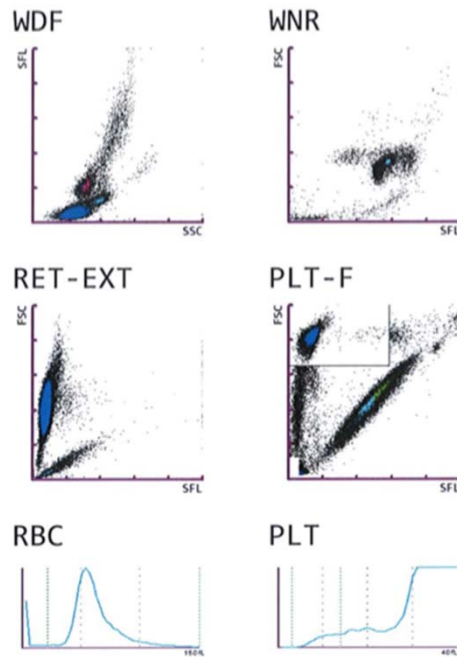# Poupette

- 6-year-old spayed female, Domestic shorthear
- Weakness, slight tachypnea for several weeks.

- Clinical examination : a gallop rhythm , a 3/6 grade left apex systolic murmur, pale mucous membranes and a tachypnea.
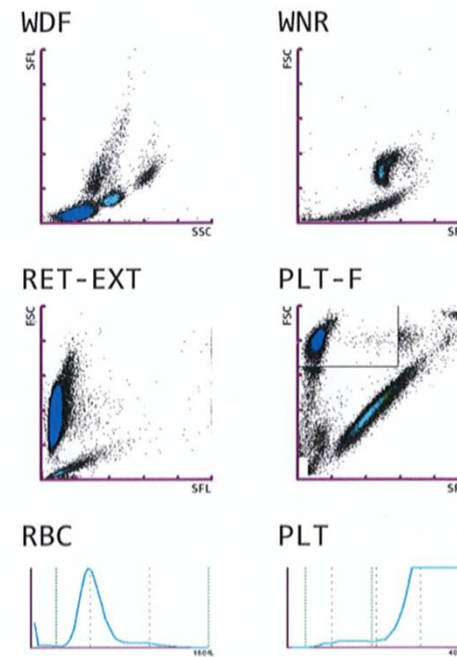
CBC

Poupette

Healthy cat

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WBC       4.98    [10^3/uL]
RBC       4.86 -  [10^6/uL]
HGB       7.4  -  [g/dL]
HCT       23.2 -  [%]
MCV       47.7    [fL]
MCH       15.2    [pg]
MCHC      31.9 -  [g/dL]
PLT &F    225 *   [10^3/uL]
RDW-SD    39.3    [fL]
RDW-CV    20.3    [%]
PDW       ----    [fL]
MPV       10.6 *  [fL]
P-LCR     32.3 *  [%]
PCT       0.05 *  [%]
NRBC      0.32    [10^3/uL]      6.4    [%]
NEUT      1.67 *  [10^3/uL]     33.5 *  [%]
LYMPH     1.91 *  [10^3/uL]     38.4 *  [%]
MONO      1.28 *  [10^3/uL]     25.7 *  [%]
EO        0.08 *  [10^3/uL]      1.6 *  [%]
BASO      0.04    [10^3/uL]      0.8    [%]

RET       0.30    [%]        0.0146  [10^6/uL]
IRF       11.1    [%]
LFR       88.9    [%]
MFR       7.4     [%]
HFR       3.7     [%]
RET-He    17.2    [pg]
IPF       42.8 *  [%]

WBC-BF            [10^3/uL]
RBC-BF            [10^6/uL]
MN                [10^3/uL]           [%]
PMN               [10^3/uL]           [%]
TC-BF#            [10^3/uL]

WBC IP Message              RBC IP Message
WBC Abn Scattergram         Hypochromia
Monocytosis                 Anemia

PLT-I     43 *   [10^3/uL]

PLT-O     245 *  [10^3/uL]

PLT-F     225 *  [10^3/uL]

WBC-D     5.03 * [10^3/uL]

RBC-He    16.3   [pg]
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Analyte	SPA-F group	n	Normality, P	Median and range	Mean	2.5th percentile (90% CI)	97.5th percentile (90% CI)	Previously reported RIs ADVIA 120[1] 2.5th–97.5th percentiles
WBC ($\times 10^9$/l)*	NLA + HA	80[a]	0.082	8.7 3.8–17.2	9.1	4.0 (3.8; 4.6)	15.2 (14.0; 17.2)	7.73–18.6
Neutrophils ($\times 10^9$/l)*	NLA + HA	80[†]	0.000	3.2 1.5–10.8	3.7	1.7 (1.5; 1.8)	8.8 (7.5; 10.8)	3.14–12.52
Lymphocytes ($\times 10^9$/l)*	NLA + HA	80[†]	0.019	4.3 1.2–10.4	4.4	1.2 (1.2; 1.5)	10.2 (8.1; 10.4)	1.31–7.46
Monocytes ($\times 10^9$/l)*	NLA + HA	79[b,†]	0.024	0.3 0.1–0.7	0.3	0.1 (0.1; 0.1)	0.6 (0.5; 0.7)	0.13–1.08
Eosinophils ($\times 10^9$/l)*	NLA + HA	76[c,d,e,f,†]	0.007	0.5 0.1–1.2	0.6	0.1 (0.1; 0.3)	1.2 (1.0; 1.2)	0.06–2.21
RBC-I ($\times 10^{12}$/l)*	NLA + HA	81	0.035	9.7 6.5–11.5	9.6	6.7 (6.5; 7.7)	11.2 (11.1; 11.5)	–
RBC-O ($\times 10^{12}$/l)	NLA + HA	81	0.021	9.4 6.3–11.2	9.2	6.6 (6.3; 7.4)	10.8 (10.5; 11.2)	5.92–11.16
HGB (g/l)	NLA	40	0.356	136.3 99.0–166.0	133.9	99.1 (99.0; 113.0)	165.9 (158.4; 166.0)	8.17–15.26
HTE (l/l)	NLA + HA	81	0.511	0.39 0.29–0.52	0.39	0.29 (0.29; 0.33)	0.51 (0.47; 0.52)	0.24–0.46
MCV (fl)	NLA + HA	81	0.609	41.1 34.3–53.2	41.3	34.4 (34.3; 35.3)	49.3 (47.5; 53.2)	36.96–54.98
MCH (pg)	NLA + HA	81	0.176	14.6 12.3–17.2	14.5	12.3 (12.3; 12.7)	16.4 (16.1; 17.2)	11.28–17.24
MCHC (g/dl)	NLA + HA	81	0.873	35.7 30.8–39.5	35.7	32.5 (30.8; 33.2)	39.2 (38.5; 39.5)	26.24–35.91
RDW-CV (%)	NLA + HA	81	0.129	24.0 19.6–33.0	24.1	19.7 (19.6; 21.0)	29.3 (27.7; 33.0)	13.81–21.11
RDW-SD (fl)	NLA + HA	81	0.000	28.0 24.8–48.1	28.6	24.9 (24.7; 25.8)	40.6 (34.0; 48.1)	–
RET ($\times 10^9$/l)	NLA + HA	80[g]	0.000	45.8 10.3–107.8	49.7	19.1 (10.3; 24.9)	107.1 (90.3; 107.8)	3.66–94.06
RET (%)	NLA + HA	80[h]	0.000	0.5 0.1–1.3	0.5	0.2 (0.1; 0.3)	1.1 (1.0; 1.3)	0.05–1.17
IRF (%)	NLA	40	0.037	6.8 0.7–18.8	8.0	0.7 (0.7; 1.5)	18.7 (16.7; 18.8)	–
LFR (%)	NLA	40	0.037	93.2 81.3–99.3	92.0	81.3 (81.3; 83.6)	99.3 (98.5; 99.3)	–
MFR (%)	NLA	40	0.081	5.6 0.0–13.9	6.1	0.0 (0.0; 1.5)	13.8 (12.6; 13.9)	–
HFR (%)	NLA + HA	81	0.030	2.2 0.0–7.6	2.3	0.0 (0.0; 0.3)	5.9 (5.0; 7.6)	–
PLT-O ($\times 10^9$/l)	NLA	40	0.358	286 86–615	281	87 (86; 154)	610 (437; 615)	41.92–629.85
PLT-I ($\times 10^9$/l)	NLA	40	0.233	180 33–520	189	33 (33; 76)	516 (345; 520)	–