

Supplementary table S3. Spearman's rank correlation coefficients (r_s) between calprotectin/conventional inflammatory markers and sum ultrasound scores in patients using tocilizumab (n=12)

	Sum GS score						Sum PD score					
	Baseline	1 month	2 months	3 months	6 months	12 months	Baseline	1 month	2 months	3 months	6 months	12 months
Calprotectin	0.66*	0.45	0.53	0.30	0.64*	0.54	0.50	0.27	0.83**	0.67*	0.57	0.57
ESR	-0.007	-0.26	-0.38	-0.27	0.07	0.36	0.21	-0.22	-0.24	0.09	-0.07	0.49
CRP	0.41	0.43	-0.04	-0.11	0.43	0.64*	0.36	0.26	0.22	0.54	0.23	0.72**

Sum GS score = sum of grey scale scores on a 0-3 scale of 36 joints and four tendon sheaths, sum PD score= sum power Doppler scores on a 0-3 scale of 36 joints and four tendon sheaths, ESR =erythrocyte sedimentation rate, CRP = C-reactive protein, * $p < 0.05$, ** $p \leq 0.001$