

Operating the Life Pulse HFV in Tandem with the Servo-i

With background IMV:

1. Use the SIMV Pressure Control/Pressure Support mode
2. Select desired Set PIP setting above PEEP and PEEP settings
3. Dial out the pressure support (i.e., set to 0)
4. Set the SIMV rate low (< 5 br/min will cause the apnea alarm to be activated)
5. Set Apnea alarm to maximum time delay
6. Adjust sensitivity to – 4 or –5 to avoid auto cycling
7. Set Inspiratory Cycle to 0
8. Set Volume Compensation to Off
9. Set the T Inspiratory Rise to 10% to avoid pressure overshoot
10. Set Inspiratory Time appropriate to promote alveolar recruitment (sigh breath)

With very small background IMV: This is basically the same as CPAP

1. Use the SIMV Pressure Control/Pressure Support mode
2. Select Set PIP setting above PEEP that is 2 –3 cm H₂O higher than PEEP and the PEEP settings
3. Dial out the pressure support (i.e., set to 0)
4. Set the CMV rate \geq 5 br/min to keep the apnea alarm from being activated
5. Set Apnea alarm to maximum time delay
6. Adjust sensitivity to – 4 or –5 to avoid auto cycling
7. Set Inspiratory Cycle to 0
8. Set Volume Compensation to Off
9. Set the T Inspiratory Rise to 10% to avoid pressure overshoot
10. Set a short Inspiratory Time (0.2 – 0.3) to minimize the tidal volume being delivered