

Ventilator Modes

For all modes:

Set PEEP, FiO₂, and alarms

Monitor RR & minute ventilation (RR x TV)

Assess ABGs, alarms, & work of breathing



ASSISTED

Full ventilatory support

Patient is able to breath over set RR

Volume Control (VC)

✗ Used: Post RSI & low GCS patients

✗ Set RR & tidal volume (TV)

✗ Monitor RR over set rate & PIP/plat pressures

Pressure Control (PC)

✗ Used: Decreased lung compliance

✗ Set RR & pressure

✗ Monitor RR over set rate & TV

SPONTANEOUS

Patient must have spontaneous breathing

Pressure Support (PSV)

✗ Weaning mode

✗ Set pressure boost & apnea alarm/rate

✗ Monitor RR & TV

HYBRID

Patient can breathe over set RR

Spontaneous breaths are provided pressure support

Synchronized Intermittent Mandatory Ventilation (SIMV) + PSV

✗ Weaning mode

✗ Set RR, TV, & pressure boost

✗ Monitor RR over set rate & PIP/plat pressures