

Commonly Used Symbols and Abbreviations in *Veterinary Anaesthesia and Analgesia*

General Style

Units (with some examples)

- Blood pressure: mmHg
- Airway pressure: cmH₂O
- Otherwise SI units, except for blood gas and vapour pressure values where both mmHg and kPA should be provided.
- Drug dosages: mg kg⁻¹, mg kg⁻¹ hour⁻¹
- Concentration: µg mL⁻¹, L kg⁻¹
- Flow: L minute⁻¹
- Abbreviations should be defined first in the Abstract and then again in the manuscript as in the following examples:
 - Intravenous (IV)
 - Intramuscular (IM)

Numbering

Use numerals for numbers greater than 10 and words for numbers less than 10.

Exceptions:

- Use numerals for things that are measured (5 weeks, 5 minutes)
- Use words for things that are not measured (five cats, five cells)
- Try to avoid numerals at the beginning of the sentence
- Always write ordinal numbers in full (fourth not 4th year)
- Use % (50% of cats not 50 percent)

Abbreviations/Acronyms

(Please feel free to copy/paste directly into the manuscript)

CBC	complete blood count
CI	cardiac index, CI can be either kg ⁻¹ or m ²
CO	cardiac output – can also use \dot{Q} or \dot{Q}_t
C _{dyn}	dynamic compliance
C _{st}	static compliance
C _{RS}	compliance respiratory system, RS caps and subscript
DO ₂	oxygen delivery, D no dot
HR	heart rate units are beats minute ⁻¹
PR	pulse rate – if measured off the pressure trace, counted from pulse oximeter or peripheral pulse
ECG	electrocardiogram

EEG	electroencephalogram
$F_{E'}\text{Iso}$	End-tidal isoflurane in % (the E is a small cap not a subscript)
$F_{E'}\text{Sevo}$	End-tidal sevoflurane in % (E is a small cap)
$F_{I\text{Iso}}$	Inspired isoflurane %
$F_{I\text{Sevo}}$	Inspired sevoflurane %
$F_{I\text{O}_2}$	Inspired oxygen fraction or %
f_{R}	respiratory rate/frequency, <i>f</i> italic and R subscript, units are breaths minute ⁻¹
Fr	French size of catheter or endotracheal tube
sAP	systemic arterial pressures
pAP	pulmonary arterial pressures
SAP	systolic arterial pressure
SPAP	systolic pulmonary arterial pressure
DAP	diastolic arterial pressure
DPAP	diastolic pulmonary arterial pressure
MAP	mean arterial pressure
MPAP	mean pulmonary arterial pressure
SVR	systemic vascular resistance (add an I for index)
PVR	pulmonary vascular resistance
PAOP	pulmonary artery occlusion pressure (not PCWP)
PCOP	pulmonary capillary occlusion pressure
PaCO_2	arterial partial pressure of carbon dioxide
PvCO_2	venous partial pressure of carbon dioxide
$\text{P}_{E'}\text{CO}_2$	end-tidal carbon dioxide (E is small cap, not subscript)
PaO_2	arterial partial pressure of oxygen
PvO_2	venous partial pressure of oxygen
$\text{P}\bar{\text{v}}\text{CO}_2$	mixed venous partial pressure of carbon dioxide.
$\text{P}\bar{\text{v}}\text{O}_2$	mixed venous partial pressure of oxygen. <i>The v in both these instances should have a bar over it</i>
$\text{P}_{E'}\text{CO}_2$	end-tidal carbon dioxide. <i>The E here should be a small cap and have a prime symbol after it. A prime is a smaller superscripted solidus [on my MAC is shift-option-E]. Preceded by F (fractional concentration) or P (tensions or partial pressures).</i>
P_{plat}	plateau pressure, P italic, plat subscript
R_{AW}	Airway resistance, R italic, AW subscript
Q_{t}	cardiac output. <i>The Q should have a dot over the centre, italic, t subscript</i>
SB	Spontaneous breathing
SV	stroke volume
SVI	stroke volume must be indexed to body weight kg, not to BSA
T	temperature
$V_{\text{D}}/V_{\text{T}}$	no dots
V_{T}	tidal volume, no dot
V_{E}	Minute ventilation – <i>The V should have a dot over the center</i>
V_{Talv}	alveolar tidal volume, V no dot, Talv subscript
VO_2	Oxygen consumption (Dot over the V)
V/Q	dots over both V and Q