

Operating the Life Pulse HFV in Tandem with the Servo 300

With background IMV:

1. Use the SIMV Pressure Control/Pressure Support mode
2. Select desired Set PIP setting above PEEP and select the PEEP settings
3. Dial out the pressure support (i.e., set to 0)
4. Set the SIMV & CMV rates low (< 5 br/min will cause the apnea alarm to be activated)
5. Adjust sensitivity to – 4 or –5 to avoid auto cycling
6. Select the Pediatric or Adult mode avoid high minute ventilation alarms
7. Set the Rise Time to 10% to avoid pressure overshoot
8. Set Automode to the Off position
9. 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 at a low setting (3-5 cm H₂O) and select the PEEP settings
3. Dial out the pressure support (i.e., set to 0)
4. Set the SIMV & CMV rate ≥ 5 br/min to keep the apnea alarm from being activated
5. Adjust sensitivity to – 4 or –5 to avoid auto cycling
6. Select the Pediatric or Adult mode avoid high minute ventilation alarms
7. Set the Rise Time to 10% to avoid pressure overshoot
8. Set Automode to the Off position
9. Set a short Inspiratory Time (0.2 – 0.3) to minimize the tidal volume being delivered