



# STARMed CaStar R

Hood for non-invasive mechanical ventilation (NIV) and CPAP therapy



Critical Care ▪ Patient Interfaces ▪ **STARMed**



# STARMed CaStar R Hood

## StarMed CaStar R

The CaStar R is a comfortable, versatile and lightweight patient interface for CPAP therapy or non-invasive mechanical ventilation (NIV) designed to offer an alternative to traditional methods of NIV and CPAP delivery. The CaStar R is well tolerated for extended periods and can reduce the risks associated with both endotracheal intubation and face mask use. It can be used in semi-recumbent, supine and prone positions providing an ideal option for NIV and CPAP therapy.

## Technical Features

- Manufactured from phthalate-free materials
- 22OD connectors compliant to ISO standard
- Comfortable and atraumatic underarm fastening straps
- Built in inflatable neck cushion
- Two versatile sealed access ports suitable for single or multiple lumen probes or catheters
- Patient access port, fitted with a bi-directional anti-asphyxiation valve which opens automatically in the event of pressure failure



## CaStar R Hood for NIV and CPAP Therapy

Code	Size	Neck circumference	Box Qty.
CP211XXL/2RA	Extra Extra Large	≥50cm	5
CP211XL/2RA	Extra Large	45-52cm	5
CP211L/2RA	Large	40-47cm	5
CP211M/2RA	Medium	34-41cm	5
CP211S/2RA	Small	27-34cm	5
CP211XS/2RA	Extra Small	17-27cm	5

## Companion Products

A list of products which can be used to compliment the StarMed CaStar R hood (sold separately).



CP903



CP908



STR/019

Code	Description	Box Qty.
CP903	Cuff inflation bulb for inflating the built in neck cushion	5
CP908	Earplugs for improving patient comfort during therapy	25
STR/019	CaStar Cap, 22mm ID	10



## 22mm Smoothbore Breathing Systems



Code	Description	Box Qty.
5018000	Smoothbore tubing, 22mm with soft end connectors, ≥1.8m	20
5018011	Smoothbore tubing, 22mm with leak port and monitoring line, ≥1.8m	20

## Flo-Guard

### Low-resistance breathing filter

The Flo-Guard provides a combination of filtration performance with low-resistance. The Flo-Guard breathing filter is designed to protect the patient and machine against cross contamination, while maintaining a low resistance across a wide range of flow rates.

#### Electrostatic filter media

Providing an excellent filtration efficiency

#### Large surface area

To reduce resistance to flow

#### Clear housing

For good visibility

#### Conical shape

To aid airflow



Code	Description	Box Qty.
1690000	Flo-Guard >99.99% filtration efficiency, low resistance filter	50

## Daily Protocol Kit

In order to help in the introduction of an oral care protocol we have a complete day kit available for four hour (q4) interventions. The kit also includes a mouth rinse and moisturizer for use every four (q4) hours. Offering a simple, single use solution, straight from the pack.



Code	Description	Box Qty.
3014002	OroCare 24 hour day kit – q4 (four hour intervention kit)	10

## Connectors and Accessories

22mm straight connectors

22ID      22ID

<b>Code</b>	1967000
<b>Box Qty.</b>	35

22OD      30OD

<b>Code</b>	1970000
<b>Box Qty.</b>	35



# STARMed CaStar R Hood

## For Non-Invasive Ventilation (NIV) and CPAP Therapy

The CaStar R Hood offers several clinical benefits for both the patient and the care providers, the hood interface helps to overcome many of the issues experienced with both endotracheal intubation and face mask use. The use of the hood interface has been associated with increased patient comfort and improved NIV and CPAP therapy outcomes, leading to reduced total ventilation time and ICU length of stay.



### Benefits for the care giver

- **Easy hood positioning:** once the patient's head is in the hood the collar seals around the neck
- **The hood is available in six adult sizes:** fitting the majority of adult patients, sizes include XS – XXL, based on the neck circumference indicated on the measuring guide provided
- **Reduced nursing time:** the hood requires minimal repositioning and the neck seal is maintained by the lower collar
- **Easier management of the patient:** nursing functions can be easily provided via the large access port, resulting in only a short disruption to therapy
- **If the patient vomits:** any gastric content will move away from the airway avoiding the risk of aspiration

### Benefits for the patient

- **Patient comfort:** no pressure from a mask on the patient's face and no headgear to tighten
- **Neck seal:** soft elastic membrane provides improved patient comfort and a high quality seal
- **Smooth ventilation support:** the whole hood environment is pressurized providing smooth ventilation support to the patient
- **Minimized claustrophobia:** the sensation of claustrophobia is reduced, as the hood removes the discomfort and the sense of suffocation associated with ventilator asynchrony\*
- **Interaction possible:** the patient can speak, listen, drink and wear glasses while being ventilated

### Resulting in improved therapy

- **Prolonged NIV application:** the hood is comfortable and well tolerated for long periods of ventilation
- **Reduced NIV failure and intubation rate:** the hood provides a comfortable patient interface which improves patient compliance thus reducing NIV failure
- **Continuous NIV application:** average ventilation tolerance periods appear longer with the hood versus a mask. With a mask, patients often have to be relieved from mask pressure every few hours.
- **Suitable for a wide variety of adult patients:** the hood can be used with a wide variety of adult patients regardless of face shape, edentulism\*\* or beards
- **Lower levels of sedation:** the hood requires lower levels of sedation whereas patients using NIV masks often have to be sedated to prolong the compliance with the mask interface
- **Reduces total ventilation time and ICU length of stay:** due to successful NIV outcomes and uninterrupted therapy
- **Improved NIV success and reduced costs:** using the CaStar R hood reduces the length of ICU stays and the need for sedation, leading to cost savings
- **Highly efficient interface for CPAP:** large internal volume can provide an optimal CPAP level, with a minimal evidence of pressure changes even at low flows

\*Ventilator asynchrony: a mismatch between the patient, regarding time, flow, volume or pressure demands of the patient respiratory system, and the ventilator.

\*\*Edentulism: condition that results in one or more missing teeth.

The Intersurgical StarMed CaStar R NIV Hood is authorized by the FDA for the emergency use of ventilators, ventilator tubing connectors, and ventilator accessories under section 564(b)(1) of the Act, 21 U.S.C. § 360bbb-3(b)(1).

StarMed CaStar R Hood Manufacturer:  
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[www.us.intersurgical.com/info/starmed](http://www.us.intersurgical.com/info/starmed)

US Lit No. 236.1 • Issue Date 10.20