

PAIN & AIRWAY MANAGEMENT

RANGE

FreeO₂

Automated oxygen titration
and weaning



Value Life

WHY CHOOSE VYGON?

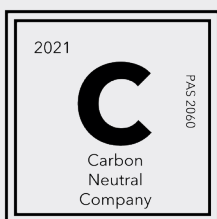


**OVER
60
YEARS
EXPERIENCE**

PATIENT CARE LIES AT THE HEART OF WHAT WE DO



**CLINICAL
EXPERTISE**



WE ARE A
**CARBON
NEUTRAL
COMPANY**

MORE THAN
100 MILLION
PRODUCTS IN
110 COUNTRIES



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OUR SERVICE OFFERING



Customer Service & Technical Support

Talk through your enquiry with our dedicated Teams.



Education & Training

We offer our customers a variety of valuable and comprehensive training options to help you, and your teams, meet your training requirements.



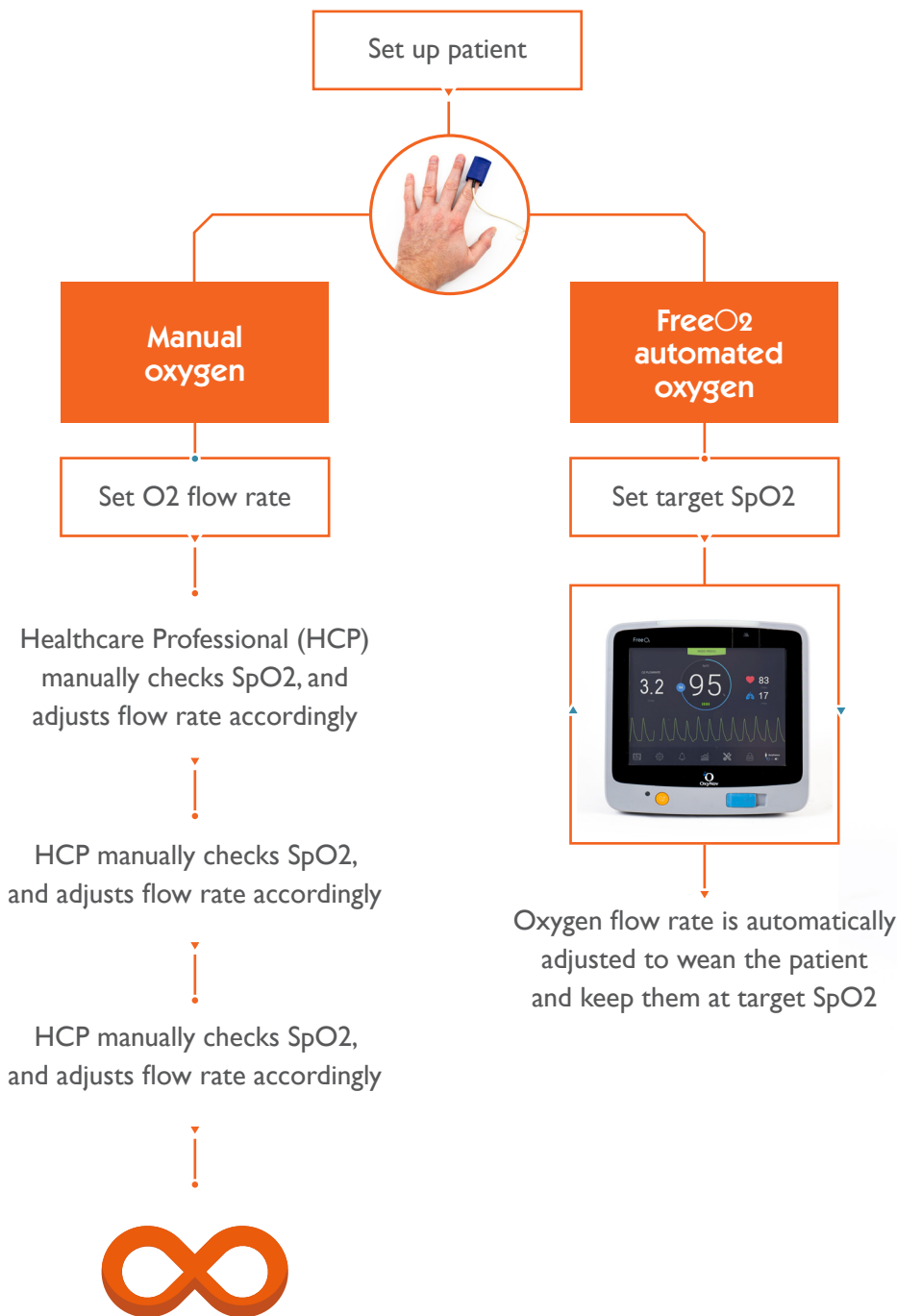
“We’ve found that using FreeO₂ lightens the load on staff, and they have that reassurance of compliance within clinical protocols around blood oxygen saturation (SpO₂). What’s vitally important for us at Vygon is that it also improves patient comfort and safety.”

Beverley Jones, Business Development Manager, Vygon (UK) Ltd

FreeO₂

Automated oxygen titration and weaning

FreeO₂ is a breakthrough technology which automatically adjusts patient oxygen flow rate to achieve and maintain target oxygenation (SpO₂), until they are fully weaned. By maximising time spent at optimal oxygen levels, FreeO₂ reduces the risk of complications relating to hypoxia and hyperoxia.





Automatic oxygen titration

Set your target SpO₂, and FreeO₂ will automatically manage the oxygen flow rate to titrate and wean the patient.

Easy to use

A lightweight, portable and user-friendly machine with Bluetooth® connectivity and touch screen functionality.



Patient treatment history

Up to 72hrs of recorded data on patient required O₂ flow, SpO₂, heart rate and respiratory rate.

Reduces the risk of clinical complications

Proven to significantly reduce patient exposure to hypoxia and hyperoxia.⁽¹⁾



HEALTH ECONOMIC BENEFITS AT EVERY STAGE OF TREATMENT

Designed by clinicians

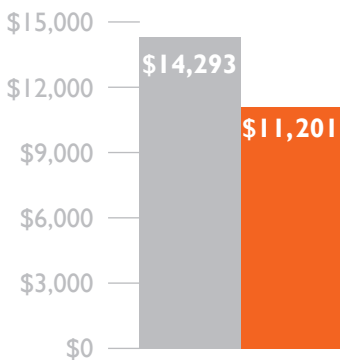
FreeO2 combats the dangers of oxygen toxicity by limiting complications relating to hypoxia and hyperoxia. In comparison with manual titration it allows you to wean patients quicker, and reduces the need for patients to be transferred to Intensive Care. In addition, data indicates a reduction in the workload of healthcare staff and greater compliance with clinical protocols.

Safer, more effective, more efficient

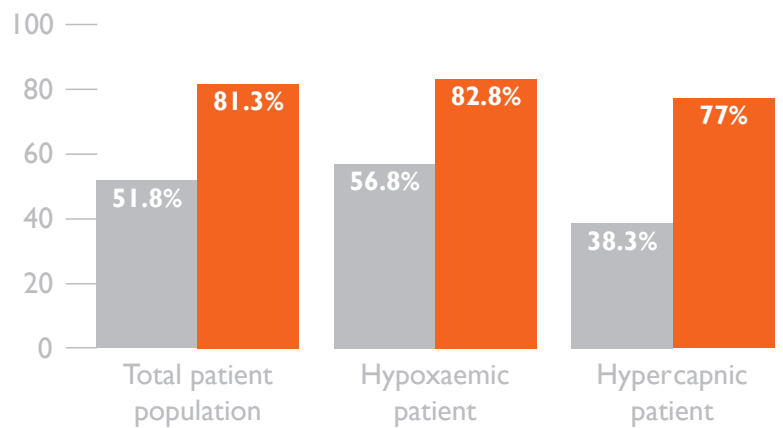
Fewer hypoxia and hyperoxia complications

Reduced costs through shorter hospital stays

- FreeO2
- Manual O2

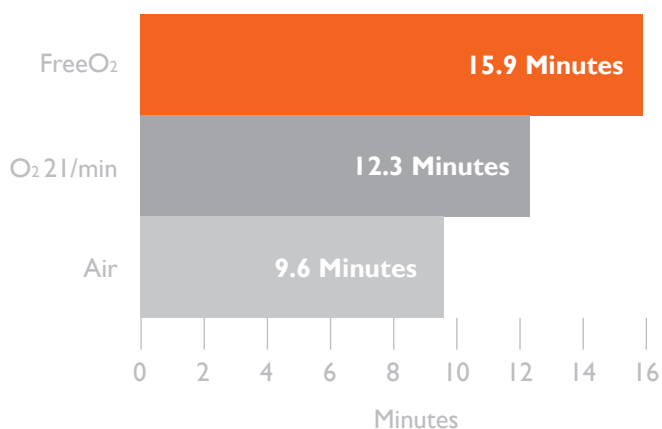


Cost per patient at 180 days (Canadian dollars)

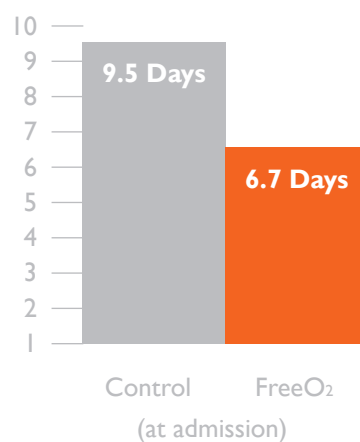


% of time spent at target SpO2 by patient condition

In a study of chronic obstructive pulmonary disorder (COPD) patients undergoing walking endurance exercises, the use of FreeO2 resulted in more effective oxygenation and an effort endurance time significantly greater than that of the control group. Even when FreeO2 delivered higher oxygen flow rates no cases of hypercapnia occurred, as target SpO2 adjustments prevented the onset of hyperoxia. ⁽²⁾



Walking endurance



Duration of hospital stay (days)



FreeO₂

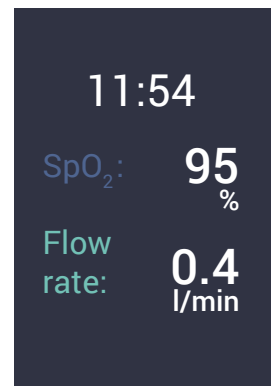
CONTINUOUS MONITORING FOR A BETTER OVERSIGHT OF PATIENT PROGRESS

Overview in graphical format

FreeO₂ monitors and records conventional cardio-respiratory parameters and other physiological parameters such as the respiratory rate. Continuous recording of these parameters offers access at the patient's bedside, to essential information for decision-making, assessing and evaluating any necessary changes in the respiratory support provided.



Access to 72 hours of patient treatment history



exercise endurance



ambulatory





Go green, visit our FreeO₂ information portal today

Just frame the QR code in your phone's camera or visit www.vygon.co.uk/freeO2



bedside



OUR COMMITMENT TO THE ENVIRONMENT

Vygon UK has been working towards creating a sustainable future for many years and we are a Carbon Neutral Company. We believe that sustainability isn't just about meeting current needs, but more importantly, it is about ensuring we are here for the long term and are paving the way for a bright tomorrow. We strive to deliver enhanced Corporate Social Responsibility (CSR), ensuring we manage the social, economic, and environmental effects of Vygon UK's operations responsibly in line with public expectations.



DISCOVER OUR JOURNEY
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REFERENCES

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- 2 I. Viodtzev, E LHer, C Yankoff, A Grangier, G Vottero, V Mayer, D Veale, F Maltais, F Lellouche, JL Pépin. Automatically adjusted oxygen flow rates to maintain stable oxygen saturations during exercise in O2 - dependent and hypercapnic COPD patients ERS 2017 meeting: Best abstracts in exercise capacity and testing in chronic lung disease September 4th 2016 from 14:45 to 16:45 in Room ICC Capital Suite 7.

TO VIEW THE FULL
PRODUCT RANGE &
OUR ORDERING CODES
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ORDERING INFORMATION

FreeO2

Vygon code	Description	Unit of sale
VAVFO2-110-00	FreeO2 Oxygen Therapy Machine	I

CLINICAL STUDIES

- O'Driscoll BR1, Howard LS, Davison AG; British Thoracic Society. BTS guideline for emergency oxygen use in adult patients.
- Hale KE, Gavin C, O'Driscoll BR. Audit of oxygen use in emergency ambulances and in a hospital emergency department. *Emergency medicine journal : EMJ*. 2008;25(11):773-776.
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03/2023 - DXJB0010005 V00496 v3

FOR FURTHER INFORMATION, PLEASE CONTACT: info@vygon.co.uk

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