



Respiratory physiology in HFNC patients

FluxMed GrNIV — the bedside monitor for high flow nasal cannula



- 1 One sensor between cannula and circuit.**
Simple, quick connection. No change to the patient interface.
- 2 Continuous RR and ROX index.**
Breath by breath, mouth open or closed.
- 3 Estimated tidal volume and patient PEEP.**
Computed from flow and pressure at the cannula, with the mouth closed.
- 4 Estimated patient effort over time.**
Model-based estimate for the lung condition selected by the operator.

Patient assessment

Continuous RR and ROX index, breath by breath, as objective inputs to the clinical evaluation.

Trends over time

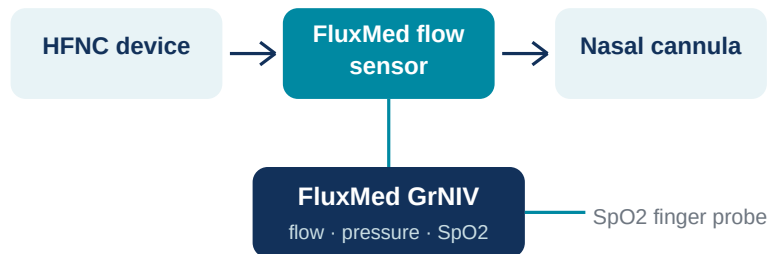
Estimated tidal volume, minute ventilation and effort to follow the patient's course during HFNC.

Research

Opens the door to new research on the physiology of patients on HFNC.

FluxMed GrNIV

How it connects



The flow sensor is placed between the HFNC circuit and the nasal cannula. The monitor reads flow and pressure at that point and the SpO2 probe on the finger; nothing else is added to the patient.

Parameters

Measured	Estimated
Respiratory rate	Tidal volume
ROX index	Minute ventilation
SpO2	Patient PEEP
Flow	Patient effort
FiO2 (set by the operator)	

Estimated parameters are derived from flow and pressure at the cannula and are most reliable with the mouth closed. They are intended to follow the patient's evolution over time, not to replace direct measurement.

Part of the FluxMed family

Same sensors, same signal processing, for every patient condition.



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Specifications, publications and contact

Regulatory status varies by country. Contact us for availability in your region.