

Life Pulse HFV with the Viasys Avea ventilator

1. Place Avea ventilator in pediatric mode, because of maximal alarm parameters in neonatal mode, may need to select adult mode if patient requires high flows.
2. Mode selection: Pressure SIMV
 - a. Pressure Support set at 0.
 - b. Flow and pressure trigger set at significantly high threshold to prevent autocycling.
3. Do not place ventilator in Pressure support / CPAP mode, apnea ventilation will be initiated, when spontaneous breath is not triggered. If CPAP is desired, use a low IMV rate with a very small delta pressure, so the apnea alarm will not be activated.
4. Monitor exhaled minute and tidal volumes, and respiratory rate, to set appropriate alarm limits.