

End point	Unit	Day -2	Day -1	Reference
RBC	$\times 10^{12}/L$	3.5	5.71	5.65-8.87
HGB	g/dL	11.1	14.5	13.1-20.5
HCT	%	22.7	40.2	37.3-61.7
MCV	fL	64.9	70.4	61.6-73.5
MCH	pg	31.7	25.4	21.2-25.9
MCHC	g/dL	48.9	36.1	32.0-37.9
RDW	%	15.1	15.3	13.6-21.7
Reticulocyte	%	0.5	0.6	
Reticulocyte count	K/ μ L	18.9	31.4	10.0-110.0
WBC	$\times 10^9/L$	14.44	14.95	5.05-16.76
Neutrophil	%	86.2	81.9	
Eosinophils	%	1.2	2.7	
Basophils	%	0.2	0.7	
Lymphocyte	%	7.5	11.0	
Monocytes	%	4.9	3.7	
Neutrophils	$\times 10^9/L$	12.45	12.25	
Eosinophils	$\times 10^9/L$	0.17	0.4	0.06-1.23
Basophils	$\times 10^9/L$	0.03	0.11	0-0.1
Lymphocytes	$\times 10^9/L$	1.08	1.64	
Monocytes	$\times 10^9/L$	0.71	0.55	
PLT	K/ μ L	80	271	148-484

Results of a Complete Blood Count (CBC) of a dog prior to referral (referral = Day 0). The test was performed and reference values were provided by Catalyst One and ProCyte Dx machines.
Table S1.

	Units	Day -2	Day -1	Reference
Sodium	mmol/L	156	151	144-160
Potassium	mmol/L	3.5	3.4	3.5-5.8
Na:K ratio		44	44	
Chloride	mmol/L	122	119	109-122
Osmolarity	mmol/kg	327	299	
Calcium	mmol/L	2.3	2.23	1.98-3.00
Phosphorus	mmol/L	2.58	2.23	0.81-2.20
Urea	mmol/L	21.9	4.6	2.5-9.6
Creatinine	μmol/L	268	66	44-159
SDMA	μg/dL	24	11	0-14
Amylase	U/L	>2500	1189	500-1500
Lipase	U/L	708	623	200-1800
Glucose	mmol/L	7.53	7.24	4.11-7.95
Cholesterol	mmol/L	2.79	3.44	2.84-8.26
Total Bilirubin	μmol/L	408	247	0-15
Alk Phos*	U/L	36	< 10	23-212
GGT	U/L	36	25	0-11
ALT*	U/L	40	Unreadable	10-125
Total Protein*	g/L	>120	>120	52-82
Albumin*	g/L	>60	>60	23-40

**Unusual symbols (e.g., <>) were included, likely indicating a laboratory error.

Table S2. Results of serum chemistry of a dog prior to referral. The test was performed and reference values were provided by Catalyst One and ProCyte Dx machines.

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	1 wk post discharge
RBC			3.44	3.37	2.95	3.14	5.77
HGB			90	85	73	80	144
HCT			0.244	0.238	0.219	0.236	0.466
MCV			71	70.8	74.3	75.4	80.8
MCH			26.2	25.1	24.9	25.5	25
MCHC			369	355	336	338	309
RDW			14.6	16.4	17.9	19.1	16.1
Retic %	1.3	1.7	0.4	0.6	1.9	1.4	4.5
Retic count			14	20	56	44	260
WBC	17.8	17.5	22.6	25.9	29.9	24.4	18.1
Segs (%)	80	79	71	85	83	84	87
Bands (%)	2	2	3	4	4	3	
Toxic change	slight		slight	slight	slight	slight	slight
Eosinophils (%)	4	3	5	2	1		
Basophils (%)							
Lymphocytes (%)	8	11	12	4	6	6	9
Monocytes (%)	6	5	9	5	6	7	4
Segs	14.424	13.825	16.046	22.015	24.817	20.496	15.747
Bands	0.356	0.350	0.678	1.036	1.19	0.732	
Eosinophils	0.712	0.525		0.518	0.299		
Basophils				1.036			
Lymphocytes	1.424	1.925	2.712		1.794	1.464	1.629
Monocytes	1.068	0.875	2.034	1.295		1.708	0.724
Platelets clumped	yes	no	no	no	no	yes	yes
PLT Estimate (slide)	Normal	Decreased	Decreased	Decreased	Decreased	Normal	Normal
PLT Morph (slide)		Enlarged	Enlarged	Enlarged	Enlarged	Normal	
PLT Auto Count	61	31	25	23	42	61	238
RBC morphology	Anisocytosis 2+, Macrocytosis	Anisocytosis 2+, Macrocytosis	Anisocytosis 2+, Macrocytosis	Anisocytosis 2+, Macrocytosis	Anisocytosis 2+, Macrocytosis 2+, Microcytosis 1+,	Anisocytosis 2+, Macrocytosis 1+, Echinocyte 1 1+,	Anisocytosis 2+, Macrocytosis 2+, Polychromasia 1+,

	1+, Microcytosis 1+, Nuclear Remnants Few, Echinocyte 1 2+, Acanthocytes Slight, Keratocyte Slight, Schizocyte Slight, Agglutination -Negative	1+, Microcytosis 1+, Echinocyte 1 2+, Acanthocytes Slight, Keratocyte Slight	1+, Microcytosis 1+, Echinocyte 1 2+, Keratocyte Slight, Schizocyte Slight	1+, Microcytosis 1+, Echinocyte 1 1+, Keratocyte Slight, Schizocyte Slight	Echinocyte 1 2+, Rouleaux 1+, Keratocyte Slight, Schizocyte Slight	Rouleaux 1+, Keratocyte Slight, Schizocyte Slight	Rouleaux 1+, Keratocyte Slight, Schizocyte Slight
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Table S3. Results of a Complete Blood Count (CBC) of a dog after referral (referral = Day 0). The test was performed, and reference values were provided by a local diagnostic laboratory (Prairie Diagnostic Laboratories, Western College of Veterinary Medicine, Saskatoon, SK, Canada).

	Day 1	Day 3	Day 5	Day 6	1 wk post discharge	1 mo post discharge	Units	Reference
Sodium	142	147	150	148	151	149	mmol/L	140-153
Potassium	3.3	4.1	3.7	4.9	4.2	4.4	mmol/L	3.8-5.6
Na:K Ratio	43	36	41	30	36	34		28-38
Chloride	106	115	111	105	101	112	mmol/L	105-120
Bicarbonate	17	16	19	21	26	19	mmol/L	15-25
Anion gap	21	20	24	27	28	22	mmol/L	12-26
Calcium	2.50	2.51	2.44	2.53	2.90	2.68	mmol/L	1.91-3.03
Phosphorus	1.46	1.56	2.01	2.68	1.38	1.49	mmol/L	0.63-2.41
Magnesium	0.82	0.82	0.83	0.87	0.77	0.58	mmol/L	0.70-1.16
Urea	28	24.9	26.1	45.1	16.2	2	mmol/L	3.5-11.5
Creatinine	400	404	343	341	152	55	μmol/L	41-121
Amylase	3528	7317	4022	935	272	711	U/L	343-1375
Lipase	401	750	86	36	35	26	U/L	25-353
Glucose	4.7	5.2	4.5	5.8	5.4	5.1	mmol/L	3.1-6.3
Cholesterol	5.33	5.13	5.26	6.03	6.41	7	mmol/L	2.70-5.94
Total bilirubin	9.6	8	4.7	3.3	1.8	1.5	μmol/L	1.0-4.0
Direct bilirubin	3.5	1.4	1.3	1.6	1.7	0.6	μmol/L	0.0-2.0
Indirect bilirubin	6.1	6.6	3.4	1.7	0.1	0.9	μmol/L	0.0-2.5
Alk Phos	123	122	90	91	134	82	U/L	9-90
GGT	0	0	0	7	16	8	U/L	0-8
ALT	7	14	12	27	78	104	U/L	19-59
GLDH	11	8	4	10	4	3	U/L	0-7
CK	651	696	651	101	141	146	U/L	51-418
Total protein	59	54	48	52	72	59	g/L	55-71
Albumin	23	27	28	29	45	37	g/L	32-42
Globulin	36	27	20	23	27	22	g/L	20-34
A:G ratio	0.64	1		1.26	1.67	1.68		1.06-1.82
Lipemia	+1							
Hemolysis	Gross							

Table S4. Results of serum chemistry of a dog after referral (referral = Day 0). The test was performed, and reference values were provided by a local diagnostic laboratory (Prairie Diagnostic Services Inc., Western College of Veterinary Medicine, Saskatoon, SK, Canada).

	Day 1	Day 5	Day 7	1 wk post discharge	1 mo post discharge
Collection	Free flow	Free flow	Free flow	Free flow	Free flow
Clarity/color	Brown-red	Cclear yellow	Clear colorless	Clear yellow	Clear pale yellow
Specific Gravity	1.018	1.008	1.010	1.010	1.010
pH	7	7	7	8	9
Protein	4+	Neg	Trace	1+	Neg
Glucose	Normal	Normal	Normal	Normal	Normal
Ketones	Neg	Neg	Neg	Neg	Neg
Bilirubin	Neg	Neg	Neg	Neg	Neg
Blood	4+	4+	4+	1+	Neg
WBC/hpf	rare	0-1		0-1	0-1
RBC/hpf	6-8		0-2	0-2	rare
Epithelial Cells/hpf		0-2	rare	0-2 rare clump	
Crystals/hpf	Mild amorphous	Scant struvite	Scant struvite		Scant struvite, scant amorphous
Casts/hpf					
Bacteria/hpf					
Fat/hpf	rare			scant	scant
Other	Proteinaceous-like amorphous debris present	Scant debris	Scant debris		Scant debris

Table S5. Results of urinalysis of a dog after referral (referral = Day 0). The test was performed by a local diagnostic laboratory (Prairie Diagnostic Services Inc., Western College of Veterinary Medicine, Saskatoon, SK, Canada).

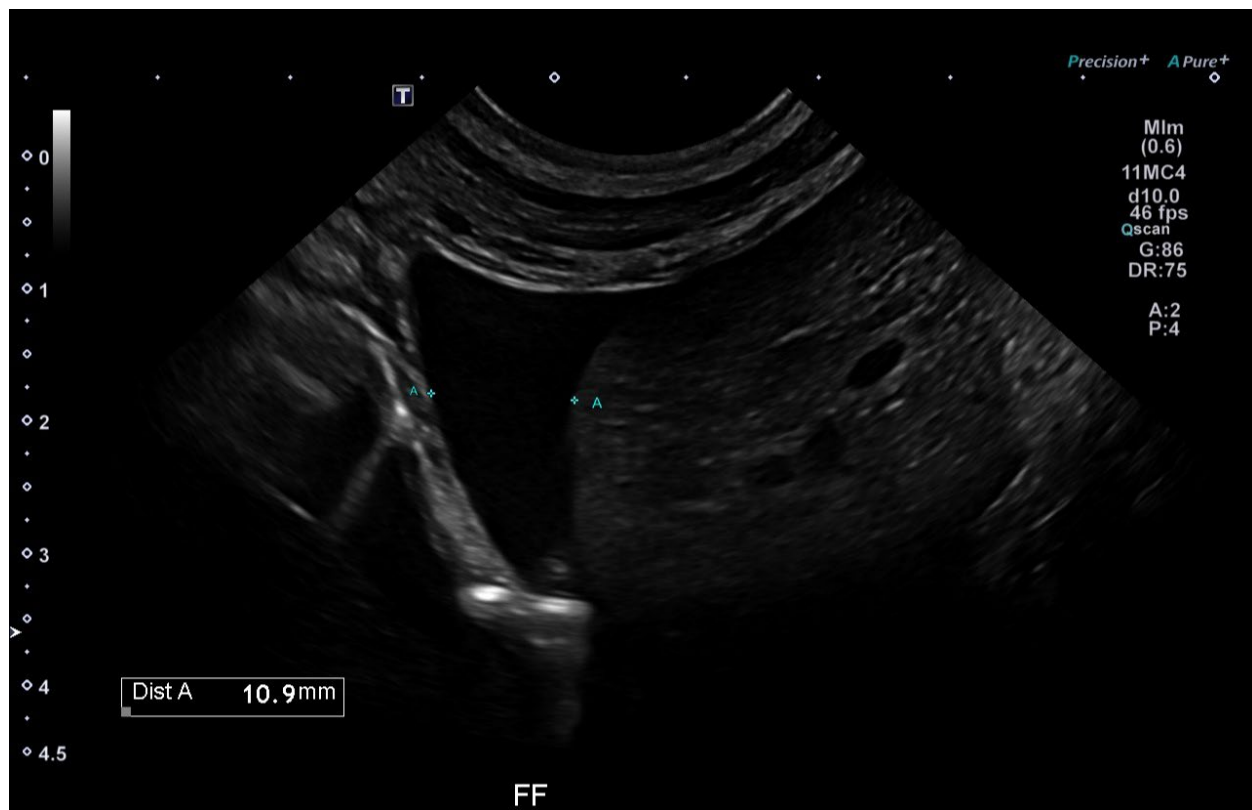


Figure S1. Progressive anechoic free fluid throughout the peritoneal cavity of a dog on Day 3.