F&P Optiflow Duet

ASYMMETRIC INTERFACE

HIGH FLOW THERAPY – ENHANCED

Pressure[1] / Dead Space Clearance[1] / Comfort[2]

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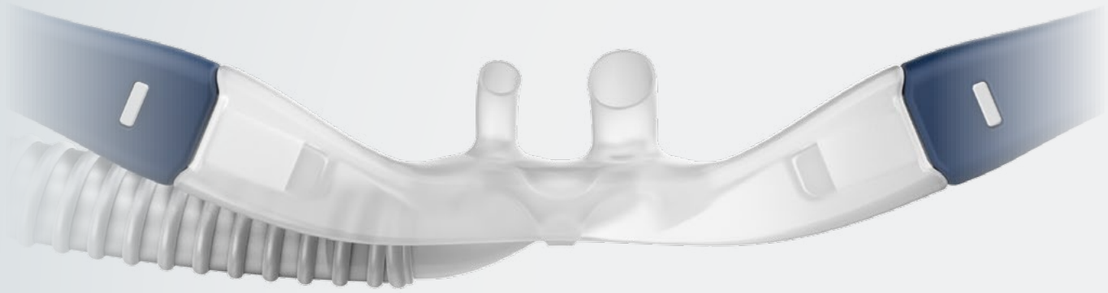
Asymmetric interface.

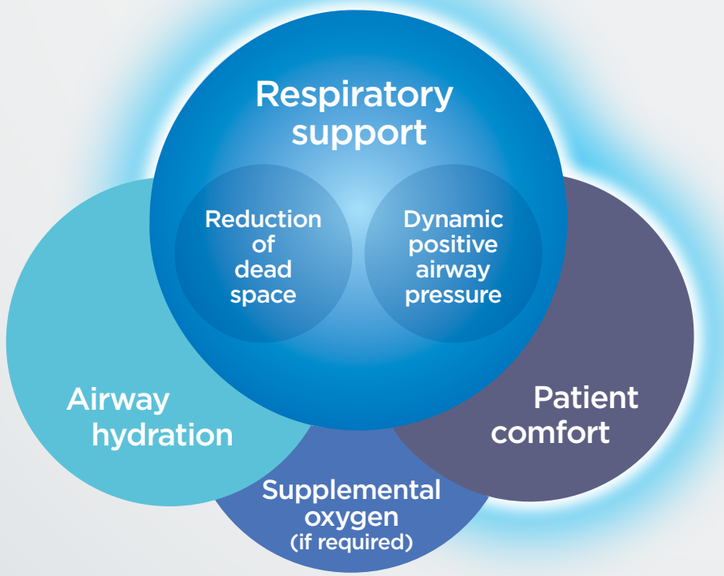


High flow therapy – enhanced.

Decades of experience in nasal high flow has produced an interface designed to deliver and **enhance** therapy.

The unique asymmetric design improves **dead space clearance** and **pressure** – delivering improved respiratory support without compromise.

Prong design	Dead space clearance	Pressure
Symmetric	↓	↑
Symmetric	↑	↓
Asymmetric	↑	↑

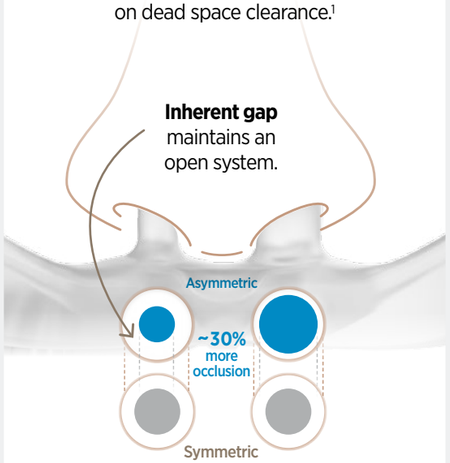


Pressure, dead space clearance, comfort.

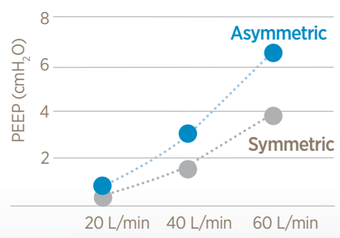
Dynamic positive airway pressure

Optiflow Duet **increases pressure**[1]

Asymmetric design provides greater occlusion without compromise on dead space clearance.[1]



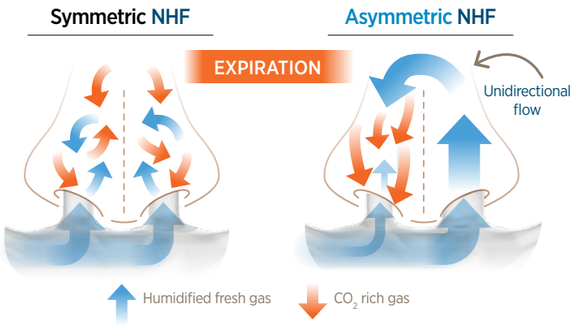
PEEP in an upper airway model*



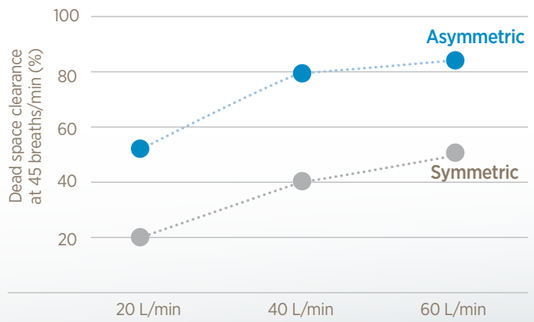
Reduction of dead space

Optiflow Duet **increases dead space clearance**[1]

Asymmetric design creates unidirectional flow which improves efficiency of dead space clearance without compromise on pressure.[1]



Dead space clearance in an upper airway model*



Patient comfort

Optiflow Duet **reduces noise**[3]

Asymmetric design offers a quieter[3] interface for patient comfort and compliance.

72% of users reported that the Optiflow Duet was quieter during therapy.#[4]

*Adapted from Tatkov S, et al. 2023. #Compared to their usual interface.

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Asymmetric interface

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S

OPT962

M

OPT964

L

OPT966

Find out more at
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1. Tatkov S, Rees M, Gulley A, et al. Asymmetrical nasal high flow ventilation improves clearance of CO_2 from the anatomical dead space and increases positive airway pressure. J Appl Physiol. 2023; 134(2):365-377. 2. Boscolo A, Pettenuzzo T, Zarantonello F, et al. Asymmetrical high-flow nasal cannula performs similarly to standard interface in patients with acute hypoxemic post-extubation respiratory failure: a pilot study. BMC Pulm Med. 2024; 24:21. Study conducted on patients with post-extubation hypoxemic acute respiratory failure. 3. Rees M et al. TR-37238 (internal F&P benchtop testing) 2021. Compared to symmetric interface, Optiflow+ Duet was lower in average dBA at 30, 40 and 50 L/min, p<0.05. 4. Gerez L, et al. TR-40899 (internal F&P preference trial) 2023. Cross-sectional survey with 18 participants at 15 sites in 3 countries.

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