

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, our Infant Flow[™] with the Low Pressure (LP)^{*} interface delivers a constant CPAP level¹ with the lowest work of breathing (WOB).^{2,3}

* SiPAP, bellavista[™], and fabian[™] all use Infant Flow[™] LP as a neonatal NIV solution. These devices may not be available in all markets.

Features & Benefits

- **Lower work of breathing²**
- Decrease the need for intubation by **78%⁶**
- **40% less** days on **respiratory support** in patients treated with BiPhasic mode⁷
- A **47% decrease** in required oxygen compared to conventional nCPAP⁸
- Compliant with U.S. National Patient Safety Goal (NPSG 06.01.01) for alarm safety⁶

Recent studies conducted say:

HFNC

HIPSTER trial results⁴

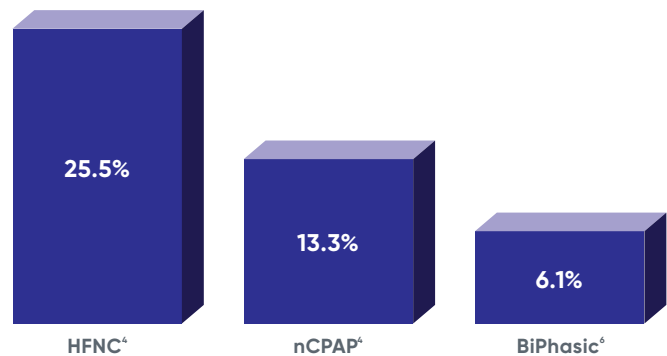
HFNC fails at nearly double the rate of nCPAP.

BiPhasic

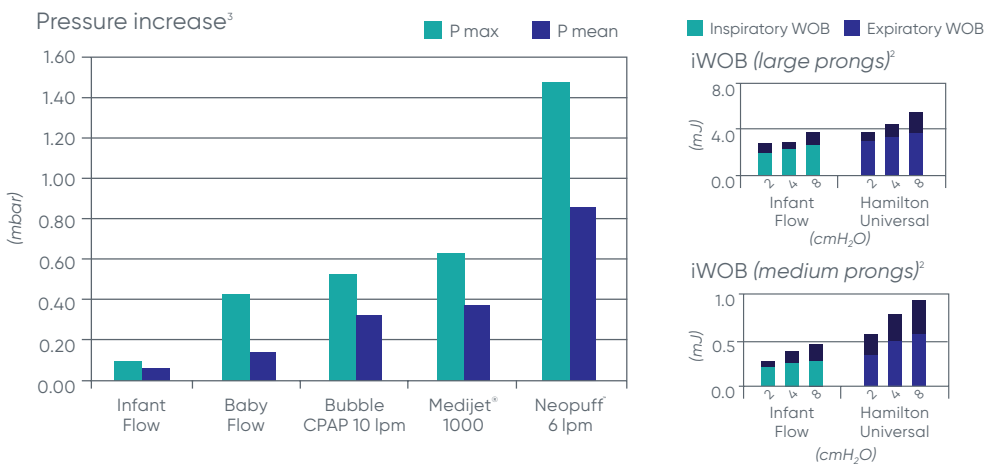
Infant Flow BiPhasic can help you further achieve your goals to keep neonates off invasive ventilation and improve clinical outcomes.^{5,6}

When BiPhasic is used, **apnea of prematurity** has been shown to **decrease by 50%⁵**.

Failure rate



Infant Flow[™] LP offers the lowest work of breathing



The evidence illustrates clinical superiority of Infant Flow[™] LP System.

Initiate Infant Flow nCPAP and **decrease** work of breathing.

Visit vyaire.com for more resources on Infant Flow SiPAP and the LP system.

1. Moa, G., Nilsson, K. A new device for administration of nasal continuous airway pressure in the newborn: an experimental study. *Critical Care Med.* 1988; 16:1238-1242
2. Drevhammar, T. et al. Comparison of seven infant continuous positive airway pressure systems using simulated neonatal breathing. *Pediatr Crit Care Med* 2012 Vol. 13, No. 2
3. Wald, M. et al. Variety of Expiratory Resistance Between Different Continuous Positive Airway Pressure Devices for Preterm Infants. *Artificial Organs* 2011 Jan;35(1):22-8
4. Roberts, C. et al. Nasal high flow therapy for primary respiratory support in preterm infants. *N Engl J Med*, 2016; September 22. 375:12
5. Ishihara, C. et al. Effects of infant flow Bi-nCPAP on apnea of prematurity. *Japan Pediatric Society*, 2015
6. Rong, Z. et al. Nasal bi-level positive airway pressure (BiPAP) versus nasal continuous positive airway pressure (CPAP) in preterm infants < 32 weeks: A retrospective cohort study. *J Paediatrics and Child Health*, 2016; 52:493-498
7. Lista G, Castoldi F, Fontana P, Daniele I, Caviglioli F, Rossi S, Mancuso D, Reali R. Nasal continuous positive airway pressure (CPAP) versus bi-level nasal CPAP in preterm babies with respiratory distress syndrome: a randomised control trial. *Arch Dis Child Fetal Neonatal Ed.* 2010; Mar;95(2):F85-9. doi: 10.1136/adc.2009.169219. Epub 2009 Nov 29. PMID: 19948523.
8. Pantalitschka T, Sievers J, Urschitz MS, Herberts T, Reher C, Poets CF. Randomised crossover trial of four nasal respiratory support systems for apnoea of prematurity in very low birth weight infants. *Arch Dis Child Fetal Neonatal Ed.* 2009 Jul;94(4):F245-8. doi: 10.1136/adc.2008.148981. Epub 2009 Jan 8. PMID: 19131432. Pediatric Society. 2015

Infant Flow™ LP Circuits and Generators

The Infant Flow™ LP nCPAP system features a dual jet generator that incorporates fluidic technology. The low momentum impinging jets effectively reduce the patient's WOB during inspiratory and reduces resistance to expiratory efforts. Compared to other variable flow devices, the Infant Flow™ LP generator has been designed to utilize 80% less driving pressure on average to create the same pressure level at the patient nares.

The generator head contains 4 impinging jets, 2 per nare, and connects the nasal interface, fixation device and exhaust tube.

The pressure relief valve provides secondary pressure safety.



Infant Flow™ LP Headgear

	Part #	Description	Meas.	UM
	777040XS	Infant Flow™ LP Headgear, Extra Small	17-21 cm	10/pkg
	777040S	Infant Flow™ LP Headgear, Small	21-26 cm	10/pkg
	777040SM	Infant Flow™ LP Headgear, Small/Med	24-28 cm	10/pkg
	777040M	Infant Flow™ LP Headgear, Medium	26-32 cm	10/pkg
	777040L	Infant Flow™ LP Headgear, Large	32-37 cm	10/pkg
	777040XL	Infant Flow™ LP Headgear, Extra Large	37-42 cm	10/pkg

Infant Flow™ LP Bonnets

	Part #	Description	Meas.	UM
	777010	Infant Flow™ LP Bonnet, Size 000	18-20 cm	10/pkg
	777012	Infant Flow™ LP Bonnet, Size 00	20-22 cm	10/pkg
	777014	Infant Flow™ LP Bonnet, Size 0	22-24 cm	10/pkg
	777016	Infant Flow™ LP Bonnet, Size 1	24-26 cm	10/pkg
	777018	Infant Flow™ LP Bonnet, Size 2	26-28 cm	10/pkg
	777020	Infant Flow™ LP Bonnet, Size 3	28-30 cm	10/pkg
	777022	Infant Flow™ LP Bonnet, Size 4	30-32 cm	10/pkg
	777024	Infant Flow™ LP Bonnet, Size 5	32-34 cm	10/pkg
	777026	Infant Flow™ LP Bonnet, Size 6	34-36 cm	10/pkg
777028	Infant Flow™ LP Bonnet, Size 7	36-38 cm	10/pkg	

Infant Flow™ LP nCPAP Generator / Circuits

	Part #	Description	UM
	7772020LP	Infant Flow™ LP Generator Kit, including generator, sizing guide, and small/medium/large nasal prongs. Single patient use.	10/box
	7772000LP	Infant Flow™ LP Generator Kit, including generator, sizing guide, no nasal prongs. Single patient use.	10/box
	7772011	Infant Flow LP nCPAP Generator/ Circuit Kit (F&P MR 730 & 850 Humidifiers)	10/case
	7772021	Infant Flow LP nCPAP Generator/ Circuit Kit (F&P MR 730& 850 Humidifiers)	20/case

Infant Flow™ LP Nasal Prongs

	Part #	Description	UM
	777000XS	Nasal Prongs, Extra Small	10/box
	777000S	Nasal Prongs, Small	10/box
	777000M	Nasal Prongs, Medium	10/box
	777000L	Nasal Prongs, Large	10/box
	777000XL	Nasal Prongs, Extra Large	10/box

Infant Flow™ LP Nasal Mask

	Part #	Description	UM
	777002XS	Nasal Masks, Extra Small	10/box
	777002S	Nasal Masks, Small	10/box
	777002M	Nasal Masks, Medium	10/box
	777002L	Nasal Masks, Large	10/box
	777002XL	Nasal Masks, Extra Large	10/box

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