

Table S1. Details related to each dog's clinical, MRI and arthroscopic findings and medial shoulder instability (MSI) grades.

Grade <sup>1</sup> (no) <sup>a</sup>	Abd <sup>e</sup>	Abd <sup>*</sup>	Arthroscopic findings	Mod Out <sup>2</sup>	M SI <sup>3</sup>	MRI <sup>4</sup>
4 (1)	42	31	Biceps tenosynovitis Synovitis cranial, medial and caudal compartments Fraying of MGHL	1	2	UR
2 (2)	40	29	Biceps tenosynovitis Synovitis, cranial and medial compartments Fiber separation of MGHL	0	1	UR
2 (3)	40	28	Synovitis, medial compartment Fraying of MGHL and SST Joint capsule rent at MGHL origin	0	2	Joint effusion Rupture of medial joint capsule
2 (4)	42	31	Synovitis cranial and medial compartments Fraying of MGHL and SST	0	2	Supraspinatus tendinopathy
5 (5)	41	28	Biceps Tenosynovitis Synovitis cranial and medial compartments Fraying of MGHL and SST	0	1	Joint effusion Effusion infraspinatus
2 (6)	42	27	Biceps tenosynovitis Synovitis cranial and medial compartments Fraying of MGHL and SST	0	2	UR
2 (7)	42	29	Biceps tenosynovitis Synovitis cranial, medial and caudal compartments Partial tearing of MGHL and SST	0	2	UR

2 (8)	48	35	Synovitis medial and caudal compartments Partial tear of MGHL and SST	0	2	Infraspinatus with bone marrow oedema at insertion.  Possible pathology of the MGHL
2 (9)	43	22	Biceps tenosynovitis, partial tear Synovitis cranial, medial and caudal compartments Partial tear MGHL and SST	3	2	Joint effusion  Thickening of the biceps
2 (10)	48	28	Synovitis cranial, medial and caudal compartments Partial tear of MGHL and SST	3	2	Joint effusion  Subchondral cyst at the medial glenoid
2 (11)	47	27	Synovitis medial and caudal compartments Partial tear of MGHL and SST	2	2	Joint effusion  SST tendinopathy
4 (12)	40	29	Synovitis cranial, medial and caudal compartments Partial tear of MGHL and SST	0	2	Joint effusion  Synovial proliferation
3 (13)	42	28	Synovitis cranial, medial and caudal compartments Fraying of MGHL and SST	3	2	Biceps tenosynovitis.  Chondromalacia of the caudal humeral head
3 (14)	41	25	Biceps tenosynovitis Synovitis cranial, medial and caudal compartments Partial tear of MGHL and SST	2	2	Joint effusion  Concerns related LGHL and

						MGHL desmitis/oed em
3 (15)	44	25	Synovitis medial compartment Fraying of MGHL and LGHL	0	2	Joint effusion
2 (16)	41	22	Synovitis cranial, medial and caudal compartments Fraying of MGHL and SST	0	2	UR
4 (17)	48	22	Synovitis cranial, medial and caudal compartments Fraying of MGHL and SST	1	2	Joint effusion

<sup>1</sup>Lameness grade 0 (non)-5 (1 is mild, barely perceptible lameness and 5 is severe, predominantly non-weight-bearing lameness) (26); <sup>a</sup>Case number; <sup>é</sup>Abduction angle (affected shoulder); <sup>\*</sup> Abduction angle (contralateral shoulder) (12); <sup>2</sup>Modified Outerbridge classification (39); <sup>3</sup>MSI grade, medial shoulder instability grade (8); <sup>4</sup>Magnetic resonance imaging (MRI) findings; MGHL, Medial glenohumeral ligament; SST, Subscapularis tendon; UR, Unremarkable; LGHL, Lateral glenohumeral ligament.

Reference citations in this table refer to the main article reference list, except for Reference 39, which is listed in full below.

39. Deweese MD, Brown DC, Hayashi K, Blake C, Anglin E, Morris K, Agnello KA. Observer variability of arthroscopic cartilage grading using the modified Outerbridge classification system in the dog. *Vet Comp Orthop Traumatol.* 2019;32:126-132.