



REACTHEALTH

# V+Pro

## 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



# COPD QUICK REFERENCE GUIDE<sup>1, 3</sup>

## 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 <sub>2</sub> O (above set PEEP)   |
| PEEP                    | 5 cmH <sub>2</sub> O                    |
| Flow Trigger            | 3.0 L/min                               |
| Flow Cycle <sup>4</sup> | 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 <sub>2</sub> O            |

## Example Preset 2: High Flow Therapy

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

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 SpO<sub>2</sub> and/or CO<sub>2</sub> targets.

3 - Adjust to patient comfort.

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



# COPD QUICK REFERENCE GUIDE

## PREDICTED BODY WEIGHT (PBW) / TIDAL VOLUME<sup>5</sup>

| 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     | 547     | 548     | 640     | 731     |

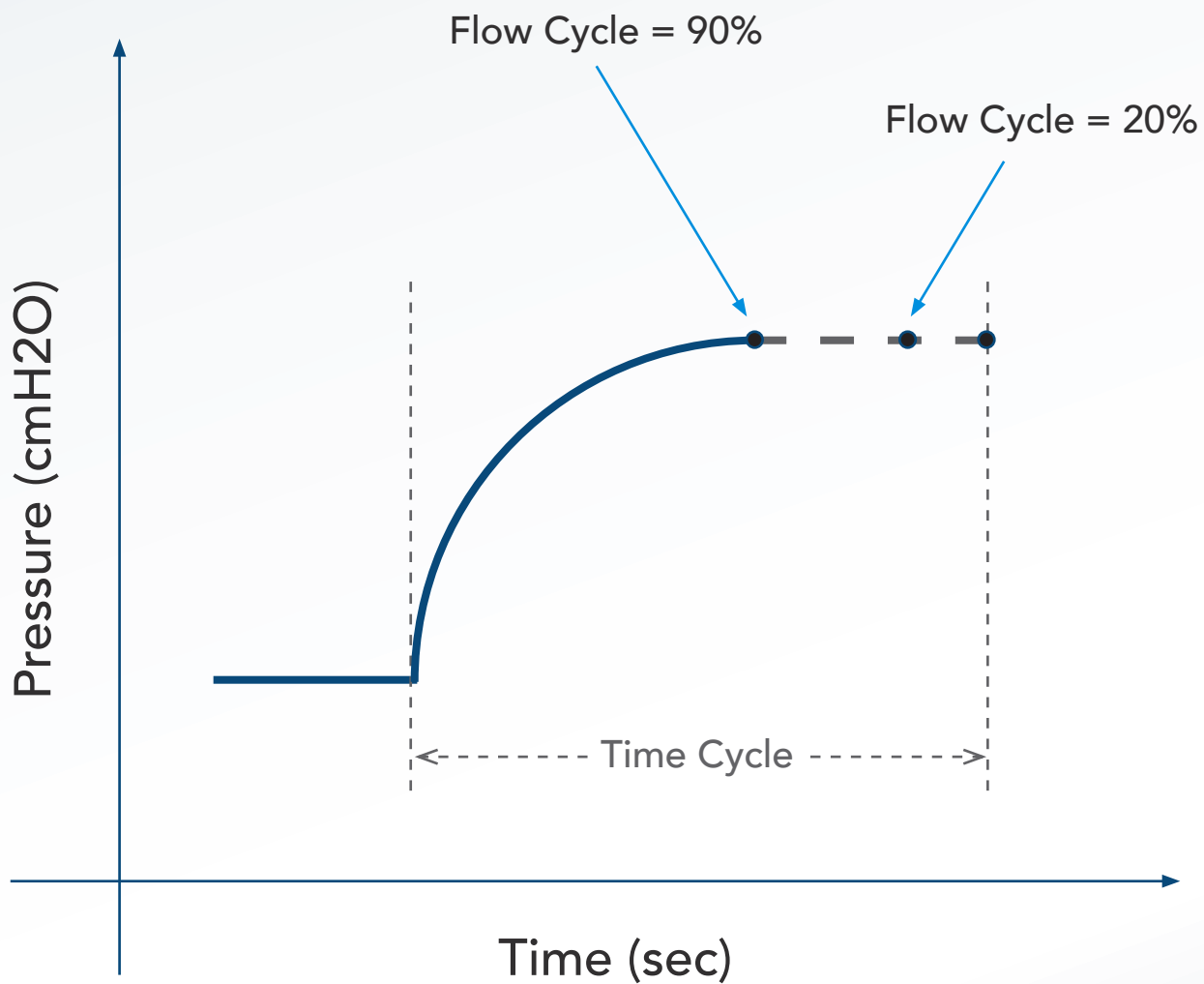
| FEMALES |      |         |         |         |         |         |
|---------|------|---------|---------|---------|---------|---------|
| Height  | PBW  | 4 ml/kg | 5 ml/kg | 6 ml/kg | 7 ml/kg | 8 ml/kg |
| 4'7"    | 34   | 136     | 170     | 204     | 238     | 272     |
| 4'8"    | 36.3 | 145     | 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     |

5 - [http://www.ardsnet.org/files/pbwtables\\_2005-02-02.pdf](http://www.ardsnet.org/files/pbwtables_2005-02-02.pdf)



# COPD QUICK REFERENCE GUIDE

## Flow Cycle Guide<sup>1,3</sup>



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