

VDR®-4 Quick Start Guide for Pediatric Patients

Pediatric Starting Guidelines

	Pediatrics < 10 kg	Pediatrics 10-20 kg	Pediatrics > 20 kg
Operating Pressure (psi)	40	40	40
Pulse Frequency Rate (cycles)	500	500	500
Convective Rate (bpm) *	30	20	15
I time (seconds)	1.0	1.5	2.0
E time (seconds)	1.0	1.5	2.0
Oscillatory CPAP/PEEP	6-8	6-10	8-10
Pulsatile Flow (AIP)	24-28	24-28	28-32
Demand CPAP/PEEP	off	off	off
Convective Pressure Rise	off	off	off

For basic CO₂ manipulation: Increase Pulsatile Flow in 2-4 cmH₂O increments up to 40-44 cmH₂O in pediatrics.

For basic oxygenation improvement: Increase PEEP in 2 cmH₂O increments up to 14-16 cmH₂O.

Increase FiO₂ appropriately.

* Breaths per minute (bpm)

NOTE: These are merely suggested guidelines based on clinical consensus.

ANATOMY OF THE VDR®-4 WAVEFORM

