Infant Flow® LP - Bonnet

For instructional videos, visit: www.carefusion.co.uk/SiPAP
Infant Flow® LP - Mask

Examples of correct measurement and application

Examples of incorrect application

- High on bridge of nose
- Rests against eyes
- Rests on upper lip
- Strap tension too tight (both sides)
- Nares and septum not visible
- Strap tension too tight (one side)

For instructional videos, visit: www.carefusion.co.uk/SiPAP
Infant Flow® LP - Prong

Examples of incorrect application
• Too tight, bellows compressed
• Prong outside nare
• Base not seated on the generator head

For instructional videos, visit: www.carefusion.co.uk/SiPAP
Infant Flow® Abdominal Sensor Placement

Tips and Tricks:
1. Connect capsule to pressure box before placing sensor on body, if not capsule might be empty at connection to box and reduces sensitivity.
2. Observe the breathing and place sensor at largest excursions.
   a. Do not place the sensor over the liver.

BiPhasic trigger function:
1. Captures up to 74 percent of breaths.
2. The new Low Pressure (LP) generator reduces the inspiratory work of breathing during BiPhasic tr up to 70 percent, compared with the old generator.


For instructional videos, visit: www.carefusion.co.uk/SiPAP
BiPhasic trigger function:
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2. The new Low Pressure (LP) generator reduces the inspiratory work of breathing during BiPhasic tr up to 70 percent, compared with the old generator.²

Infant Flow® Oxygen Sensor Calibration

Calibrate the oxygen _before_ setting nCPAP/BiPhasic settings.

For educational resources, visit: [www.carefusion.co.uk/SiPAP](http://www.carefusion.co.uk/SiPAP)
Infant Flow® NCPAP or BiPhasic Set-up

3. Adjust the pressure high flowmeter until the pressure displays 2–3 cmH₂O above the set nCPAP pressure.

2. Adjust the oxygen control dial to set the desired FiO₂.

1. Adjust the pressure low flowmeter until the desired nCPAP pressure displays on screen.

4. To use the apnea monitor, connect the transducer interface to the Infant Flow® SiPAP driver.

Initial settings based on respiratory conditions:
- Baseline CPAP: 4–6 cmH₂O
- Pressure high (Phigh): 1–3 cmH₂O above CPAP level
- T-high: 1.0 seconds
- Rate: 6 cycles/minute

Please note after selecting each desired setting in steps/boxes 1–4, press the flashing question mark icon to change to a checkmark.

For educational resources, visit:
www.carefusion.co.uk/SiPAP

3rd Edition SiPAP:
Upon turning off the power, acknowledge the alarm by tapping here

Note: The protocol above for the application of SiPAP therapy was suggested by S. Courtney, MD. This information is provided only as a guideline; refer to your facilities policies and procedures for nCPAP.

<table>
<thead>
<tr>
<th>Low CPAP</th>
<th>High CPAP (above low CPAP)</th>
<th>Time high</th>
<th>Cycle rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apnea</td>
<td>4–5 cmH₂O</td>
<td>1–2 cmH₂O</td>
<td>0.3–0.5 sec</td>
</tr>
<tr>
<td>Oxygenation</td>
<td>4–5 cmH₂O</td>
<td>2–3 cmH₂O</td>
<td>1.0 sec</td>
</tr>
<tr>
<td>Ventilation</td>
<td>4–5 cmH₂O</td>
<td>≥ 3 cmH₂O</td>
<td>0.5–3.0 sec</td>
</tr>
</tbody>
</table>
Infant Flow® Set-up of BiPhasic Mode

Hold for 3 sec

Pressure alarms:
- +3 and -2

FiO₂ alarms:
- +/-5

Infant Flow®

Set-up of BiPhasic Mode:

1 - select Rate or T-High
2 - adjust
3 - confirm

To Adjust the Rate or the T-High

For educational resources, visit: www.carefusion.co.uk/SiPAP