

The therapeutic effectiveness of 15+ hours of oxygen therapy a day for the chronic hypoxemic patient has been shown to positively impact the survival rate and health related quality of life (HRQL).<sup>1</sup> In the NOTT study, it was shown that a higher number of hours of daily treatment resulted in prolonged survival, with 70% of the patients who received oxygen therapy for 19+ hours surviving for 5 years. In addition, oxygen therapy has been shown to increase capacity for activity (distance and endurance), decrease dyspnea, and improve HRQL.<sup>2</sup>

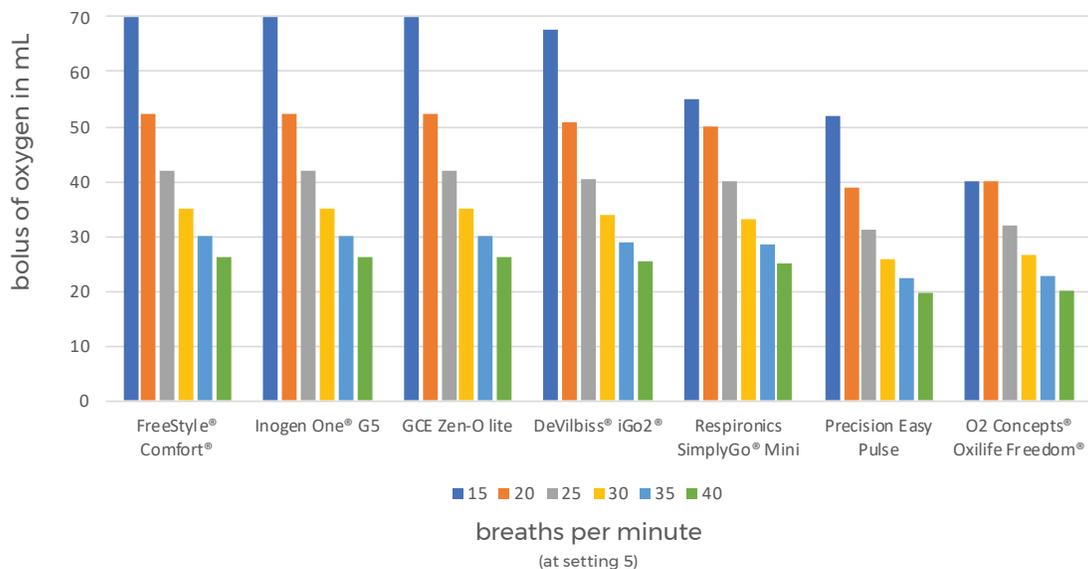
## Effective therapeutic oxygen delivery for your patient

The device delivering the oxygen therapy is just as important as the therapy itself. Pulse dose technology administers oxygen much more efficiently—and there is no “wasted” oxygen—compared to continuous flow. The volume, timing of delivery, and purity all contribute to effective oxygenation.

The FreeStyle Comfort is one of the most technologically-advanced portable pulse dose oxygen concentrators.

- Offers up to 1050 mL of oxygen per minute
- Supports consistent timing of delivery via **UltraSense®** breath detection technology
- Ensures there is no gap in treatment via **autoDOSE**
- Provides up to 95% O2 purity—helping to ensure effective oxygenation for your patient

The FreeStyle Comfort maximizes the delivery of oxygen no matter the breath rate.



Watch our smart O2 delivery videos at [FreeStyleComfort.com](http://FreeStyleComfort.com)

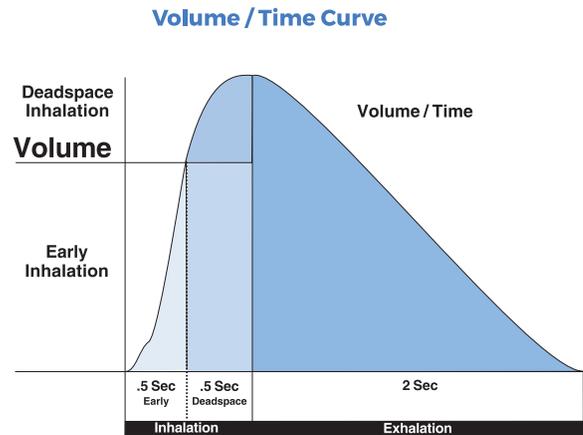
## UltraSense: Maximizing oxygen delivery

UltraSense is CAIRE's proprietary sensitive breath detection technology—ensuring patients receive oxygen when needed.

### Why is sensitivity important?

The first phase of a patient's inhalation known as the "golden third" of inhalation, is essential for the gaseous exchange in the alveoli. High sensitivity is key to proper oxygen delivery within that early phase of inhalation. A delay in oxygen delivery impedes oxygen absorption and gaseous exchange in the lungs, which can cause the patient to desaturate.<sup>3</sup>

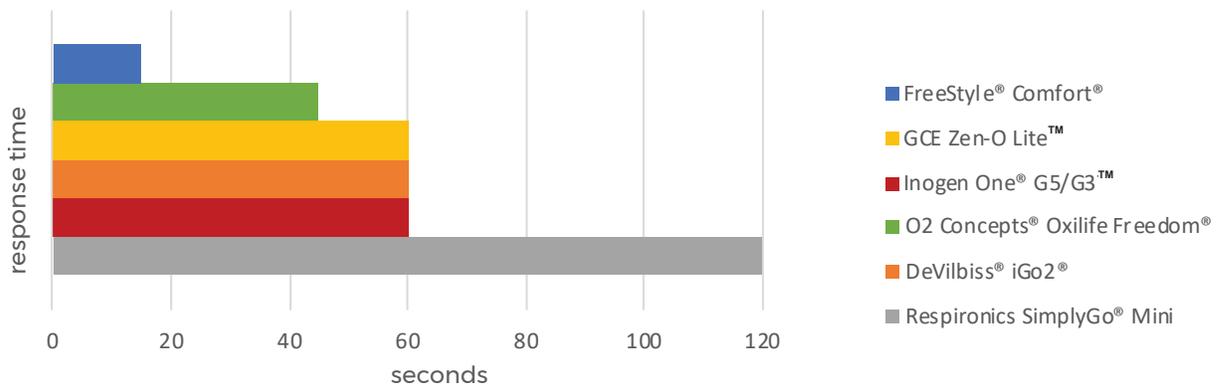
Patients may experience up to an 11% drop in SpO<sub>2</sub> with a Pulse Dose Oxygen Concentrator Device (PDOCD) due to inadequate triggering sensitivity settings.<sup>4</sup>



## autoDose: Ensuring consistent oxygen delivery

CAIRE's proprietary autoDose technology ensures there is never a gap in your patient's oxygen therapy. If there is no breath detected for 15 seconds, the autoDOSE feature will pulse oxygen at 20 breaths per minute until a breath is detected.

You can count on FreeStyle Comfort when every second matters.



1. Gold Initiative for Chronic Obstructive Lung Disease, 2021. [www.goldcopd.org](http://www.goldcopd.org)
2. Continuous or nocturnal oxygen therapy in hypoxemic chronic obstructive lung disease: a clinical trial. Nocturnal Oxygen Therapy Trial Group. Ann Intern Med. 1980 Sep; 93(3):391-8.
3. Effect of the Anatomic Reservoir on Low-Flow Oxygen Delivery Via Nasal Cannula: Constant Flow Versus Pulse Flow With Portable Oxygen Concentrator. Steven Zhou and Robert Chatburn. Respir Care 2014;59(8):1199-1209.
4. Nocturnal Oxygenation Using a Pulsed-Dose Oxygen-Conserving Device Compared to Continuous Flow. Chatburn R, Lewarski J and McCoy R. Respir Care 2006;51(3):252-256.

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Find out more about FreeStyle Comfort and accessory products at

[CAIREinc.com](http://CAIREinc.com).

SEE PRODUCT WARRANTY STATEMENT FOR COMPLETE INFORMATION. Please consult the applicable product instructions for use for product indications, contraindications, warnings, precautions, and detailed safety information.

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