

# Evaluation of coagulation by thromboelastography and a velocity curve in dogs with parvoviral enteritis

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## Electronic Supplementary Material (ESM)

Table S1. Haematological findings in control dogs and dogs with CPE

Table S2. Serum biochemistry and cTnI results in control dogs and dogs with CPE

Table S1. Haematological findings in control dogs and dogs with CPE

| Variable                   | Control ( <i>n</i> = 5) |               | CPE ( <i>n</i> = 21) |               | <i>P</i> -value |
|----------------------------|-------------------------|---------------|----------------------|---------------|-----------------|
|                            | median                  | IQR           | median               | IQR           |                 |
| WBC ( $\times 10^9/l$ )    | 12.97 <sup>A</sup>      | 11.16–21.69   | 3.49 <sup>B</sup>    | 2.48–5.61     | 0.000**         |
| LYM ( $\times 10^9/l$ )    | 3.26 <sup>A</sup>       | 2.55–3.78     | 0.97 <sup>B</sup>    | 0.65–1.27     | 0.000**         |
| MONO ( $\times 10^9/l$ )   | 0.54 <sup>A</sup>       | 0.30–0.60     | 0.18 <sup>B</sup>    | 0.12–0.29     | 0.008**         |
| NEUT ( $\times 10^9/l$ )   | 8.71 <sup>A</sup>       | 7.31–17.34    | 2.01 <sup>B</sup>    | 1.30–4.11     | 0.001**         |
| EOS ( $\times 10^9/l$ )    | 0.29 <sup>A</sup>       | 0.25–0.54     | 0.06 <sup>B</sup>    | 0.04–0.09     | 0.001**         |
| BASO ( $\times 10^9/l$ )   | 0.11 <sup>A</sup>       | 0.09–0.13     | 0.02 <sup>B</sup>    | 0.01–0.04     | 0.000**         |
| RBC ( $\times 10^{12}/l$ ) | 5.62 <sup>B</sup>       | 5.05–6.06     | 6.82 <sup>A</sup>    | 5.91–7.40     | 0.006**         |
| HGB (g/l)                  | 11.50                   | 9.80–13.05    | 13.60                | 12.30–14.45   | 0.067           |
| HCT (%)                    | 36.17 <sup>b</sup>      | 30.27–40.27   | 41.53 <sup>a</sup>   | 39.35–45.64   | 0.049*          |
| MCV (fL)                   | 62.00                   | 60.00–67.50   | 61.00                | 58.00–66.00   | 0.409           |
| MCH (%)                    | 19.70                   | 19.40–21.90   | 19.20                | 18.65–20.70   | 0.157           |
| MCHC (g/l)                 | 32.00                   | 31.75–32.80   | 32.30                | 30.65–32.75   | 0.613           |
| RDWC (%)                   | 16.00 <sup>b</sup>      | 15.40–16.25   | 17.10 <sup>a</sup>   | 16.05–18.15   | 0.028*          |
| PLT ( $\times 10^9/l$ )    | 230.00                  | 210.50–331.00 | 306.00               | 235.50–430.00 | 0.224           |
| PCT (%)                    | 0.22                    | 0.19–0.30     | 0.26                 | 0.20–0.36     | 0.569           |
| MPV (fL)                   | 9.60                    | 8.70–47.40    | 8.55                 | 7.53–9.63     | 0.169           |
| PDWC (%)                   | 41.00                   | 38.55–42.95   | 39.80                | 35.80–42.15   | 0.278           |

\**P* < 0.05 (<sup>a,b</sup>); \*\**P* < 0.01 (<sup>A,B</sup>)

BASO = basophils; EOS = eosinophils; HCT = haematocrit; HGB = haemoglobin; IQR = interquartile range (25<sup>th</sup>–75<sup>th</sup> percentiles); MCH = mean corpuscular haemoglobin; MCHC = mean corpuscular haemoglobin concentration; MCV = mean corpusculum volume; MONO = monocytes; MPV = mean platelet volume; NEUT = neutrophils; PCT = plateletcrit; PDWC = platelet distribution width; PLT = platelet; RBC = erythrocytes; RDWC = red cell distribution width; WBC = white blood cell count

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Table S2. Serum biochemistry and cTnI results in control dogs and dogs with CPE

| Variable      | Control ( <i>n</i> = 5) |               | CPE ( <i>n</i> = 21) |               | <i>P</i> -value |
|---------------|-------------------------|---------------|----------------------|---------------|-----------------|
|               | median                  | IQR           | median               | IQR           |                 |
| ALB (g/l)     | 3.40                    | 2.48–3.65     | 2.90                 | 2.55–3.10     | 0.154           |
| ALP (U/l)     | 117.00                  | 53.50–152.00  | 145.00               | 115.00–210.00 | 0.231           |
| ALT (U/l)     | 24.00                   | 22.30–54.30   | 38.00                | 22.00–56.50   | 0.642           |
| AMY (U/l)     | 482.00                  | 298.30–574.30 | 517.00               | 370.50–720.50 | 0.642           |
| TBIL (μmol/l) | 0.20 <sup>B</sup>       | 0.20–0.20     | 0.30 <sup>A</sup>    | 0.30–0.40     | 0.004**         |
| BUN (mmol/l)  | 14.00                   | 6.00–22.00    | 12.00                | 9.50–18.50    | 0.858           |
| CA (mmol/l)   | 10.55                   | 8.25–11.50    | 10.30                | 10.00–10.70   | 0.642           |
| PHOS (mmol/l) | 6.50                    | 4.03–10.17    | 8.00                 | 7.43–9.53     | 0.183           |
| CREA (μmol/l) | 0.60                    | 0.35–0.78     | 0.60                 | 0.30–0.70     | 0.748           |
| GLU (mmol/l)  | 92.00                   | 81.50–113.75  | 121.00               | 95.50–143.50  | 0.203           |
| NA (mmol/l)   | 135.00                  | 131.00–139.00 | 132.00               | 130.50–134.50 | 0.295           |
| K (mmol/l)    | 5.00 <sup>a</sup>       | 4.93–5.68     | 4.50 <sup>b</sup>    | 4.05–4.65     | 0.011*          |
| TP (g/l)      | 5.20                    | 4.35–6.50     | 5.10                 | 4.55–5.80     | 0.971           |
| GLOB (g/l)    | 1.90                    | 1.65–3.05     | 2.50                 | 2.00–2.70     | 0.369           |
| cTnI (ng/l)   | 0.07                    | 0.07–0.12     | 0.01                 | 0.00–0.08     | 0.167           |

\* $P < 0.05$  (<sup>a,b</sup>); \*\* $P < 0.01$  (<sup>A,B</sup>)

ALB = albumin; ALP = alkaline phosphatase; ALT = alanine transaminase; AMY = amylase; BUN = blood urea nitrogen; CA = calcium; CREA = creatinine; cTnI = cardiac troponin I; GLOB = globulin; GLU = glucose; IQR = interquartile range (25<sup>th</sup>–75<sup>th</sup> percentiles); K = potassium; NA = sodium; PHOS = phosphate; TBIL = total bilirubin; TP = total protein