

Supplement 1. Diagnostic performance and disease duration. SE=sensitivity. SP=specificity. DOR=diagnostic odds ratio (LR+ / LR-). F=female patients. M=male patients. n/a=ratio mathematically not computable.

Parameter	Sex	<18 months (n=56; 27 F)			18 months – 5 years (n= 112; 44 F)			≥ 5 years (n=279; 121 F)		
		SE	SP	DOR	SE	SP	DOR	SE	SP	DOR
Ankylosis	F	0.07	1.00	n/a	0.00	0.94	0.0	0.10	0.97	4.1
	M	0.05	1.00	n/a	0.15	1.00	n/a	0.30	0.94	6.3
Erosion	F	0.67	0.92	22.0	0.77	0.72	8.7	0.67	0.82	9.3
	M	0.45	0.89	6.5	0.79	0.81	16.2	0.70	0.81	10.3
Sclerosis	F	0.60	0.67	3.0	0.81	0.39	2.7	0.78	0.44	2.7
	M	0.50	0.33	0.5	0.67	0.75	6.2	0.56	0.75	3.8
Fat metaplasia	F	0.27	0.92	4.0	0.35	0.78	1.9	0.45	0.92	9.9
	M	0.35	1.00	n/a	0.65	0.94	28.3	0.60	1.00	n/a
Bone marrow edema	F	0.60	0.67	3.0	0.69	0.78	7.9	0.62	0.74	4.8
	M	0.65	0.78	6.5	0.60	0.81	6.4	0.55	0.56	1.6