedical.com

France:

Atos Medical S.A.S.

3, rue de Robinson
FR-92220 Bagneux
Tel: +33 1 49 08 01 00
info.fr@atosmedical.com

Germany:

Atos Medical GmbH

Mülheimerstr. 3-7
DE - 53840 Troisdorf
Tel: (0)2241 14 93 - 0
info.de@atosmedical.com

Japan:

Meilleur- Atos Medical Inc.

Shinkawa Sanko Building 2F,
1-3-17, Shinkawa, Chuo-ku,
Tokyo 104-0033
Tel. +81 3 4589 2830
info.jp@atosmedical.com

The Netherlands:

Atos Medical B.V.

Postbus 574
NL - 2700 AN Zoetermeer
Tel: 079 593 5000
info.nl@atosmedical.com

Spain:

Atos Medical Spain S.L.

C/Aragón, 208-210, 3^{er}ª
08011 Barcelona
Tel: 93 323 9196
info.es@atosmedical.com

Switzerland:

Atos Medical, Switzerland

Seefeldstrasse 35
8008 Zürich
Tel: 044 380 60 90
info.ch@atosmedical.com

U.K.:

Platon Medical Ltd

P.O. Box 2568, Eastbourne
East Sussex BN21 3HZ
Tel: 01323 431 930
platonmedical@mistral.co.uk

Head office:

Atos Medical AB
P.O. Box 183, SE-242 22 Hörby, Sweden
Tel: +46 (0)415 198 00 • Fax: +46 (0)415 198 98
info@atosmedical.com • www.atosmedical.com



©Atos Medical AB, 201207, REF 8002US

Atos Medical products and expertise are developed in close cooperation with leading institutions, doctors, researchers, speech language pathologists and patients from all over the world. Our claims and arguments rest on the results of clinical studies. Atos Medical started the research and development on the first Provox voice prosthesis in 1987. Throughout the years, we have worked hard to develop Provox as the leading voice and pulmonary rehabilitation system on the market. We continue to allocate substantial resources for product development and training programs for Ear, Nose and Throat specialties. Our goal is clear: Atos Medical will continue to lead the way in ENT.

ATOS
MEDICAL
Leading the way in ENT