



The Benefits of F&P Optiflow Junior

F&P Optiflow Junior provides a revolutionary step between low-flow oxygen therapy and CPAP. In some clinical scenarios it has even been found to reduce the requirement for CPAP and intubation.^{1,2,3}

By combining an anatomically contoured nasal cannula with comfortable humidified flow, your neonatal and pediatric patients can receive vital oxygen and flow support that's easier for clinicians, effective for their patients and kinder on parents.

Easier for Caregivers and Nurses



- Reduced requirement for CPAP and intubation^{1,2,3}
- Increased flows are better tolerated with humidity⁴
- Easy set-up and maintenance (Wigglepads are self-adhesive)
- Easy cycling
- More settled patients require less attendance time
- 87% average reduction in condensate**

Easier on Patients



- Used to reduce risk of nasal trauma⁵
 - Comfortable – especially designed for Junior
 - Less likelihood of therapy escalation^{1,2,3}
 - Supports developmental care
- “Optiflow cannulae are easier to apply than standard cannulae”**

Easier on Parents



- Easier skin-on-skin time
 - Easier feeding
 - Easier routine caring
 - Better maneuverability
- “Parents like F&P Optiflow because the infant has less equipment on their face.”**

* Feedback obtained in clinical testing.

** Average result found in internal Fisher & Paykel Healthcare testing compared to an F&P RT329 Circuit.

F&P Optiflow Junior				
Product	Item Code	Approx. Weight Range	Max. Flow Rate (L/Min)	Spare Wigglepads
Optiflow Junior Nasal Cannula				
 Premature Size	OPT312	<2kg	8	OPT010
 Neonatal Size	OPT314	1-8kg	8	OPT012
 Infant Size	OPT316	3-15kg	20	OPT012
 Pediatric Size	OPT318	12-22kg	25	OPT012
Optiflow Junior Tubing Kit	RT330 for MR850, 900PT531 for AIRVO 2	N/A	Refer to Optiflow Junior Nasal	N/A

Superior Infant Care



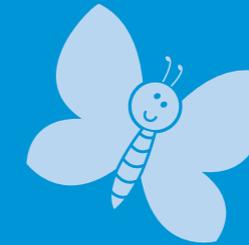
Precious new life deserves the best possible start. From the first breath the F&P Infant Respiratory Care Continuum™ facilitates the evolution from immature and supported lung function to respiratory independence. At every point of the Care Continuum, humidified solutions help to emulate the natural physiological balance in healthy, mature lungs. As an infant's needs change, so does the configuration of the therapy system. As a result caregivers can nurture life, confident they are using the best therapy solutions, delivered in the most efficient ways using F&P Optiflow Junior.

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1. Shoemaker MT, Pierce MR, Yoder BA, et al. High flow nasal cannula versus nasal CPAP for neonatal respiratory disease: a retrospective study. *J Perinatol.* Feb 2007;27(2):85-91. 2. McKiernan C, Chua LC, Visintainer PF, et al. High Flow Nasal Cannulae Therapy in Infants with Bronchiolitis. *J Pediatr.* Dec 24 2009;156(4):634-638. 3. Schibler A, Pham TM, Dunster KR, et al. Reduced intubation rates for infants after introduction of high-flow nasal prong oxygen delivery. *Intensive Care Med.* Mar 3 2011 4. Dani C, Pratesi S, Migliori C, et al. High flow nasal cannula therapy as respiratory support in the preterm infant. *Pediatr Pulmonol.* Jul 2009;44(7):629-634. 5. Hough JL, Shearman AD, Jardine LA, et al. Humidified high flow nasal cannulae: Current practice in Australasian nurseries, a survey. *J Paediatr Child Health.* Apr 7 2011.

F&P Optiflow™ junior

Easy Care, Effective Flow



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Easy Care, Effective Flow

From the tip of Junior's nose, to the tail end of the breathing circuit, every feature of the F&P Optiflow Junior system has been intricately designed to provide easier care, more effective flow and better patient outcomes.

The breathing circuit has been designed to improve on our current system with a significant reduction in condensate. The revolutionary Optiflow Junior cannula range has been designed specifically for the delicate anatomical features and flow requirements of your neonatal and pediatric patients.



1. Breathable FlexiTube™

- Minimizes troublesome mobile condensate
- Kink-proof and resistant to crushing, makes therapy delivery safer

2. Adhesive Wigglepads™

- Easily maintain cannulae stability on cheeks
- Replace cumbersome tapes and dressings usually needed to fix nasal cannulae in place

3. Anatomically Designed Soft-touch Nasal Prongs

- Specifically contoured for Junior's delicate anatomical features
- Designed to deliver flow comfortably without facial trauma

4. Easy-click Connector

- Color coded to easily identify size
- Rotates for convenient movement of patient and breathing circuit

5. Pressure Relief Valve

- Limits device's back pressure to protect Junior and the system
- Oxygen-analyzing and pressure-monitoring ports

6. Auto-fill Chamber

- Automatically refills to ensure a constant water level

7. MR850 Humidifier

- One humidifier for all neonatal and pediatric respiratory therapies
- Designed to provide Optimal Humidity to Junior while reducing the need for clinician input

8. RT330 Circuit

- 87% average reduction in condensate*
- Flexibility of care for Junior with extended length of tubing 5' 9"/1.75m

9. EasyClip

- A movable clip that easily fixes to clinicians or parents' clothing during kangaroo care and feed times to prevent drag on Junior's face
- Can also be used for easier positioning of the circuit while Junior is in his cot

* Average result found in internal Fisher & Paykel Healthcare testing compared to an F&P RT329 Circuit.