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)

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBC</td>
<td>complete blood count</td>
</tr>
<tr>
<td>CI</td>
<td>cardiac index, CI can be either kg⁻¹ or m²</td>
</tr>
<tr>
<td>CO</td>
<td>cardiac output – can also use Ÿ or Ṙt</td>
</tr>
<tr>
<td>C_dyn</td>
<td>dynamic compliance</td>
</tr>
<tr>
<td>C_st</td>
<td>static compliance</td>
</tr>
<tr>
<td>C_RS</td>
<td>compliance respiratory system, RS caps and subscript</td>
</tr>
<tr>
<td>DO₂</td>
<td>oxygen delivery, D no dot</td>
</tr>
<tr>
<td>HR</td>
<td>heart rate units are beats minute⁻¹</td>
</tr>
<tr>
<td>PR</td>
<td>pulse rate – if measured off the pressure trace, counted from pulse oximeter or peripheral pulse</td>
</tr>
<tr>
<td>ECG</td>
<td>electrocardiogram</td>
</tr>
</tbody>
</table>


EEG  electroencephalogram

FeIso  End-tidal isoflurane in % (the E is a small cap not a subscript)

Fe’Seko  End-tidal sevoflurane in % (E is a small cap)

FIIso  Inspired isoflurane %

FISevo  Inspired sevoflurane %

FIo2  Inspired oxygen fraction or %

fR  respiratory rate/frequency, f 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

PaCO2  arterial partial pressure of carbon dioxide

PvCO2  venous partial pressure of carbon dioxide

Pe´CO2  end-tidal carbon dioxide (E is small cap, not subscript)

PaO2  arterial partial pressure of oxygen

PvO2  venous partial pressure of oxygen

PvCO2  mixed venous partial pressure of carbon dioxide.

PvO2  mixed venous partial pressure of oxygen. The v in both these instances should have a bar over it

Pe’CO2  end-tidal carbon dioxide. 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).

Pplat  plateau pressure, P italic, plat subscript

R_{AW}  Airway resistance, R italic, AW subscript

Qt  cardiac output. The Q should have a dot over the centre, italic, t subscript

SB  Spontaneous breathing

SV  stroke volume

SVI  stroke volume must be indexed to body weight kg, not to BSA

T  temperature

V_{D/V_T}  no dots

V_T  tidal volume, no dot

V_E  Minute ventilation – The V should have a dot over the center

V_{Talv}  alveolar tidal volume, V no dot, Talv subscript

VO2  Oxygen consumption (Dot over the V)

V/Q  dots over both V and Q