

Koziy RV, et al. Temporal kinetics of serum amyloid A (SAA) concentration and identification of SAA isoforms in blood and synovial fluid of horses with experimentally induced septic arthritis, non-septic synovitis, and systemic inflammation

Supplemental Table 1. Synovial fluid cytologic parameters at post-induction hour 24.

	NCC, × 10 ⁹ cells/L	TP, g/L	PN
Septic arthritis			
Horse 1	276.4	55	96
Horse 2	304	71	94
Horse 3	238.3	75	95
Horse 4	198.4	65	95
Horse 5	236	58	95
Mean	250.6	64.8	95
Median	238.3	65	95
SD	40.6	8.4	0.7
Non-septic synovitis			
Horse 1	41.8	48	80
Horse 2	100	60	88
Horse 3	123.4	64	90
Horse 4	108	60	90
Horse 5	125.8	56	90
Mean	99.8	57.6	87.6
Median	108	60	90
SD	34.1	6.1	4.3
Systemic inflammation			
Horse 1	0.5	40	9
Horse 2	24	42	84
Horse 3	21.7	61	90
Horse 4	0.2	36	68
Horse 5	0.2	38	66
Mean	9.32	43.4	63.4
Median	0.5	40	68
SD	12.4	10.1	32.1

NCC = total nucleated cell count; PN = percentage of neutrophils; TP = total protein.

Supplemental Table 2. Leukocyte and segmented neutrophils counts in blood at post-induction hour (PIH) 24 and PIH48.

	Leukocyte, × 10 ⁹ cells/L		Segmented neutrophils, × 10 ⁹ cells/L	
	PIH24	PIH48	PIH24	PIH48
Septic arthritis				
Horse 1	12.7	NA	8.5	NA
Horse 2	14.2	12.8	12.2	10
Horse 3	20.7	16.2	16.6	14.4
Horse 4	14.9	13.9	12.2	13.2
Horse 5	15.5	13.7	12.9	11.5
Mean	15.6	14.2	12.5	12.3
Median	14.9	13.8	12.2	12.4
SD	3	1.4	2.9	1.9
Non-septic synovitis				
Horse 1	9.5	7.6	7.6	4.9
Horse 2	9.7	9	8.3	7.6
Horse 3	10.7	9.1	8.4	7.4
Horse 4	9.5	10.5	7.9	8
Horse 5	9.7	11.9	6.4	7.5
Mean	9.8	9.6	7.7	7.1
Median	9.7	9.1	7.9	7.5
SD	0.5	1.6	0.8	1.2
Systemic inflammation				
Horse 1	9.4	12.5	6.6	9.6
Horse 2	10	10	8.8	7.2
Horse 3	9.3	12.6	6.9	10.2
Horse 4	16.2	19.4	12	15.7
Horse 5	9.3	12.6	6.9	10.2
Mean	10.8	13.4	8.2	10.6
Median	9.4	12.6	6.9	10.2
SD	3	3.5	2.3	3.1

NA = data not available.