Option NIV

Dräger Savina® 300:
Option NIV offers full non-invasive ventilation capabilities, bringing with it the advantages of reduced intubation and infection rates, to potentially improve recovery times and shorten ICU length of stay.¹

ADVANTAGES OF THE SAVINA 300 WITH THE OPTION NIV:
- One device for invasive and non-invasive therapy
- NIV in all modes helps reduce the need for intubation
- Improved spontaneous breathing with NIV
- Sensitive triggering and effective leakage compensation
- Increased patient safety and improved comfort

SHORTEN INTUBATION TIME, INCREASE PATIENT SAFETY

Intubation has been linked to an increased risk for the development of ventilator-associated pneumonia,² weaning delays and patient discomfort. Due to these risks, both intubation and invasive ventilation should be avoided whenever possible. From its great success in the treatment of chronic diseases, the use of NIV has been expanded to intensive care applications, including the treatment of acute respiratory failure.³ This progress in non-invasive ventilation continues to expand this safe and comfortable therapy beyond conventional invasive ventilation.

With its exceptional leakage capacity and sensitive triggering for spontaneous breathing, the Savina 300 offers everything you need for state-of-the-art non-invasive ventilation.
Non-invasive Ventilation

Prevent | Stabilize | Wean | Recover | Long-term care

Invasive Ventilation

Prevent intubation | Enhance weaning | Avoid reintubation | Enhance patient comfort

**BENEFIT FROM NIV THROUGHOUT THE ENTIRE VENTILATION PROCESS**

In the early phase of ventilation, the use of NIV has been shown to reduce the need for intubation, decrease the hospital length of stay and reduce the number of complications. NIV applied as a weaning method in COPD enables faster weaning and has a positive effect on mortality rates. During the recovery phase, NIV helps to avoid re-intubation and shorten recovery times. Mask ventilation is widely used in the treatment of chronic respiratory failure and is an excellent choice for intermittent application when partial respiratory support is needed.

**FROM CONVENTIONAL TO MASK VENTILATION WITH A SINGLE DEVICE**

The NIV option for the Savina 300 provides for mask ventilation in all modes. This allows a greater degree of treatment options for the patient.

Should intubation be necessary the therapist can quickly and easily switch to an invasive ventilation mode. The Savina 300 streamlines the workflow as devices do not have to be exchanged in order to transition a patient from mask ventilation to invasive therapy.

**MINIMIZE LEAKAGES, IMPROVE PATIENT COMFORT**

Leak compensation is an essential part of non-invasive ventilation therapy. With leak compensation, the flow-trigger sensitivity is adjusted according to percentage of leak. During volume-controlled modes, the patient always receives the set tidal volume. During pressure-controlled modes, the set pressure levels are continuously maintained. Even in the presence of large leaks, the Savina 300’s flexible leak compensation system continuously provides the exact amount of breathing gas needed to complement the patient’s flow demand. The internal turbine has the capacity to deliver a continuous flow of up to 180 l/min.*

In combination with our innovative and individually adjustable Dräger NIV-masks, the Savina 300 offers an advanced solution for both leak minimization and enhanced patient comfort.

**CONFIGURE ALARM SETTINGS ACCORDING TO YOUR NEEDS**

When mask ventilation is selected, alarms which are not applicable will be deactivated. In order to avoid artifacts, various alarm settings may be deactivated (MV low, Vti high and Apnea monitoring). For improved patient safety, a clearly visible displayed message alerts the user to any deactivated alarms.

**Literature**

2. Collard HR, MD; Sanjay Saint, MD. Prevention of Ventilator-Associated Pneumonia.

* Compared to configurations with a typical external compressor, the turbine is capable of delivering a continuous flow that is six times higher.
**TECHNICAL DATA**

**Option NIV alarms**

<table>
<thead>
<tr>
<th>Option NIV alarms</th>
<th>(0.01 \ldots 40) L/min or off</th>
</tr>
</thead>
<tbody>
<tr>
<td>MV low*</td>
<td>(0.110 \ldots 4) L or off</td>
</tr>
<tr>
<td>VTi high*</td>
<td>5 - 60 s or off</td>
</tr>
<tr>
<td>Apnea monitoring</td>
<td>0 - 60 s</td>
</tr>
<tr>
<td>Ti max</td>
<td>0 - 60 s</td>
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</tbody>
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**ORDER INFORMATION**

- **NIV - option mask ventilation (factory-installed option)**: 84 14 115
- **NIV - retrofit kit mask ventilation**: 84 15 595
- **NovaStar® NIV mask with Standard Elbow, size S, 1 pc.**: MP 01 579
- **NovaStar® NIV mask with Standard Elbow, size M, 1 pc.**: MP 01 580
- **NovaStar® NIV mask with Standard Elbow, size L, 1 pc.**: MP 01 581
- **VentSet Basic, 4.9 ft (150 cm), 25 pc.**: MP 00 300
- **VentSet Coax, 4.9 ft (150 cm), 20 pc.**: MP 00 315

* For adult and pediatric patients.

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**NovaStar® NIV Full-Face Mask**

Ultimate comfort and effective seal through customized fit and silicone-gel cushion: NovaStar NIV full-face mask is designed for non-invasive ventilation therapy. Because the mask covers the nose and mouth, it provides effective therapy, even in case of mouth breathing.