

VENTILATOR ABBREVIATIONS

Shown Measured Values

Default variables in boldface:

P_{peak}	Maximum inspiratory pressure
P_{plat}	Pressure during end-inspiratory pause
P_{mean}	Mean airway pressure
$PEEP_{tot}$	Intrinsic positive end expiratory pressure
$PEEP$	Total positive end expiratory pressure
RR	Respiratory Rate
V_{ee}	End expiratory flow
$I:E$	Inspiration to expiration ration (only during controlled ventilation)
T_i	Inspiration time
T_i/T_{tot}	Duty cycle or ration of inspiration time to total breathing cycle time (only during spontaneous breathing) and Bi-Vent ventilation.
O_2	Oxygen concentration in vol. %
MV_i	Inspiratory Minute Volume
MV_e	Expiratory Minute Volume
VT_i	Inspiratory Tidal Volume
VT_e	Expiratory Tidal Volume
C_{static}	Static compliance, respiratory system
E	Elastance
C_{dyn}	Dynamic characteristics
R_i	Inspiratory resistance
R_e	Expiratory resistance
WOB_p	Work of breathing, patient
WOB_v	Work of breathing, ventilator
T_c	Time constant
SBI	Shallow Breathing Index
$EtCO_2$	End tidal carbon dioxide concentration (X CO ₂ Analyzer)
VCO_2	Volume of expired CO ₂ per minute. (X CO ₂ Analyzer)
VT_{CO_2}	CO ₂ tidal elimination. (X CO ₂ Analyzer)
MVe_{sp}	Spontaneous expiratory minute volume (X Bi-Vent)
MVe_{sp} / MVe	The relation between spontaneous expired minute volume and total expired minute volume (only applicable in X Bi-Vent)