

# DYNASEAL™

ADVANCED DYNAMIC SUPRAGLOTTIC AIRWAY DEVICE



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PRO21DOC13-v3-2024-01

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ARRIVING SOON

ADVANCED PRE-MARKET INFORMATION

# DYNASEAL™

ADVANCED DYNAMIC SUPRAGLOTTIC AIRWAY DEVICE

## ADVANCED PRE-MARKET INFORMATION

### THE WORLD'S FIRST SELF ADJUSTING AIRWAY

INTRODUCING...

# DYNASEAL™

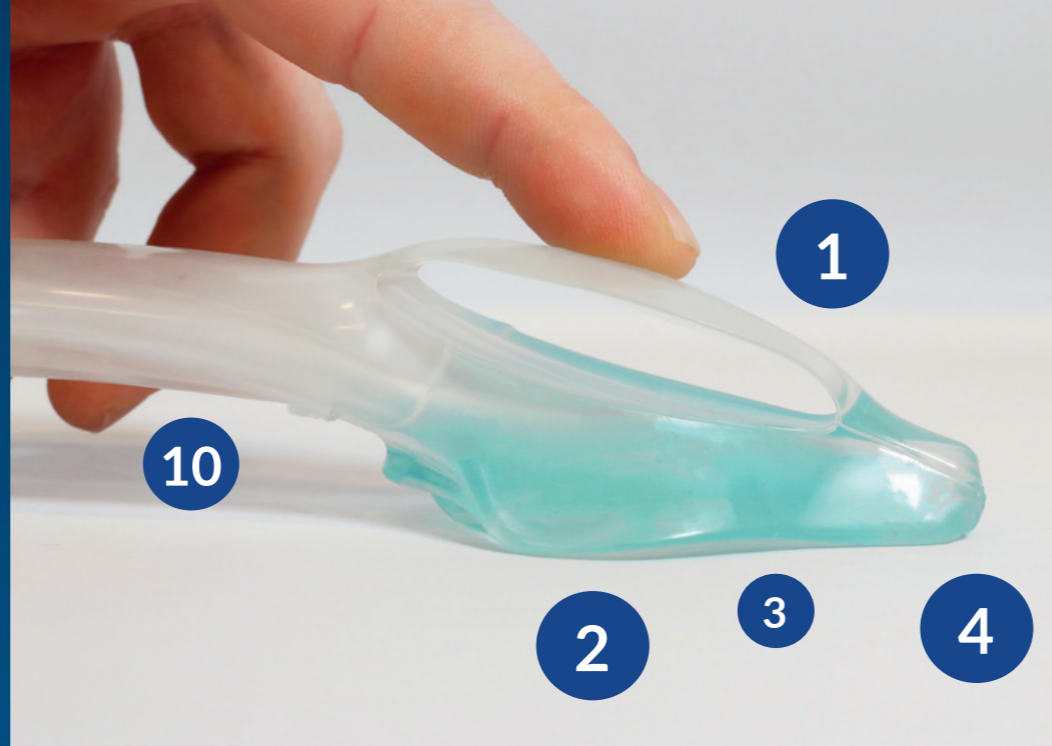
ADVANCED DYNAMIC SUPRAGLOTTIC AIRWAY DEVICE

Since the development of the 1st generation of Laryngeal Mask by Dr Archie Brain it's been a goal of most airway companies to develop a "one size fits all" device. The DYNASEAL is designed to cover patients in the range of 30-100+kg weight, which usually covers the size 3, size 4 and size 5 of conventional non dynamic fitting Supraglottic Airways.

The DYNASEAL is subject to worldwide patent applications and DYNASEAL is a trademark distributed by **Well Lead Medical Co., Ltd.**

#### KEY FEATURES

- Designed as a single use rapid insertion device - without the need for an inflation cuff.
- High ventilation seal designed to offer around 40cm H2O or more.
- The world's first self adjusting airway - allowing the individual patient's anatomy to determine the fit, thus reducing the risk of leakage and nerve compression associated with conventional devices.
- High security seal for added protection during transport / EMS use.
- Reduces the amount of stock holding with one DYNASEAL device being designed to **replace sizes 3, 4 and 5** for conventional devices. This greatly reduces the necessary costs of holding 3 different sizes of conventional supraglottic airways.
- The patent applied for **Dynamic Arch** is designed to offer a wide range of automatic adjustment and thus significantly reduce the likelihood of an incorrectly sized device being used. This offers reduced costs, reduced wastage and reduced environmental burden.
- Two separate drains are designed to further reduce the risk of aspiration
- The new patent applied for **Pharyngeal Drain** can be connected to low level suction before, during use and during removal, as this is designed to reduce the post operative coughing during recovery.
- 6mm wide bore gastric drain allows constant pressure relief and emergency low level suction if required.
- Designed to be suitable for use in Pre-Hospital, Resuscitation, Accident and Emergency, General Anaesthesia and Short Term Ventilation.
- Manufactured with the minimum of polluting materials and packaging.
- Built-in bite block and supplied sterile.



Patent applied for Dynamic Arch designed to allow a controlled compression and expansion during insertion to ensure an anatomical fit across a range of patient sizes (30-100+kg).



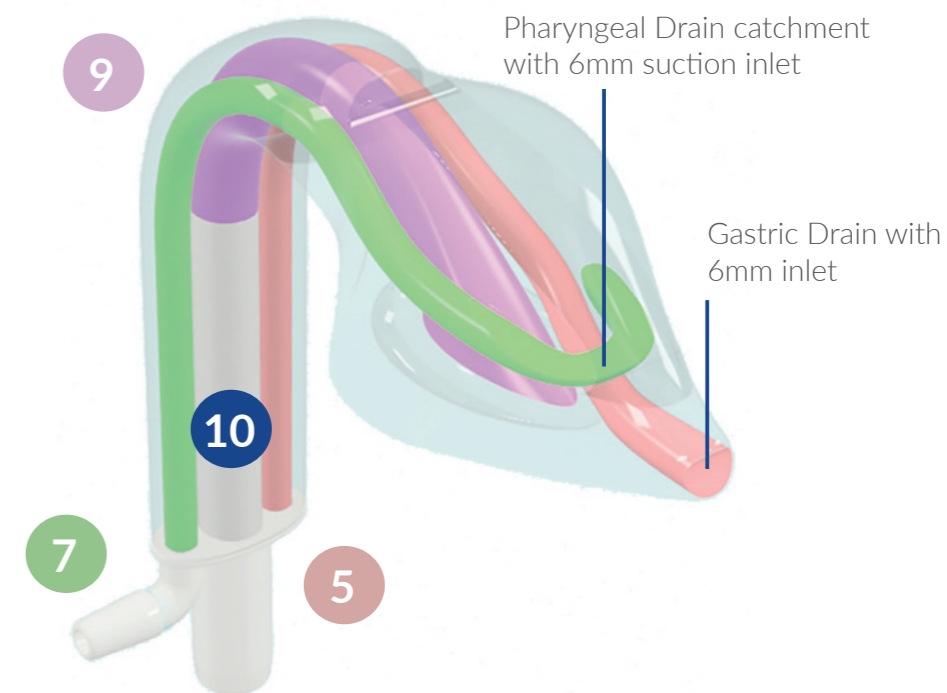
Preformed internal neck to prevent pressure on the back of the tongue.

Soft cuff to create an impression fit to the larynx with a preformed ACTIVAIR teardrop flange forming the ventilatory opening to the laryngeal inlet

Preformed internal neck to prevent pressure on the back of the tongue.

Integrated bite block 75mm long x 8.5mm internal diameter terminating with a 15mm male ISO standard connector, 6mm gastric vent and a 6mm pharyngeal drain suction fitting to proximal end.

Main body contains 8.5mm - 12mm central airway flanked by preformed 6mm gastric and 6mm suction tubes. This allows ET tubes of less than 8.5mm OD (approx size 6) to be passed through the DYNASEAL for intubation.



- 1 Dynamic arch
- 2 Soft cuff
- 3 ACTIVAIR seal
- 4 Distal Tip
- 5 6mm internal gastric drain tube
- 6 Gastric port
- 7 6mm internal pharyngeal drain tube
- 8 Suction connector for pharyngeal drain tube
- 9 8.5mm ID internal airway
- 10 Internal bite block (8.5mm ID)
- 11 15mm male ISO connector

Dynamic Arch (patent applied for) designed to allow controlled compression and expansion which adapts to the patient's anatomy, forming a tight seal and maintaining a secure fit.



**NO NEED FOR INFLATION CUFF**



ONE SIZE INSTEAD OF 3



HIGH SECURITY SEAL



NO EXCESSIVE PLASTICS



RAPID INSERTION

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