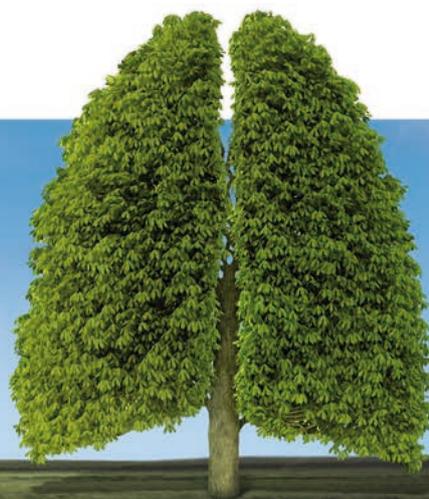


# WILAméd

*Equipment for Professionals*

A close-up, circular image of a sleeping baby's face, wearing a white garment. The baby's eyes are closed, and their hands are near their face.

**Heated & Humidified  
Hi-Flow Nasal  
Cannula Oxygen  
Therapy for Infants**

[www.wilamed.com](http://www.wilamed.com)

# Heated & Humidified Hi-Flow Nasal

The use of **Heated and humidified high-flow nasal cannula therapy** (HHHFNC) with specially designed nasal cannula is an alternative means of providing non-invasive respiratory support to infants in respiratory distress.

Heated and humidified high-flow nasal cannula (HHHFNC) oxygen therapy is a relatively new form of respiratory support and is increasing in popularity for noninvasive respiratory support in neonatal intensive care units around the world. Heated and humidified nasal high-flow oxygen therapy used early in the development of acute respiratory insufficiency (ARI) is associated with a decreased need for intubation and mechanical ventilation.

Heated and humidified high-flow nasal cannula oxygen therapy is clinically proven as a safe, effective, gentle and easy adaptable way to deliver nasal, non-invasive respiratory support to infants until their need for it is resolved.

## Humidification

- Warm and optimal humidified gas improves respiratory mechanics whereas breathing cold, non-humidified gas for only five minutes decreases lung compliance and conductance.
- heated humidified gas flow preserves nasal mucosa and is more comfortable allowing high flows
- enhanced mucociliary function

## High FiO<sub>2</sub>

- high flow permits constant oxygen delivery even with high inspiratory flows from intense respiration efforts (oxygen dilution reduction)
- nasopharyngeal dead space washout decreases dead space, CO<sub>2</sub> rebreathing and provides an oxygen reservoir

### Indications for use

- Infants with Chronic Lung Disease (ability to wean flow over FiO<sub>2</sub>)
- Alternative to NCPAP in mild/moderate respiratory distress Post-op respiratory support
- Infants with nasal trauma from nCPAP
- Treatment or prevention of apnoea of prematurity.

### Patient Benefits on NHFT

- Delivery of optimally humidified and warm gases
- Decreased work of breathing
- Decreased body energy expenditure
- Less problems with thickened secretions
- Less problems with nasal irritation/septal damage

Oxygen Thera

# Cannula Oxygen Therapy for Infants

## Order Details

Part number	Item description	Unit
100.360	NEO Hi-Flow AIR/OXYGEN Blender (0-15 LPM)	1
100.900	AIRcon Respiratory Gas Humidifier	1
550.301	C-Clamp (Pole Mount) for Humidifier	1
550.273	Heavy Duty IV Pole with five Casters	1
271.506	BTS1307A Heated Wire Breathign System incl. HC	10/Box
270.995	PREMATURE Hi-Flow Nasal Cannula	25/Box
270.996	NEONATE Hi-Flow Nasal Cannula	25/Box
270.997	INFANT Hi-Flow Nasal Cannula	25/Box
270.998	PEDIATRIC Hi-Flow Nasal Cannula	25/Box

Specifications are subject to alteration!



apy for Infants



**Distributed by:**

**WILAmed GmbH**

Medizinische Geräte und Zubehör

Gewerbepark Barthelmesaurach

Aurachhöhe 5–7

91126 Kammerstein (Germany)

Phone: +49 9178 996999-0

Fax: +49 9178 996778

[info@wilamed.com](mailto:info@wilamed.com)

[www.wilamed.com](http://www.wilamed.com)

