

# 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<sup>®</sup> 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<sup>®</sup> SiPAP with the Low Pressure (LP) interface delivers a constant CPAP level<sup>1</sup> with the lowest work of breathing (WOB).<sup>2,3</sup>

Here is what the recent literature says:

## HFNC

### HIPSTER trial results<sup>4</sup>

HFNC fails at nearly double the rate of nCPAP.

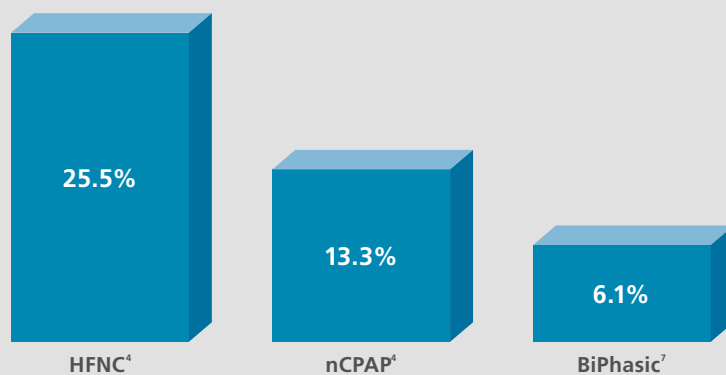
**Note:** The RAM cannula has **no** FDA clearance for CPAP.<sup>5</sup>

## BiPhasic

Infant Flow BiPhasic can help you further achieve your goals to keep neonates off invasive ventilation and improve clinical outcomes.<sup>6,7</sup>

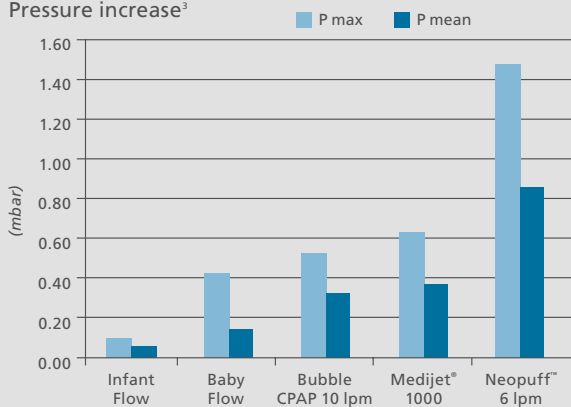
When BiPhasic is used, **apnea of prematurity** has been shown to **decrease by 50%**

## Failure rate

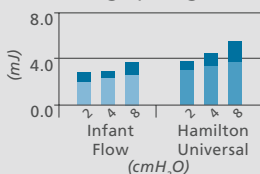


## Infant Flow offers the lowest work of breathing

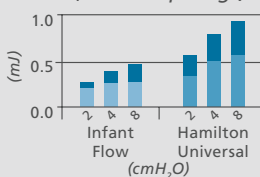
Pressure increase<sup>3</sup>



iWOB (large prongs)<sup>2</sup>



iWOB (medium prongs)<sup>2</sup>



## Stop sacrificing quality of care for ease of use

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

Visit our educational hub to learn more about application of the Infant Flow LP interface as well as to download instructions on how to set up the BiPhasic mode.

Visit our mobile friendly site at

[www.carefusion.com/SiPAP](http://www.carefusion.com/SiPAP)

### References

- 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
- 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
- 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
- Roberts, C. et al. Nasal high flow therapy for primary respiratory support in preterm infants. *N Engl J Med.* 2016; September 22. 375:125
- Gerdes, J. et al. Factors Influencing Delivered Mean Airway Pressure During Nasal CPAP with RAM Cannula. *Pediatric Pulmonology*, April, 2015
- Ishihara, C. et al. Effects of infant flow Bi-nCPAP on apnea of prematurity. *Japan Pediatric Society.* 2015
- 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

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