



COPD QUICK REFERENCE GUIDE



Invasive and
Non-invasive



Easily
Transportable



Up to 9 hours of
battery life



Record, Trend
and Monitor

- Recommended settings
- Predicted body weight to tidal volume charts
- Flow cycle guide



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Example Preset 1: Non-Invasive Ventilation

Setting	Value
Mode	Vol. Targeted-PS
Patient Type	Adult
Humidification	HME or Humidifier
Circuit Type	Valveless
Breath Rate	12 BPM
Inspiratory Time	1.0 Seconds
Tidal Volume	7-8 mL/kg (IBW)
Pres. Adj. Rate	Slow
Pres. Minimum	8 cmH ₂ O (above set PEEP)
PEEP	5 cmH ₂ O
Flow Trigger	3.0 L/min
Flow Cycle ⁴	65%
Time Cycle	1.5 Seconds
Rise Time	2 or 3
Apnea Rate	10 Backup BPM
Alarms	(set Alarms according to your Protocol)
Inspiratory Pressure	(High) 35 cmH ₂ O

Example Preset 2: High Flow Therapy

Setting	Value
Mode	SIMV-Pressure
Patient Type	Adult
High Flow	ON
Flow ²	30 L/min
Alarms	(set Alarms according to your Protocol)
High Insp. Pressure	
Patient Circuit Discon.	
High Pressure Delay	

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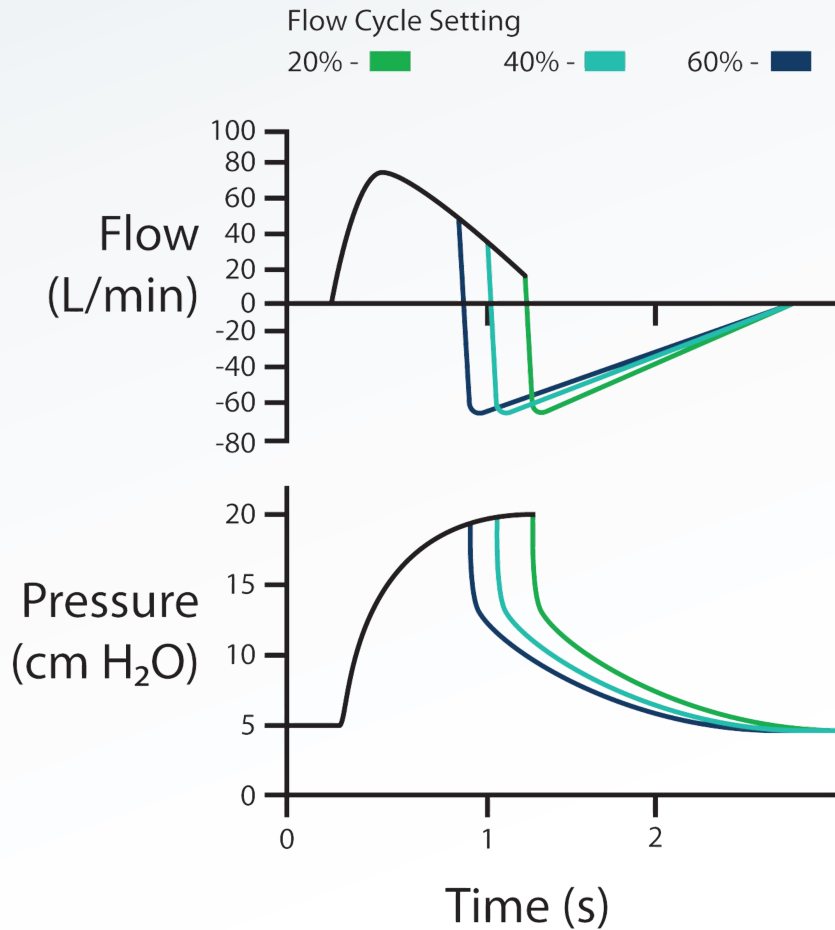
PREDICTED BODY WEIGHT (PBW) / TIDAL VOLUME⁵

MALES						
Height	PBW	4 ml/kg	5 ml/kg	6 ml/kg	7 ml/kg	8 ml/kg
4'10"	45.5	182	227	272	318	363
4'11"	47.7	191	239	286	334	382
5'0"	50	200	250	300	350	400
5'1"	52.3	209	262	314	366	418
5'2"	54.6	218	273	328	382	437
5'3"	56.9	228	285	341	398	455
5'4"	59.2	237	296	355	414	474
5'5"	61.5	246	308	369	431	492
5'6"	63.8	255	319	383	447	510
5'7"	66.1	264	331	397	463	529
5'8"	68.4	274	342	410	479	547
5'9"	70.7	283	354	424	495	566
5'10"	73	292	365	438	511	584
5'11"	75.3	301	377	452	527	602
6'0"	77.6	310	388	466	543	621
6'1"	79.9	320	400	479	559	639
6'2"	82.2	329	411	493	575	658
6'3"	84.5	338	423	507	592	676
6'4"	86.8	347	434	521	608	694
6'5"	89.1	356	446	535	624	713
6'6"	91.4	366	457	548	640	731

FEMALES						
Height	PBW	4 ml/kg	5 ml/kg	6 ml/kg	7 ml/kg	8 ml/kg
4'7"	34	136	170	204	238	272
4'8"	36.3	145	182	218	254	290
4'9"	38.6	154	193	232	270	309
4'10"	40.9	164	205	245	286	327
4'11"	43.2	173	216	259	302	346
5'0"	45.5	182	228	273	319	364
5'1"	47.8	191	239	287	335	382
5'2"	50.1	200	251	301	351	401
5'3"	52.4	210	262	314	367	419
5'4"	54.7	219	274	328	383	438
5'5"	57	228	285	342	399	456
5'6"	59.3	237	297	356	415	474
5'7"	61.6	246	308	370	431	493
5'8"	63.9	256	320	383	447	511
5'9"	66.2	265	331	397	463	530
5'10"	68.5	274	343	411	480	548
5'11"	70.8	283	354	425	496	566
6'0"	73.1	292	366	439	512	585
6'1"	75.4	302	377	452	528	603
6'2"	77.7	311	389	466	544	622
6'3"	80	320	400	480	560	640

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Flow Cycle Guide^{1,3}



*As evidenced by this rendering, the higher the flow cycle percentage is set to, the shorter the inspiratory phase.

1 - The settings referenced in this guide are suggestions and do not replace physician orders; please consult with patient physician to make sure that all settings are appropriate for the patient.

2 - Adjust flow to achieve target SpO₂ and/or CO₂ targets.

3 - Adjust to patient comfort.

4 - See Flow Cycle Guide (pg. 4).

5 - http://www.ardsnet.org/files/pbwtables_2005-02-02.pdf

Note: This Quick Reference Guide contains limited information. Please refer to the VOCSN Clinical & Technical Manual for detailed use guidance.