



Vivo 45LS Suggested Settings OHS (Adult)

Below are Vivo 45LS initial setup parameters for adult patients with obesity hypoventilation syndrome (OHS), as suggested by Dr. Nicholas S. Hill, MD.

	OHS (Adult)
PSV(TgV) + AE mode	
Min PS	8
Max PS	30
Breath Rate	12 cmH ₂ O
Min EPAP	8 cmH ₂ O (higher if severe OSA)
Max EPAP	20 cmH ₂ O
Pressure Limit	50 cmH ₂ O
Target Volume	6 to 8 ml/kg IBW
Below settings RT to set	
Minimum Inspiratory Time	1.0 seconds
Maximum Inspiratory Time	2.0 seconds
Back up Insp Time	1.5 seconds
Rise Time	Setting "5" or adjust to patient comfort 1 = Fast Flow 9 = Slow Flow
Inspiratory Trigger	Setting "2" or to patient comfort 1 = Most Sensitive 9 = Least Sensitive
Expiratory Trigger	Setting "5" or to patient comfort Smaller number = Shorter Ti Larger number = Longer Ti

Intended use: The Vivo 45LS ventilator (with or without the SpO₂ and CO₂ sensors) is intended to provide continuous or intermittent ventilatory support for the care of individuals who require mechanical ventilation. Specifically, the ventilator is applicable for pediatric through adult patients weighing more than 5 kg (11 lbs.), however, the mouthpiece ventilation modes are for adult patients only. The Vivo 45LS with the SpO₂ sensor is intended to measure functional oxygen saturation of arterial hemoglobin (%SpO₂) and pulse rate. The Vivo 45LS with the CO₂ sensor is intended to measure CO₂ in the inspiratory and expiratory gas. The device is intended to be used in home, institution, hospitals and portable applications such as wheelchairs and gurneys. It may be used for both invasive and non-invasive ventilation. The Vivo 45LS is not intended to be used as an emergency transport or critical care ventilator.

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