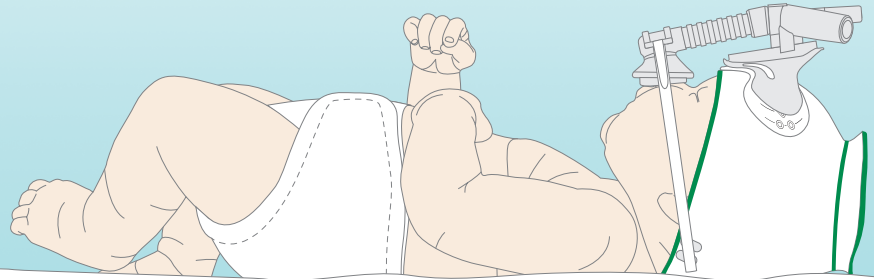
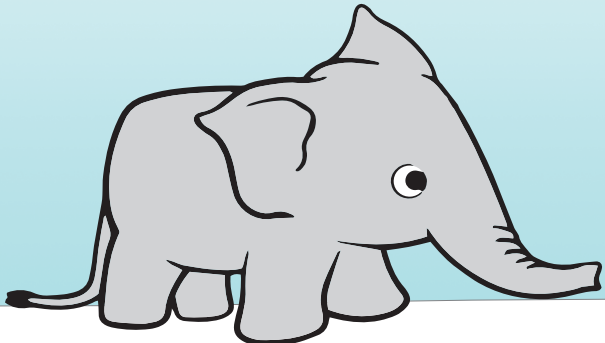
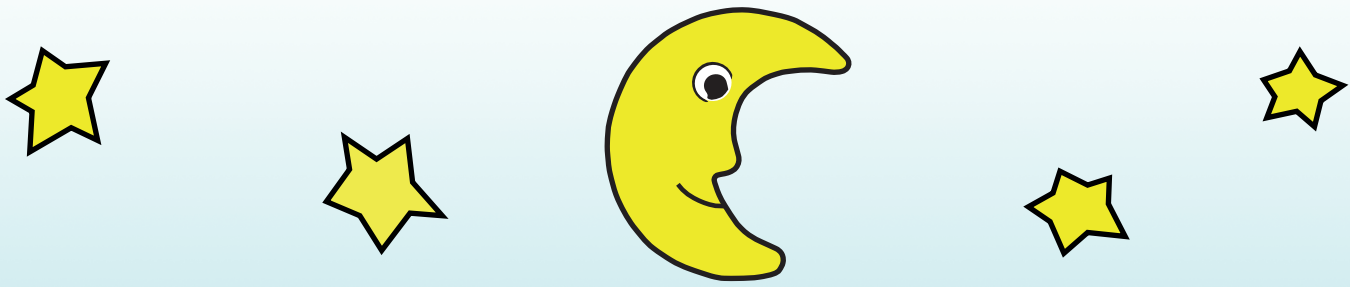




EasyFlow nCPAP

User Information



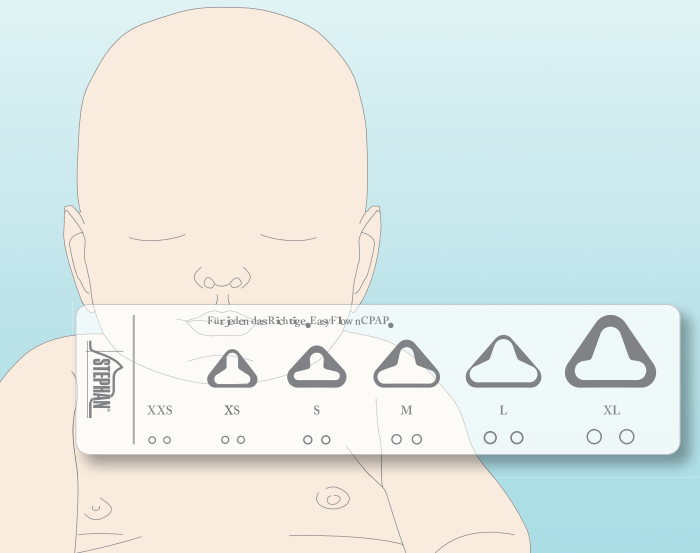


ATTENTION! IMPORTANT NOTICE:

This user information does not replace the operating manual.
Please read the respective operating manual before use of the EasyFlow nCPAP system.

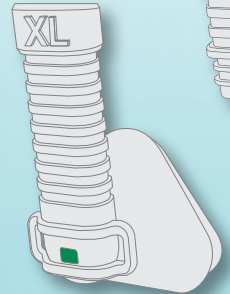
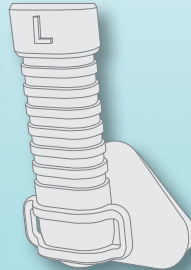
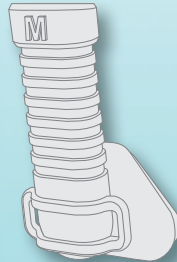
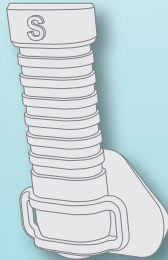
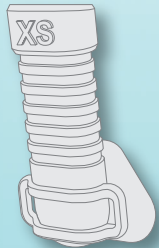
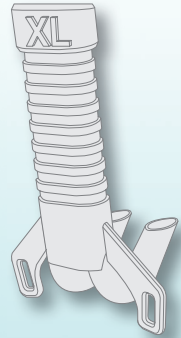
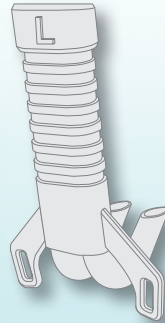
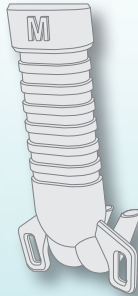
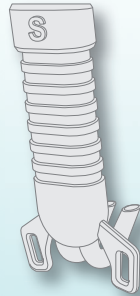
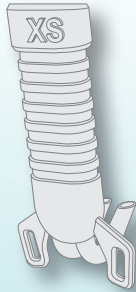
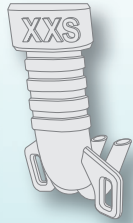
Step 1

Sizing of the Nose



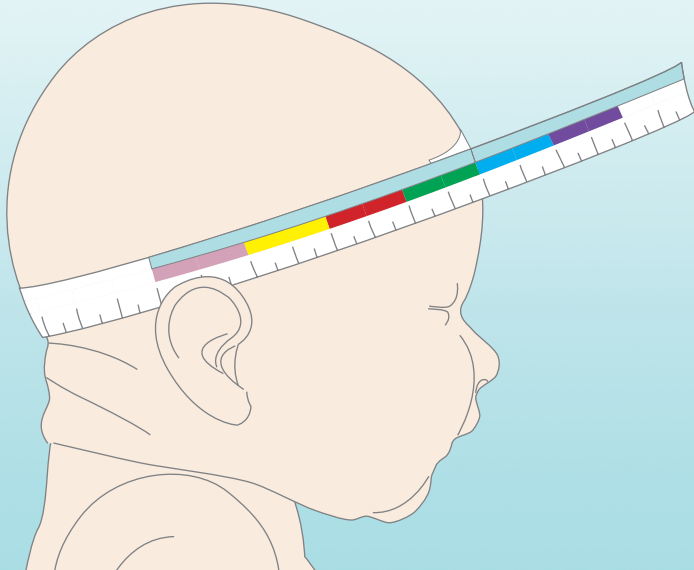
The flexible bi-nasal prongs and masks of the EasyFlow system are made of skin-friendly, soft silicone offering maximum comfort.

Using a specially developed template, the matching mask or prong size is easily determined.



Step 2

Measuring the Patient's Head



The size of bonnet or head band for the child is easily determined using the enclosed measuring tape. Wrap around the little patient's head and read the respective size on the tape. To simplify measuring, the color code of the measuring tape corresponds with the color of the respective bonnets or head bands.

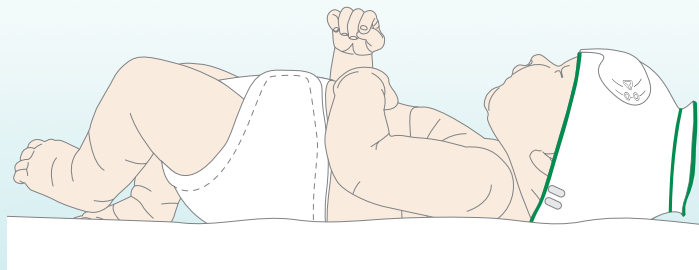
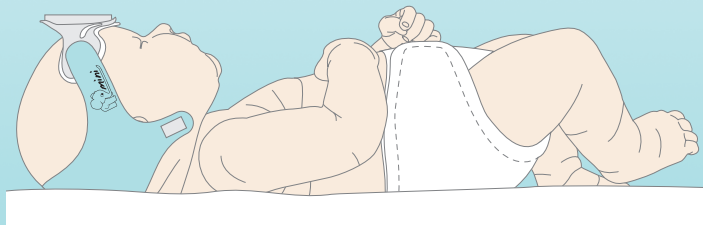
As a lot of premature and newborn babies develop edema during the first few hours after birth it is recommended to select the bonnet one size larger. This does not apply when using head bands.

Tip:












The head circumference should be measured every three days to adjust bonnet size accordingly.

Head bands

Size	Head circumference	Weight
micro	20 - 28 cm	500 - 1,350 g
mini	28 - 36 cm	1,350 - 3,700 g
maxi	36 - 48 cm	3,700 - 8,400 g



Bonnets

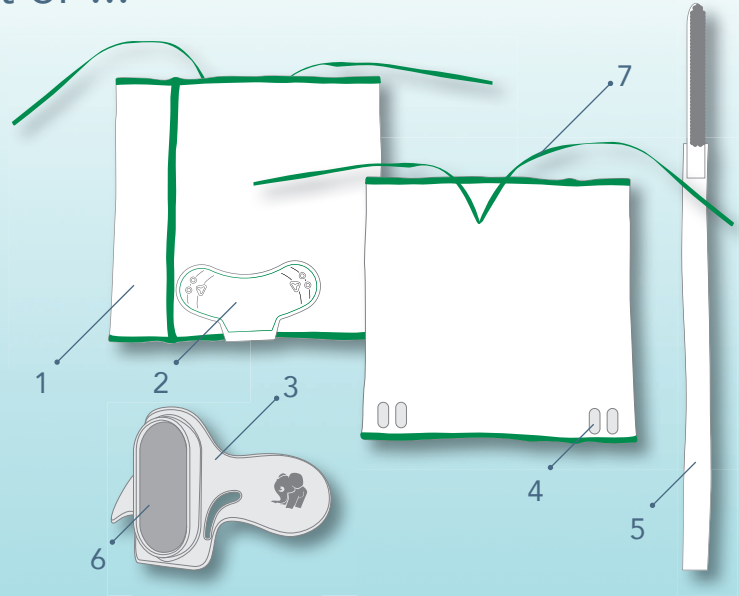
Size	Color	Head circumference	Weight
XS		20 - 22 cm	500 - 700 g
S		22 - 24 cm	700 - 900 g
M		24 - 26 cm	900 - 1,200 g
L		26 - 28 cm	1,200 - 1,600 g
XL		28 - 30 cm	1,600 - 2,400 g
XXL		30 - 33 cm	2,400 - 3,000 g
3XL		33 - 36 cm	3,000 - 4,200 g
4XL		36 - 39 cm	4,200 - 6,000 g
5XL		39 - 42 cm	6,000 - 7,300 g
6XL		42 - 45 cm	7,300 - 8,800 g
7XL		45 - 48 cm	> 8,800 g

Step 3

Choice of Fixing System – Bonnet or ...

The bonnet (1) of the EasyFlow system is made of micro fiber fabric. A special soft, padded forehead pad (2) allows the positioning of the forehead support (3).

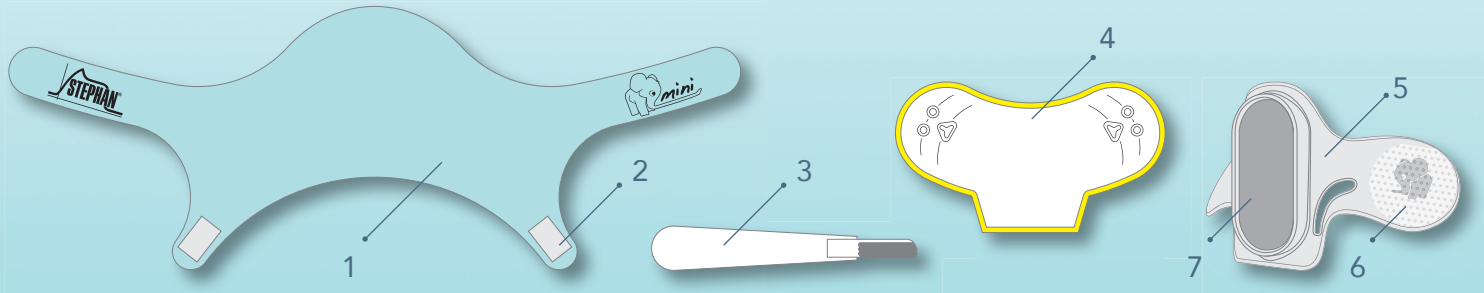
The Velcro® pads (4) are for fastening the fixing straps (5) to the side. The metal part of the forehead support (6) allows the applicator carrying the mask or bi-nasal prong to be fitted flexibly to the patient's face. The bonnet which is open at the top may be closed using the strap (7).



... Head Band

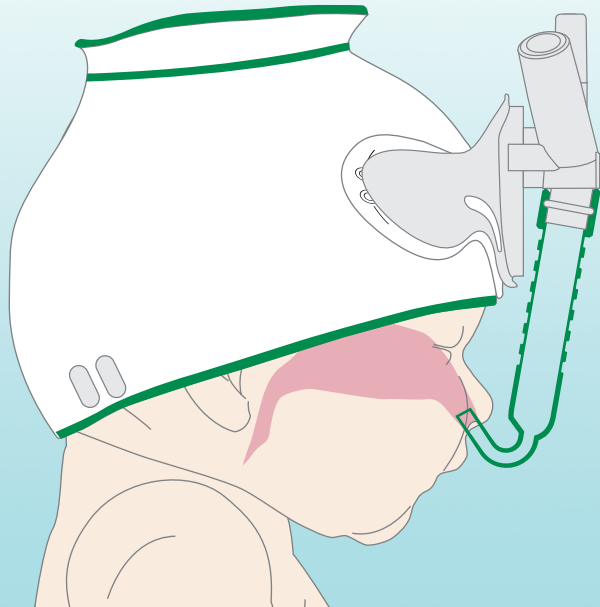
The head band (1) of the EasyFlow system is made of skin tolerant material and equipped with Velcro® pads (2) to fasten the fixing straps (3). A special soft, padded forehead pad (4) allows the positioning of the forehead support (5). Velcro® pads (6) are used for side fixation of the head band.

The metal part of the forehead support (7) allows the applicator carrying the mask or bi-nasal prong to be fitted flexibly to the patient's face. The head band is available in three sizes allowing amendment at any time to allow an individual fit.



Step 4

Choice of System – Bi-nasal Prong ...

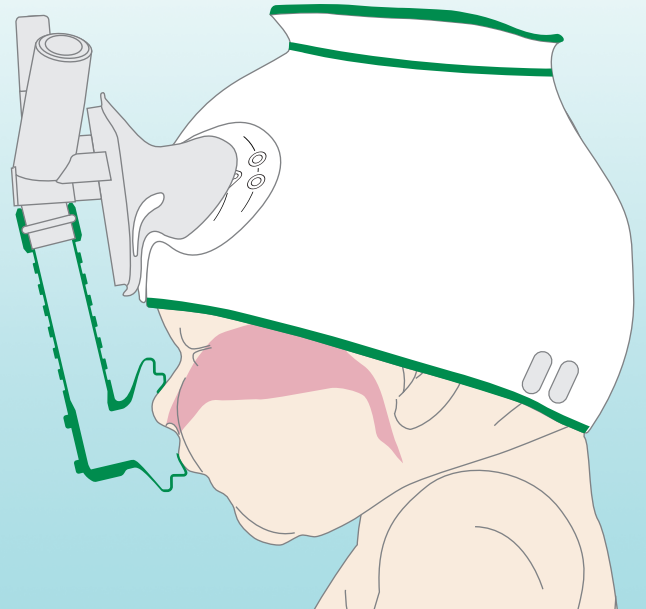


The prong is placed correctly if the nostrils are sealed completely. At the same time little or no pressure should be applied onto nose and nasal septum. The forehead support is attached to the forehead pad at a flat angle (see illustration, markings on the forehead cushion) to allow fitting the prong into position on the nose. Insert prong only a few millimeters into the nose.

... or Mask



With its special design the mask offers optimal fit and is self-sealing without applying too much pressure. For fitting the mask a steep angle is required (see illustration, markings on the forehead pad) thus reducing the pressure of the upper end of the mask onto the nasal bridge.



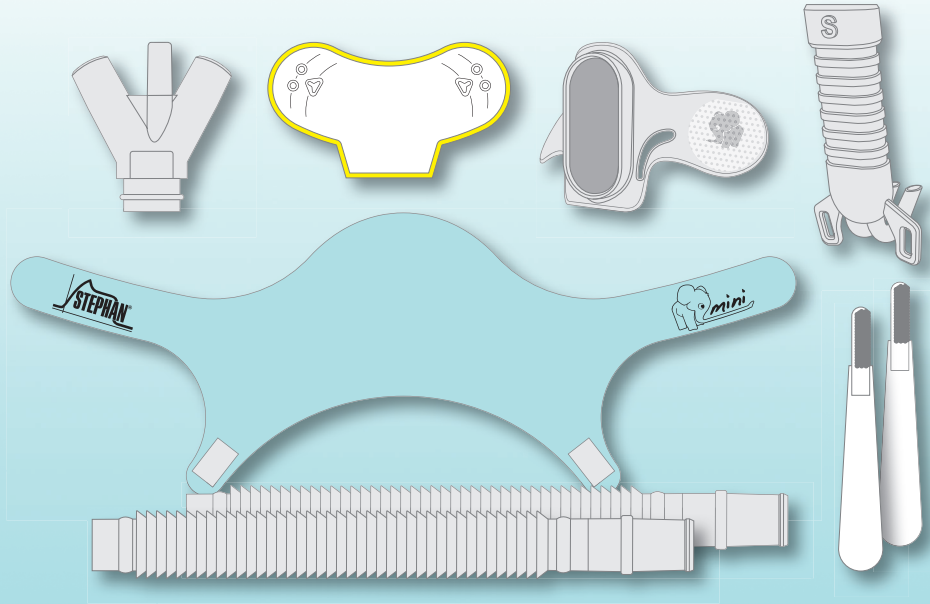
Step 5

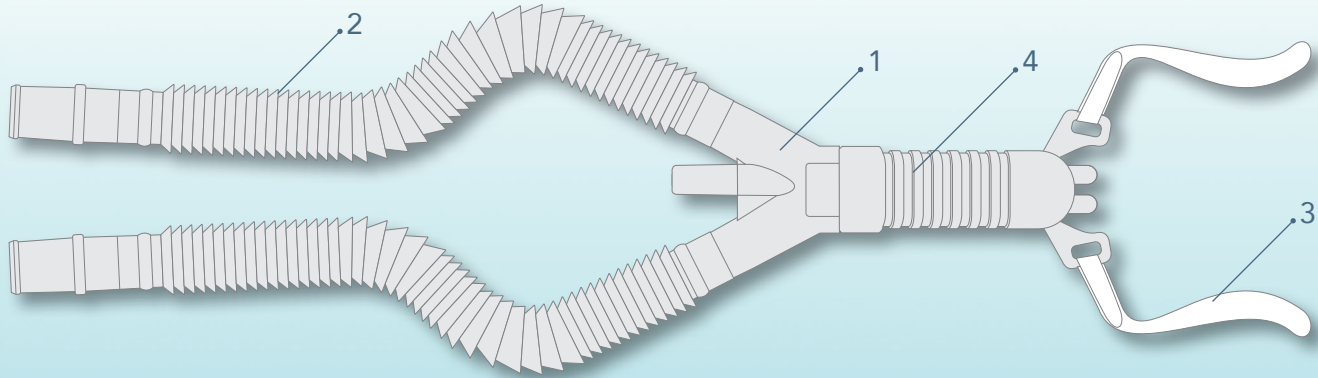
Preparing the System

e.g. prong & head band

The following parts are required:

- one applicator
- decoupling tube set
- fixing straps
- matching prong
- forehead pad
- forehead support
- suitable head band





Firstly, the y-shaped applicator (1) is connected to the decoupling tubes (2). After this the two fixing straps (3) are fastened to the prong (4).

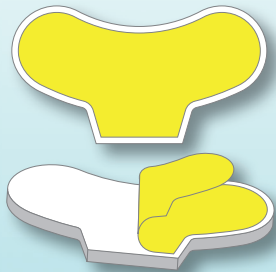
Attach the applicator to the system and connect it to the respective respirator.

Step 6

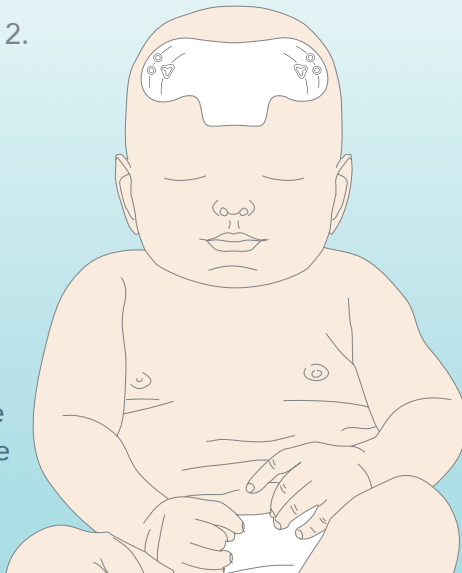
Fitting the System

e.g. prong & head band

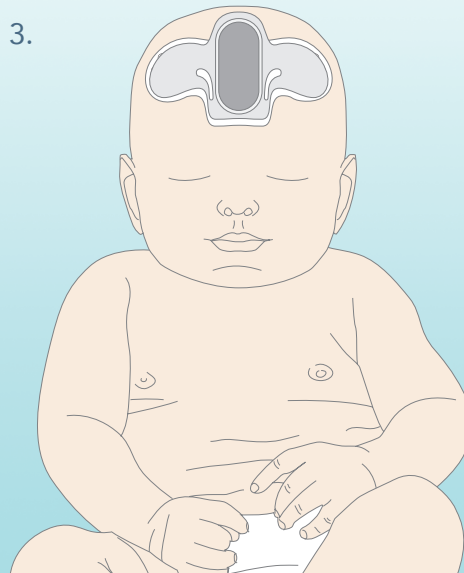
1.



2.



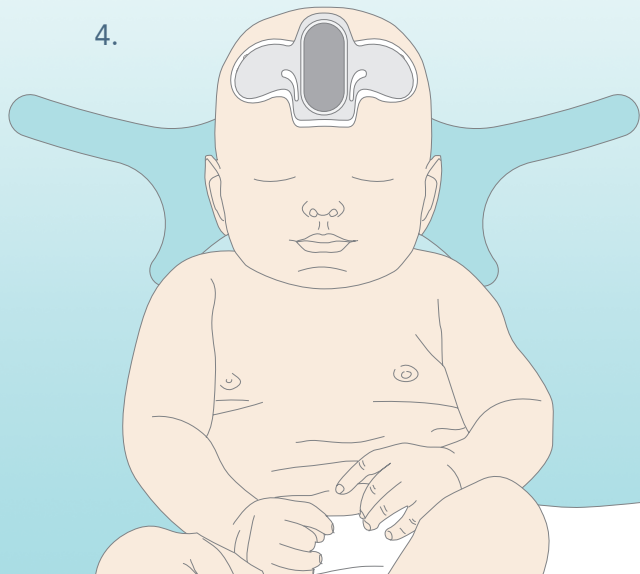
3.



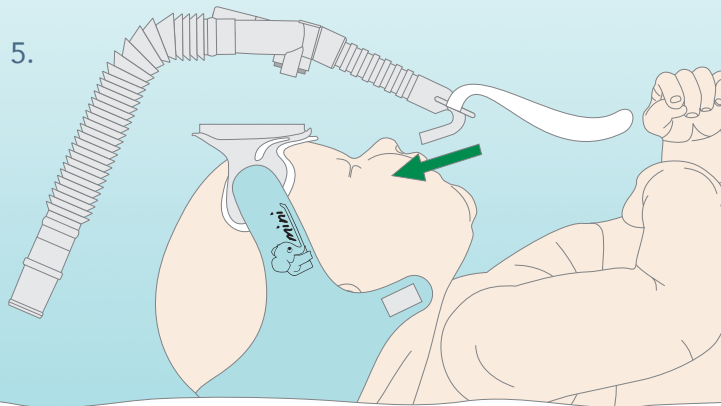
TIPP:

To ensure optimal hold, the forehead skin should be dry before applying the forehead pad.

4.



5.

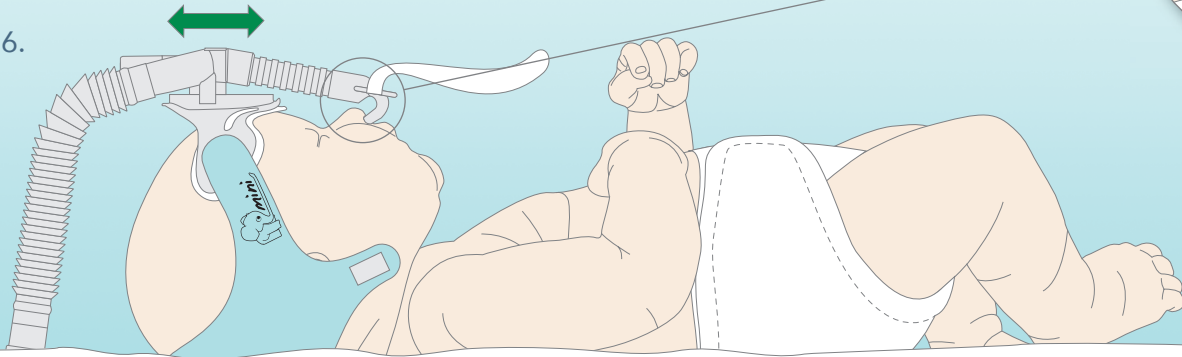


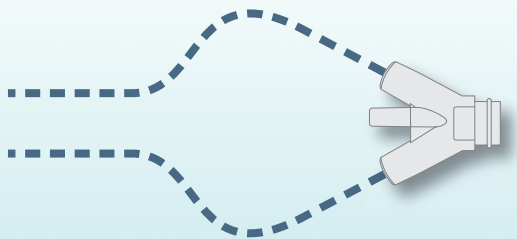
Step 6

Fitting the System

e.g. prong & head band

6.

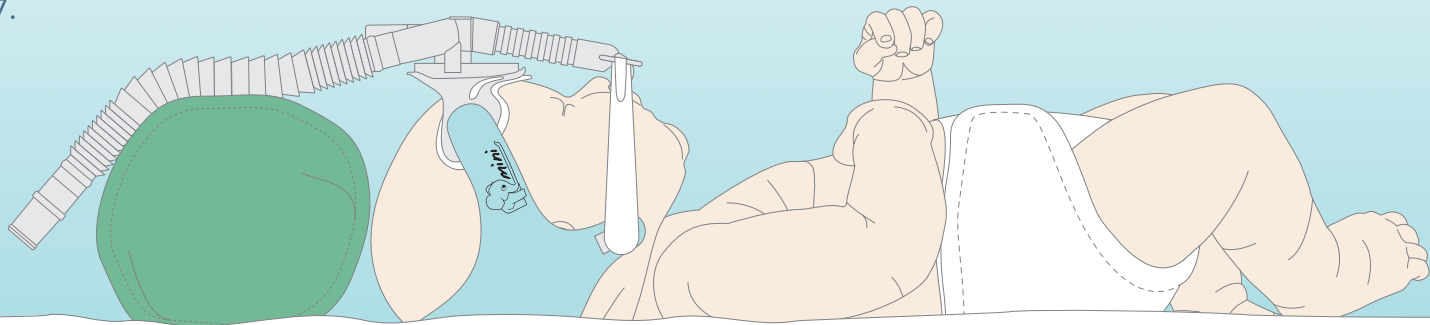




Tip:

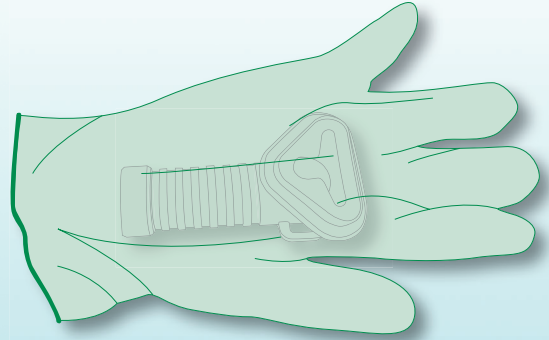
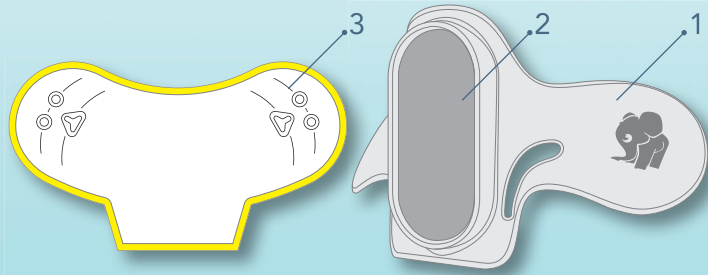
Place the decoupling tubes onto a cushion in a heart shape. This releases the mechanical force of the decoupling tubes. Do not expand decoupling tubes completely (extensive condensation possible as tubes are unheated).

7.



Tips & Tricks

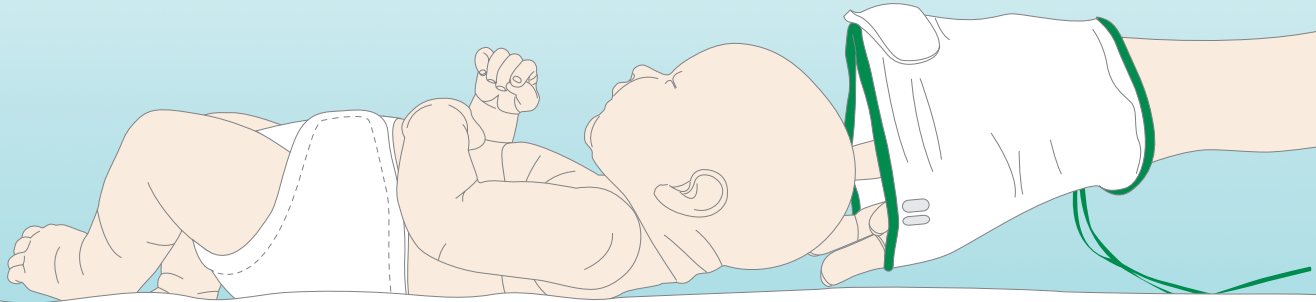
The pitch angle of the metal part (2) may be varied via the winged sides of the forehead support. The pitch angle is essential for the fit of mask and prong. On the forehead pad (3) the respective markings are indicated for adjustment to the suitable pitch angle for prong and mask.



Therapy should be initiated using a mask. At the beginning patients are noticeably calmer with masks instead of prongs. A changeover between mask and prong should take place every 6-8 hours. After the changeover, mask or prong may be stored in a hygienically clean environment, e.g. a disposable glove.

To fit the bonnet, pull it over one hand and position on patient's head spreading all fingers. The bonnet must cover the ears without folding the auricle. By covering the ears, ambient noise is reduced and the patient remains calmer.

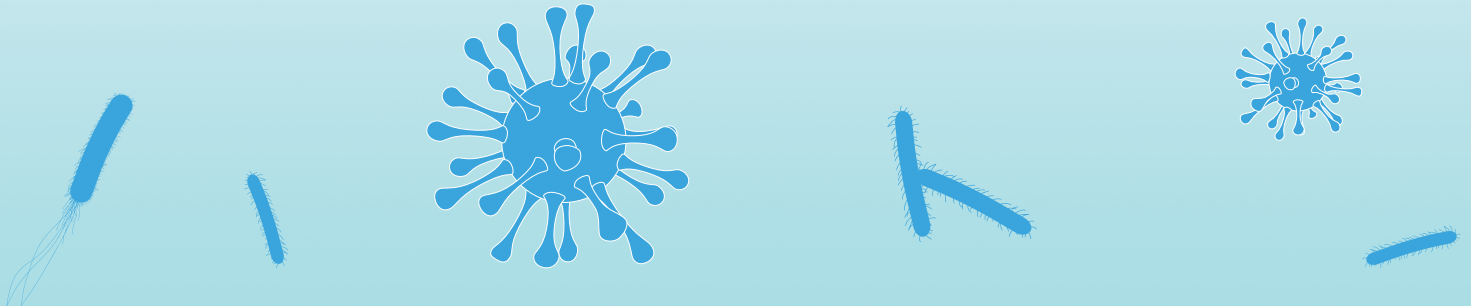
The Velcro® parts of the bonnet have to be located on both sides of the patient's head. Bonnet, prongs and masks have to be adjusted to the growth of the child on a regular basis.

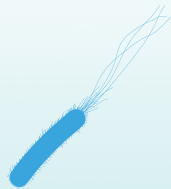
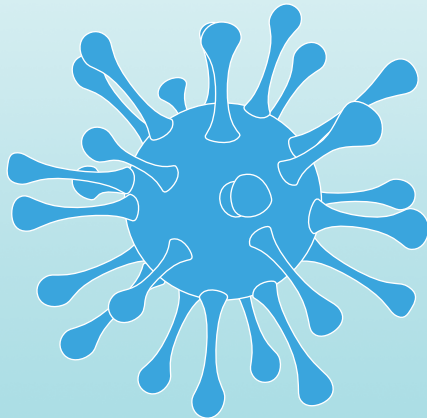
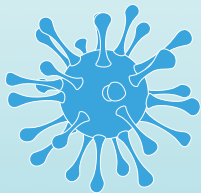


Hygiene Information

The Max-von-Pettenkofer-Institute has found during a micro-biological analysis of 100 patients that the development of germs only occurs during the first 24 hours. An increase, respectively growth of germs up to the seventh day could not be determined.

After a damage of the mucous membrane, bi-nasal prongs and masks should be exchanged for new sterile ones when treating the wound.





System Accessories Overview

Accessories

Description	Quantity	Article number
Forehead pad with silicone gel	5	1 701 61 018
Forehead pad without silicone gel	5	1 701 61 017
Forehead support for bonnets	1	1 701 63 051
Forehead support for head bands	1	1701 63 065
Applicator with magnet and pressure sealing cap	5	1 701 61 161
Decoupling tube set Ø 10 mm	5	1 701 63 408
Decoupling tube set Ø 12 mm (F&P)	5	1 701 63 409
Fixing strap for bonnet, adjustable with Velcro® pads	10	1 701 63 071
Fixing strap for head band micro & mini	10	1 701 63 063
Fixing strap for head band maxi	10	1 701 63 064
Measuring tape for circumference & body length	1	1 701 60 074
Template for Mask & Prong sizes	1	1 701 60 020

Bonnets with forehead pad and 2 fixing straps

Size	Color	Circumference	Weight	Article number
XS		20 - 22 cm	500 - 700 g	1 701 61 019
S		22 - 24 cm	700 - 900 g	1 701 61 020
M		24 - 26 cm	900 - 1,200 g	1 701 61 021
L		26 - 28 cm	1,200 - 1,600 g	1 701 61 022
XL		28 - 30 cm	1,600 - 2,400 g	1 701 61 023
XXL		30 - 33 cm	2,400 - 3,000 g	1 701 61 024
3XL		33 - 36 cm	3,000 - 4,200 g	1 701 61 025
4XL		36 - 39 cm	4,200 - 6,000 g	1 701 61 026
5XL		39 - 42 cm	6,000 - 7,300 g	1 701 61 027
6XL		42 - 45 cm	7,300 - 8,800 g	1 701 61 028
7XL		45 - 48 cm	> 8,800 g	1 701 61 029

Extension for Mask & Prong

Size	Quantity	Article number
XL	5	1 701 61 000

Brochure – User information

Quantity	Article number
1	1 701 90 002

Head band with forehead pad and 2 fixing straps

Size	Circumference	Weight	Article number
micro	20 - 28 cm	500 - 1,350 g	1 701 61 040
mini	28 - 36 cm	1,350 - 3,700 g	1 701 61 041
maxi	36 - 48 cm	3,700 - 8,400 g	1 701 61 042

Masks

Size	Quantity	Article number
XS	5	1 701 61 005
S	5	1 701 61 012
M	5	1 701 61 013
L	5	1 701 61 014
XL	5	1 701 61 015

Bi-nasal Prongs

Size	Quantity	Article number
XXS	5	1 701 61 007
XS	5	1 701 61 006
S	5	1 701 61 001
M	5	1 701 61 002
L	5	1 701 61 003
XL	5	1 701 61 004

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