

**Additional Table a.** Echocardiographic values and medication of examined dogs

CG		Stage B1		Stage B2			Stage C		
LA/Ao	LVIDDn	LA/Ao	LVIDDn	LA/Ao	LVIDDn	medication	LA/Ao	LVIDDn	medication
1.34	1.37	1.2	1.3	1.9	1.9	Pimo, Diur, ACE	2.2	1.7	no
1.3	1.03	1.0	1.56	1.9	2.0	no	1.65	2.1	Pimo
1.31	1.41	0.86	1.3	1.9	1.9	no	3.5	2.6	Diur, ACE
1.43	1.3	1.4	1.36	1.9	1.76	ACE	2.59	2.32	no
1.36	1.28	1.3	1.4	2.0	2.34	Pimo	3.0	2.34	Pimo, Diur, ACE
1.32	1.44	1.24	1.5	1.7	1.95	no	1.7	2.1	Pimo, Diur, ACE
1.25	1.25	1.4	1.53	1.9	1.78	no	1.8	2.1	no
1.0	1.38	1.15	1.26	1.72	2	no	2.6	2.3	no
1.16	1.48	1.48	1.5	1.8	2.27	no	2.6	1.89	Pimo, Diur
1.4	1.49	1.2	1.2	2.0	2.2	no	2.2	1.87	Pimo, Diur, ACE
1.32	1.5	1.4	1.56	2.1	1.97	Pimo	2.9	2.1	Pimo
1.16	1.34	1.22	1.6	1.85	1.87	Pimo, ACE	1.9	1.75	Pimo, Diur
1.1	1.04	1.4	1.34	1.7	1.77	Pimo	1.8	2.16	Pimo, Diur, ACE
1.2	1.46	1.4	1.52	2.25	2.24	no	1.8	2.1	ACE
1.1	1.5	1.2	1.4	1.89	1.8	no	2.3	2.0	Pimo, Diur, ACE
1.16	1.4	1.4	1.4	1.7	2.0	no	2.5	2.1	Diur, ACE
1.2	1.3	1.23	1.51	2.0	1.89	Pimo, ACE	2.2	2.0	ACE
1.3	1.28	1.3	1.1	1.85	2.0	ACE	1.8	2.2	no
1.0	1.4	1.0	1.63	1.75	1.78	no	2.0	2.0	no
1.4	1.49	1.0	1.4	1.75	1.91	no	2.0	2.0	Pimo, Diur, ACE
1.22	1.54	1.5	1.45	1.7	1.86	no	3.1	2.5	Pimo, Diur, ACE
1.24	1.3	1.04	1.51	1.7	1.7	no	2.4	1.83	no
1.2	1.3	1.1	1.48	1.7	1.83	no	2.5	2.3	Pimo, Diur, ACE
1.2	1.5	0.9	1.46	1.9	2.01	Pimo	2.6	2.48	Pimo, Diur, ACE
1.4	1.6	1.5	1.38	1.8	1.72	no	2.0	1.84	no
1.0	1.3	1.24	1.35	1.9	1.93	no	2.7	2.1	Pimo, Diur

1.2	1.3	1.1	1.31	1.9	1.97	no	2.33	2.7	no
1.25	1.3	1.2	1.53	1.8	1.79	Diur, ACE	2.9	1.8	no
1.5	1.4	1.1	1.43	2.0	1.82	Pimo, Diur, ACE	1.9	1.9	Diur, ACE
1.27	1.35	1.5	1.64	1.82	1.73	Pimo, Diur, ACE	2.58	2.44	Pimo, Diur, ACE
1.07	1.6	1.3	1.26	1.9	2.0	Pimo, Diur, ACE	2.8	1.89	Diur, ACE
1.1	1.47	1.35	1.45	1.95	2.08	Pimo	1.8	2.0	Pimo, Diur, ACE
1.46	1.3	1.21	1.2	1.9	1.95	no	1.8	2.29	no
1.21	1.31	1.09	1.42	1.7	1.7	Pimo, Diur, ACE	1.8	1.86	no
0.82	1.35	1.15	1.57	1.8	2.0	no	2.21	2.31	no
1.23	1.31	1.39	1.4	2.0	2.03	Pimo, ACE	2.2	2.26	no
1.13	1.6	1.3	1.46	1.85	1.8	no	1.65	2.01	Pimo, Diur, ACE
1.25	1.03	1.27	1.39	1.8	2.15	Pimo, ACE	2.89	1.9	Pimo, Diur, ACE
1.47	1.35	1.15	1.54	2.0	1.93	no	2.8	2.3	Pimo, Diur, ACE
1.4	1.25	1.46	1.43	1.8	2.1	Pimo, Diur, ACE	2.0	1.98	Diur, ACE
0.96	1.1	1.34	1.34	2	2.3	Diur, ACE	2.6	2.33	Pimo, Diur, ACE
1.21	1.4	1.35	1.58	2.1	1.94	Diur, ACE	2.2	1.94	Pimo, Diur, ACE
0.87	1.3	1.39	1.4	1.84	2.07	no	2.1	2.2	Diur, ACE
1.5	1.4	1.4	1.38	1.9	2.28	no	3.1	2.25	Pimo, Diur, ACE
1.25	1.3	1.4	1.4	1.7	1.74	Diur, ACE	2.5	2.1	Pimo, Diur, ACE
1.41	1.4	1.2	1.2	1.61	1.98	Pimo	2.8	2.28	Diur, ACE
1.54	1.4	1.2	1.4	1.82	1.76	no	2.8	2.19	Diur, ACE
1.29	1.1	1.2	1.57	2.1	2.0	no	2.86	2.4	Pimo, Diur, ACE
1.3	1.4	1.3	1.5	1.9	2.4	no	3.09	1.9	no
1.4	1.4	1.1	1.51	1.6	1.87	no	2.36	1.97	Pimo, Diur, ACE

Staging according to the American College of Veterinary Internal Medicine (ACVIM). Dogs allocated to the control group and stage B1 received no medication. 22 dogs allocated to stage B2 and 36 dogs allocated to stage c received medication prior echocardiographic and radiographic examination. Medication included Pimobendan (Pimo), diuretics (Diur) and ACE-inhibitors (ACE).

CG: Control group; LA/Ao: left atrium-to-aorta ratio; LVIDDn: normalized left ventricular internal dimension at end diastole