VOCSN

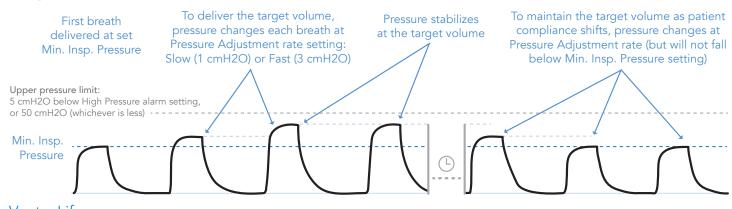# AVAPS™ and AVAPS-AE™ to VOCSN: Example Settings Conversions

Use the information on this page to aid in transitioning patient settings from AVAPS to VOCSN Volume Targeted therapy. VOCSN Volume Targeted therapy delivers a set Tidal Volume to the patient by adjusting the pressure control target. See the Breath Types and Ventilation Modes chapter of the VOCSN Clinical and Technical Manual (available at VentecLife.com/VOCSNmanual) for more information.

> **WARNING:** These conversion settings are an example only. To ensure patient safety, verify all settings are appropriate for the patient before providing therapy.

Trilogy AVAPS		→	VOCSN	
Mode	AVAPS	→	Mode	Vol. Targeted-PS
Tidal Volume	500	→	Tidal Volume	500
IPAP Max	25	→	High Inspiratory Pressure alarm (IPAP Max+5)	30
IPAP Min	8	→	Pres. Minimum (IPAP Min-EPAP)	4
EPAP	4	→	PEEP	4
BPM	15	→	Breath Rate (or Backup Rate)	15
Ti	1.0	→	Inspiratory Time	1.0
AVAPS Rate (cmH2O per min)	1 (Slow) to 5 (Fast)	→	Pres. Adj. Rate (cmH2O per breath)	Slow (1) or Fast (3)

Trilogy AVAPS-AE		→	VOCSN	
Mode	AVAPS-AE	→	Mode	Vol. Targeted-PS
Tidal Volume	500	→	Tidal Volume	500
Maximum Pressure	30	→	High Inspiratory Pressure alarm (EPAP+Pressure Support+5)	25
Pressure Support Max	15			
Pressure Support Min	8	→	Pres. Minimum (cmH2O above PEEP/EPAP)	8
EPAP Max Pres.	8	→	PEEP	5
EPAP Min Pres.	5			
BPM	15	→	Breath Rate (or Backup Rate)	15
Ti	1.0	→	Inspiratory Time	1.0
AVAPS Rate (cmH2O per min)	0.5 (Slow) to 5 (Fast)	→	Pres. Adj. Rate (cmH2O per breath)	Slow (1) or Fast (3)

VOCSN Volume Targeted Algorithm

First breath delivered at set Min. Insp. Pressure

To deliver the target volume, pressure changes each breath at Pressure Adjustment rate setting: Slow (1 cmH2O) or Fast (3 cmH2O)

Pressure stabilizes at the target volume

To maintain the target volume as patient compliance shifts, pressure changes at Pressure Adjustment rate (but will not fall below Min. Insp. Pressure setting)

Upper pressure limit:
5 cmH2O below High Pressure alarm setting, or 50 cmH2O (whichever is less)

Min. Insp. Pressure

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