Provox® Vega™ Puncture Set
A new set for all-in-one surgical placement of the Provox Vega voice prosthesis
A new set for all-in-one surgical placement of the Provox Vega voice prosthesis in three steps

**Provox Vega voice prosthesis**

Provox voice prostheses, with Provox Vega already in their 3rd generation are renowned for their good airflow capacities, and robust construction. They are the result of a long ongoing process of careful research, testing and documentation which is the secret behind the leading position Provox products have. A clinical study** shows that Provox Vega gives superior voice quality, needs less effort to speak and is easier to clean for many patients.

**Tracheoesophageal puncture**

Tracheoesophageal puncture (TEP) is presently the method of choice for restoring oral communication after a total laryngectomy. The primary TEP with immediate insertion of an indwelling voice prosthesis has become the preferred method due to less complications compared to secondary TEP. Moreover, primary TEP enables the earliest possible rehabilitation and mostly instantaneous voicing for the patient.**

**Placement technique**

The placement technique initially comprised of puncturing, followed by the placement of a catheter, which was left in place during the healing process. At a later stage the catheter was replaced by a voice prosthesis. In the 1980's, with the introduction of indwelling voice prosthesis, primary placement became the gold standard. The all-in-one Puncture Set is the first dedicated set, offering a smart all-in-one solution mainly for primary TEP.

1. **Protect**

The transparent pharynx protector is intended for primary puncture only and helps to protect the pharyngeal walls during a TE puncture.

2. **Puncture**

The puncture needle is slim, hollow and bent to enable puncturing with low force. It is used both to create the puncture and to introduce the guidewire through the puncture site.
Features & Benefits

- All-in-one surgical puncture and placement
- No additional instruments are normally required*
- Pre-loaded with a Provox Vega voice prosthesis
- Disposable
- Packaged with the Provox® Brush and Provox® Plug

Multicenter study results
The Provox Vega Puncture Set allows immediate voice prosthesis insertion without requiring additional instruments.

Integral placement of the Provox Vega voice prosthesis was successful in all procedures carried out during a multicenter clinical study. Only in 11% of the procedures the additional use of a hemostat was needed to pull the tracheal flange of the voice prosthesis in place. The largest part, 89% of the procedures required no additional instruments.

Place
The loop that sits around the voice prosthesis unfolds the tracheal flange, which reduces the need to use forceps or hemostats to pull the voice prosthesis in place. The TEP is gradually dilated when pulling the guidewire with the dilator through the opening and the voice prosthesis slides gently in position.

* compared to the procedure with the current Provox Trocar with Cannula. Hilgers et al, Eur Arch Otorhinolaryngol, 2012
** Hilgers et al, Cummings Otolaryngology, 2010
*** Ward et al., 2011/Hancock et al., in press.
Combination of three
Finding the right individual combination of voice prosthesis, HME, and attachment is important for good speech and good pulmonary health.

Choosing Provox voice prosthesis
- Vega*
- ActiValve*

Choosing Provox HME
- XtraMoist
- XtraFlow
- FreeHands HME*
- Micron HME*

Attaching the Provox HME
- StabiliBase
- FlexiDerm
- OptiDerm
- LaryButton
- LaryTube

For videos and more information about our products, please visit: http://www.atosmedical.com/for_professionals

Reference list:
- Lorenz KJ, Maier H. [Voice rehabilitation after laryngectomy : Initial clinical experience with the Provox-Vega(R) voice prosthesis and the SmartInserter(R) system.]. HNO 2010;58(12):1174-1183.

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

Provox* is a registered trademark owned by Atos Medical AB, Sweden.
Provox™ Vega* is protected by patents and patents pending. Provox® Vega™ Puncture Set has patents pending.

Ordering Information

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**In the US on prescription only. ***Not available in all markets. **In applicable countries.

Evidence & Experience™

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.