Infant Flow™ LP nCPAP system Caregiver Talking Points

- Lighter
- Quieter
- · Smaller generator head
- · Larger interface selection
- · Two fixation options bonnet and headgear
- The generator assembly does not contain latex or Bisphenol A (BPA)
- · Phthalates (e.g. DEHP) free

Are your neonatal patients working harder than they have to?

Sometimes it is easier for you to use a High Flow Nasal Cannula (HFNC) and the RAM cannula, but your tiniest patients may be working too hard. "Easier" is not always the best treatment option for your neonatal patients.

To help your neonatal patients not work so hard, Infant Flow Low Pressure (LP) interface delivers a constant CPAP level² with the lowest work of breathing (WOB).^{3, 4}

HFNC

HIPSTER trial results5

HFNC fails at nearly double the rate of nCPAP.

BiPhasic

Infant Flow BiPhasic can help you further achieve your goals to keep neonates off invasive ventilation and improve clinical outcomes.^{6,7}

When BiPhasic is used, **apnea of prematurity** has been shown to **decrease by 50%**.

25.5% 13.3% 6.1%

nCPAP

Infant Flow™ LP generator: Feature	Benefit Control of the Control of th
Dual jet	 Two jets per nostrils aids in delivery a constant level of nCPAP throughout the breath cycle, maintaining optimal nCPAP therapy
Fluidic technology	Inhalation - provides a constant level of CPAP pressure. The fluidic jets entrain flow instantly when needed to match the patient's inspiratory demand The letting and line to the inspiratory demand.
Lower WOB	 Exhalation - redirects the incoming gas flow away from the infant during exhalation Reduced work of breathing by up to 70% in BiPhasic triggered mode, compared to legacy generator¹
	 Helps increase patient comfort and effectiveness of the therapy; allowing calories to be utilized for growth versus breathing efforts

HFNC⁵





BiPhasic/DuoPAP

Infant Flow [™] LP generator: Feature	Benefit
Quieter	 Lower noise level for the caregivers by up to 6 decibels Decreases noise level around the infant
Lighter	 18 to 22% lighter than the previous generation Less weight applied to the infant's nasal area, reducing risks of skin irritation
Corrugated exhalation tube	 Expandable tubing directs flow and noise away from patient and caregiver Flexible exhalation tube allows for movement without placing additional torque on the generator and interface Saves clinician time in having to reposition the tubing Slits allow a path for gas to escape should the exhalation tube become kinked or occluded.
Low-pressure generator	 Lower drive pressure Prevents pressure backup into the water auto-feed system No pressure bags required Built-in "pop-off" relief valve Fixation tab Secures the bonnet straps to the generator Enables ease of application
High profile design	 Minimises the interface's contact with the infant's delicate skin Helps increase patient comfort Increased visibility of the infant's septum and skin without removing the device and interrupting CPAP therapy
Support tee/cradle	 Aids in proper positioning of the generator and acts as a shock absorber: Helping to absorb torque during movement Aids in minimizing pressure points Secures the tubing and increases stabilization
BPA and phthalate-free	 Phthalate exposure at levels seen in human populations may have male reproductive effects⁸

Mask/Prongs: Feature	Benefit
Mask: Contour shape (eye relief)	 A contoured area around the infant's eyes aids in: Minimising air leaks Helps maintain a proper fit Leads to less intervention from caregivers Less interruption in therapy
Mask: Observation window	 Allows the clinician to view the infant's septum and nares Enables to check for proper fit, and check for skin damage without having to interrupt therapy
Mask: Flexible, collapsible bellows	 Enables the mask to float and self-align during movement: Reducing leaks Evenly distributes pressure applied to the patient
Mask: Large, deep nasal cavity	Large, deep nasal cavity to reduce pressure points and fit a wide range of patients
Mask: Variable-wall thickness	Selective, controlled collapsible and non-collapsible sections for an improved fit, reduces pressure points and leaks by moving with the patient and provides large cushion area at the bridge of the nose reducing skin irritation in that area
Mask & Prongs: Colour-coded sizes	Available in 5 sizesColour coded for easy identification of sizing
Prongs: Anatomically designed	Longer anatomically designed prongs provide a better seal minimizing leaks and nursing intervention.
Prongs: Flexible bellows	Allows prongs to float and self-align reducing leaks and distributes pressure applied to the patient's nostrils evenly. Self-adjusts to a wide range of septal widths. Reduces caregivers need for intervention.
Prongs: Flared tips	During therapy fan out, to provide a better seal inside the nares reducing leaks and pressure points

Comfort-wrap headgear: Feature	Benefit
Intuitive design	A single clinician can secure the generator
	Minimises infant discomfort
	Gently wraps around the patient's head
	Secures with adjustable straps for a custom fit
	Six sizes and head circumference 17-42cm accommodated
Adjustability	As the infant's head circumference changes, the headgear can easily be modified to adapt
	Scalp and fontanelle easily accessible for procedures
Stabilization	The comfort wrap design secures the generator at the proper angle, which aids in minimizing leaks

Bonnets: Feature	Benefit
Comfort soft	The soft cotton offers a little stretch to conform to the infant's head and provide warmth
Open top	 Open at the top, the bonnet offers access to the scalp, allowing IV therapy, phototherapy and head ultrasound scans. Between therapies, the bonnet ends can be tied, covering the scalp and reducing heat loss.
Stabilization	The bonnet with the support cradle secures the generator at the proper angle, which aids in minimizing leaks
Size designation	 The tops of the bonnets are colour-coded for easy size identification. The bonnets are available in 10 sizes to provide a comfortable fit.

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