

Vapotherm VET 2.0

Mask-Free NIV[®]



Proven Therapy.
Simply Delivered.

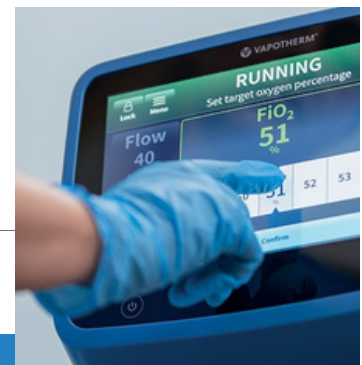


VET 2.0 is simple to use and fast to set up.

Built to work for you and your patients.

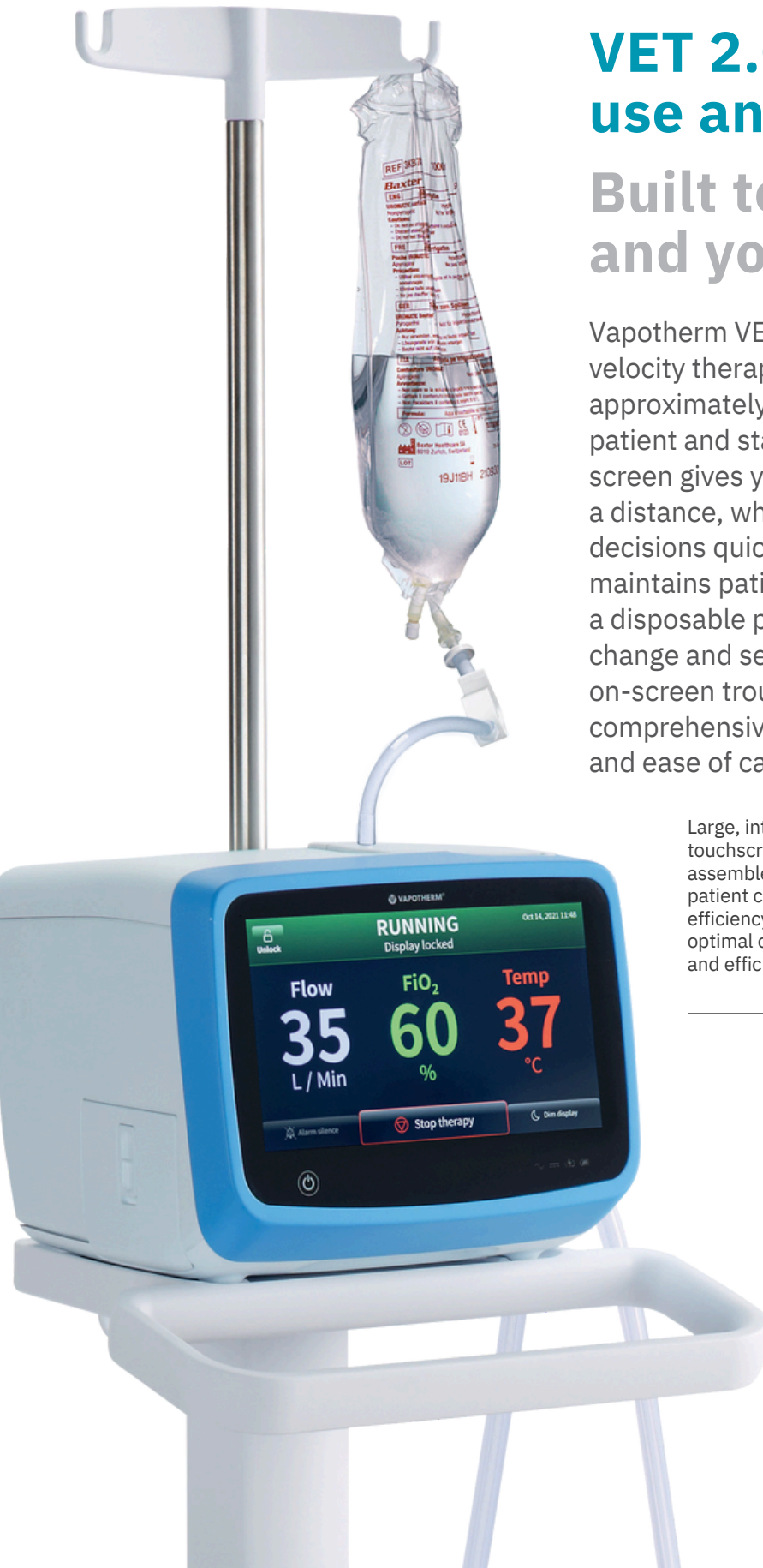
Vapotherm VET 2.0 uses our revolutionary high velocity therapy and is ready for use in approximately 5 minutes. It requires minimal patient and staff intervention. A large, intuitive screen gives you clinically relevant feedback from a distance, which means you can make informed decisions quickly, and with confidence. It maintains patient safety and infection control with a disposable patient circuit, that is simple to change and set-up between patients. It provides on-screen troubleshooting support, and comprehensive alarms that facilitate animal safety and ease of care.

Large, intuitive touchscreen and fully assembled disposable patient circuit enhances efficiency to help drive optimal clinical set-up and efficiency.



Quick-start therapy profiles for fast therapy initiation

Fast warm-up time, and fast disinfection between patients
Audible, tactile feedback and onscreen notifications simplify patient circuit set-up



Bridge the gap between treatment & patient comfort.

Designed to streamline clinical workflows and outcomes.

Our pioneering high velocity therapy is quick to initiate, comfortable, and works seamlessly with spontaneously breathing patients. Vapotherm VET 2.0 could help you reduce the need for a higher level of respiratory support.



Utilizes Vapotherm's clinically proven high velocity therapy.

Frees up clinician time for patient triage through intuitive design and simple set-up.



Uses comfortable ProSoft small bore nasal cannulas
Comfortable and facilitates patient communication, leading to higher therapy tolerance and compliance





Seamless mobility, and safety for your patients.

Anytime. Anywhere.

Our solution is powered by AC with an internal battery to add safety in the event of a power failure, a transfer battery for additional power needs, and has an internal blower that eliminates the need for air tanks during patient transfer. Mounted on our ergonomically designed roll stand and engineered to hold two O2 cylinders it allows you to safely maintain therapy, when and where you need it throughout the hospital – untethered from the wall with optimal mobility.

Pre-assembled
disposable patient circuit
for simple set-up and
infection control



Transfer battery provides up to 1 hour run time (when disconnected from AC).

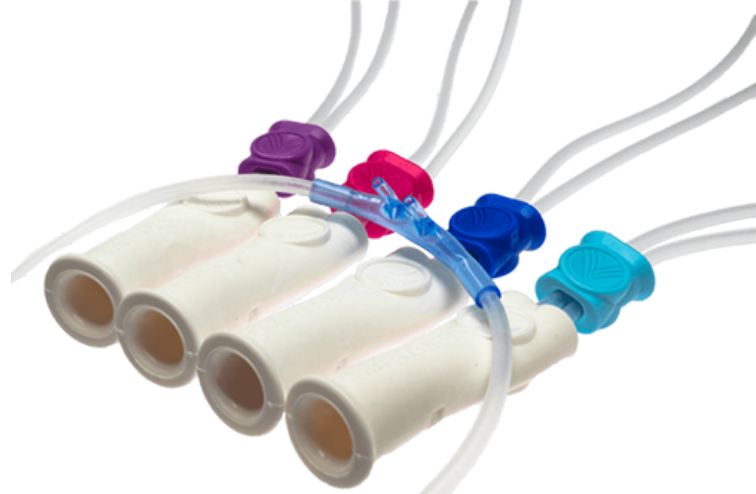


Enables patient continuum of care within the hospital with an internal blower and fully equipped roll stand that has a large handle for easy mobility.



ProSoft® Series

Hi-VNI® Nasal Cannulas



Clearly Comfortable

The ProSoft® series of Hi-VNI® nasal cannulas offers a soft, safe, and reliable alternative for a wide patient acuity range.

Unlike commodity high flow oxygen devices (HFNC), VapoTherm® high velocity therapy is indicated for use with respiratory distress patients, including high acuity hypercapnic patients.

The Perfect Fit

8 sizes are available from neonate to adult long with 4 inches of added lariat length to improve fit and comfort for larger patients. Each size is clearly color-coded for fast identification. No proprietary adhesive support is required.

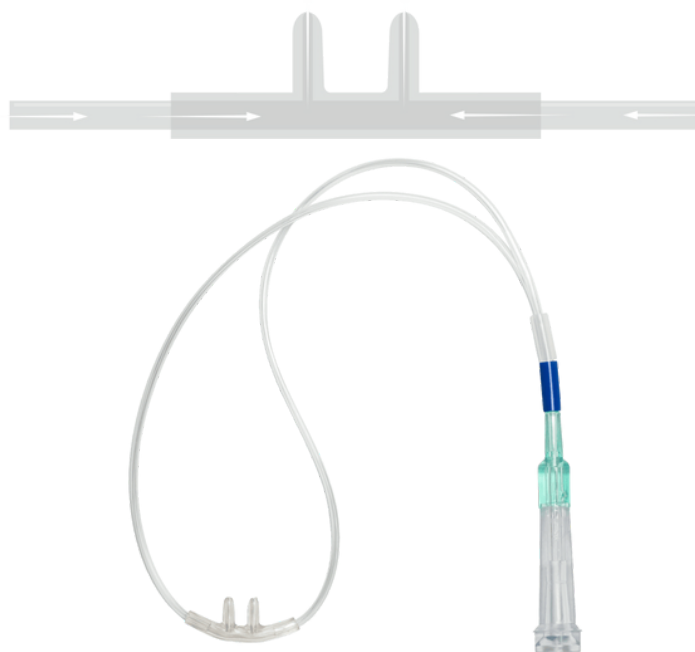
Soft On Patient Skin

Pressure ulcers occur in 70% of patients receiving 48 hours of ventilation. [1] Nasal cannulas have up to a 47% incident rate of pressure ulcers. [2] Soft cannulas have been shown to reduce pressure ulcers. [3] Color-Coded For Easy Selection Quickly identify the right cannula for your patient.

Cannula Sizes

Cannula Flow Range

● Premature	1-8 L/min
● Neonate	1-8 L/min
● Infant	1-8 L/min
● Intermediate Infant	1-8 L/min
● Pediatric Small	1-20 L/min
● Pediatric / Adult Small	5-40 L/min
● Adult	5-40 L/min
● Adult Large	5-40 L/min





UNICORN™

Single-Prong Nasal Cannula



Same therapy. For spontaneously breathing patients.

Do you ever care for patients who present with any of these challenges?

- Animal Patient
- Facial Trauma
- Nare Obstruction
- Facial Abnormality Require
- maximum CO₂ clearance
- Need to reduce oxygen consumption rate

Cannula Sizes

Cannula Flow Ranges

	HVT 2.0	Precision Flow
● Adult	5-45 L/min	5-40 L/min
● Pediatric	5-20 L/min	1-20 L/min
● Infant	5-8 L/min	1-8 L/min

	HVT 2.0	Precision Flow
● Adult	5-45 L/min	5-40 L/min
● Pediatric	5-20 L/min	1-20 L/min
● Infant	5-8 L/min	1-8 L/min

The Science Behind the Cannula

Effect of Single-Prong Cannula Design With High Velocity Therapy: Comparable Efficacy at Lower Gas Flow Rates¹

Objective

High velocity therapy (HVT) is a form of high-flow oxygen therapy which utilizes a small-bore nasal cannula (NC). We evaluated comfort and functionality of a new dual-prong (new DP) cannula to a single-prong (SP) cannula. Both were made using a more comfortable material.

Design

Randomized crossover evaluation in the outpatient and inpatient critical care setting including patients with hypercapnic COPD presenting with dyspnea above baseline.

HVT therapy was provided using existing HVT dual-prong NC (traditional) to determine the most efficacious flow rate. Patients then randomized to receive the new DP cannula, or the SP cannula, and retitrated for optimal flow rate. Rated Perceived Dyspnea (RPD) was documented.

Conclusion

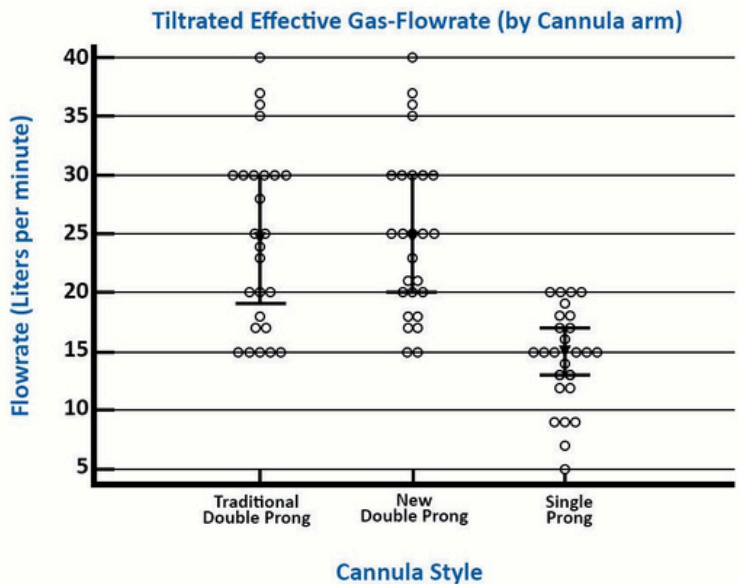
The new cannula designs provided comparable relief of dyspnea. The single -prong cannula provided comparable efficacy at significantly lower flow rates (traditional vs. SP; $p < 0.0001$ and new DP vs. SP; $p < 0.0001$). The use of a single-prong cannula with HVT warrants further study.

Results

N=26 completed the trial



Change in RPD from baseline for newDP and SP compared with the traditional cannula was significantly different ($p = 0.044$ and $p = 0.01$, respectively)



1. Atwood C. et al: Crit Care Explor 2025. DOI: 10.1097/CCE.0000000000001209



12151 62nd St N #5
Largo FL 33773 • USA

1 (866) 846-7517

For more information visit:

<https://infiniumvet.com>

Vapotherm VET 2.0 Mask-Free NIV®

Your first choice in the treatment of respiratory distress

Proven Therapy. Simply Delivered.

Vapotherm VET 2.0

technical specifications



Vapotherm VET 2.0
cannulas with sizes to
effectively fit every patient.

Physical characteristics

Dimensions	Height 9.1" (23.114 cm), width 11.1" (28.194 cm), depth 12.1" (30.734 cm)
Weight	16 lbs / 7.3 kg
Mounting	Tabletop or roll stand; fits IV poles up to 1.5" (38mm) diameter

System requirements

Power	100 to 240VAC, 50 to 60 Hz • 15-minute emergency backup power at 45 L/min flow rate
Water	Sterile water in pre-filled sealed bags or bottles
Oxygen supply required	Oxygen or oxygen concentration at inlet pressures between 4 and 87 psi (450 KPa)
Gas connection	Standard non-interchangeable fittings for oxygen (DISS or NIST)

Performance

Temperature	Range: 33 to 39 °C at exit from the delivery tube, adjustable, 1 °C Resolution Range: 21 to 100%
Oxygen percentage	O2
Flow rate	5 to 45 L/min BTPS
Operating environment	Ambient temperature: 18-30 °C Ambient relative humidity: 15-90% non-condensing Ambient pressure: Standard atmospheric – not to be used in hyperbaric conditions
Storage and shipping	Ambient temperature: -10 to +50 °C Ambient relative humidity: 10-90% RH non-condensing
Accessories	Roll stand Transfer upgrade kit • HVT 2.0 nurse call interface cable

*EMR connectivity and Nurse Call not currently available in all markets

Proven therapy. Simply delivered.

Improve your experience as well as your patients' – realize ease of care anytime and anywhere within your animal care facility.

To find out more about the benefits of Mask-Free NIV®, optimized workflows and the efficiencies Vapotherm high velocity therapy brings visit: infiniumvet.com

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VETERINARY HEALTH

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Largo FL 33773 • USA
1 (866) 846-7517

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