Clinical Evidence

on XPO₂ Portable Oxygen Concentrator

Don’t wait any longer, offer your oxygen-dependent patients a more active and independent lifestyle!

invacare.eu

Truly portable
Ideal for active and travelling oxygen-dependent patients

Maximum independence
Compact and lightweight, encourages ambulatory patients to make the most of their independent lifestyle

Clinical efficient oxygen delivery
Sensi-Pulse constant minute-volume technology delivers only clinical beneficial oxygen at the beginning of inspiration, with comfortable bolus delivery and ensuring patients stay oxygenated

The perfect ambulatory partner
True portability, high clinical efficacy and a simple user interface gives patients confidence and freedom to travel, with the economic benefits of the non-delivery model

Proven track record
4-years proven track record with more than 50,000 patients treated worldwide

Making Life’s Experiences Possible

COUILLARD A, FORET D, BAREL P, BAJON D

oxygen therapy by a portable concentrator

with a demand valve: a randomized controlled study

of its effectiveness in patients with copd

Distance (m) during the 6MWT

- The portable oxygen concentrator (O₂-P) allowed sustained mobility and ambulation without increased dyspnea compared to O₂-L, with the independence of not relying on oxygen delivery.

- The decrease in SaO₂ during the 6MWT were identical for O₂-P and O₂-L, as demonstrated in previously published clinical literature.

- There was no statistically significant difference between SaO₂ at rest and after the 6MWT obtained while using O₂-P and O₂-L.

- Exercise capacity, dyspnea and SaO₂ at rest and during exercise in patients using this pulse-dose portable concentrator were similar to those using continuous-flow portable liquid oxygen device.

- "This study demonstrates that clinical efficacy of a pulse-dose portable concentrator (O₂-P) is identical to continuous-flow portable liquid oxygen device (O₂-L)."

- "Improvements in patients independence with XPO₂ pulse-dose portable concentrator are similar to those observed with continuous-flow portable liquid oxygen device, and could reduce the cost of oxygen therapy."

- "When patients carried the device on the shoulder, the portable oxygen concentrators was considered lighter and more practical, especially when compared with a fully loaded O₂-L device."

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