

APPENDIX TABLE A1
Ultrasonographic correlations in lateral epicondylitis

Variable	R	Confidence interval	P-value	r	Confidence interval	P-value
Univariate analyses						
	Tendon thickness 'plateau measure'			Tendon thickness '1-cm measure'		
Age, yr.	0.008	−0.02 to 0.03	0.49	−0.004	−0.03 to 0.02	0.73
Sex	0.71	0.37 to 1.05	<0.001	0.52	0.18 to 0.87	0.004
Height, m	4.03	2.27 to 5.79	<0.001	2.70	0.84 to 4.55	0.005
Weight, kg	0.01	0.004 to 0.03	0.009	0.01	−0.0002 to 0.02	0.054
BMI	0.02	−0.02 to 0.06	0.39	0.02	−0.03 to 0.06	0.47
Color Doppler (scale 2–4)	0.33	0.07 to 0.58	0.01	0.22	−0.03 to 0.48	0.08
Bone spur, yes/no	0.01	−0.46 to 0.48	0.97	0.13	−0.32 to 0.58	0.57
Disease duration > 1 year, yes/no	−0.08	−0.46 to 0.31	0.70	−0.05	−0.43 to 0.32	0.77
Previous steroid injection, yes/no	0.02	−0.14 to 0.18	0.83	0.09	−0.06 to 0.25	0.25
Sick leave, yes/no	−0.21	−0.44 to 0.02	0.08	−0.17	−0.40 to 0.05	0.13
Smoking, yes/no	0.004	−0.24 to 0.24	0.97	0.11	−0.12 to 0.34	0.33
Tender points, 0–18	−0.05	−0.12 to 0.02	0.15	−0.06	−0.13 to 0.006	0.08
Pain 0–50	−0.03	−0.05 to −0.0006	0.045	−0.009	−0.03 to 0.02	0.46
Disability 0–100	−0.01	−0.02 to −0.003	0.01	−0.01	−0.02 to −0.002	0.02
PRTEE 0–100	−0.01	−0.03 to −0.003	0.01	−0.01	−0.2 to 0.0009	0.07
Initial models of multiple logistic regression analyses with backward selection						
Age, yr.	0.008	−0.01 to 0.03	0.48	−0.007	−0.03 to 0.02	0.55
Height, m	2.81	0.24 to 5.37	0.03	2.02	−0.74 to 4.78	0.15
Weight, kg	0.002	−0.01 to 0.01	0.76	0.0003	−0.01 to 0.01	0.97
Bone spur, yes/no	0.07	−0.35 to 0.50	0.74	0.23	−0.23 to 0.68	0.32
Color Doppler (scale 2–4)	0.21	−0.04 to 0.46	0.09	0.17	−0.10 to 0.44	0.22
PRTEE 0–100	−0.008	−0.02 to 0.004	0.18	−0.005	−0.02 to 0.01	0.41
Final models of multiple logistic regression analyses with backward selection						
Height, m	4.03	2.27 to 5.79	<0.001	2.70	0.84 to 4.55	0.005
Univariate analyses						
	Color Doppler activity grade 2–4			Bone spur		
Age, yr.	0.02	−0.01 to 0.04	0.21	0.07	−0.01 to 0.16	0.08
Sex	0.30	−0.07 to 0.67	0.11	−0.68	−1.94 to 0.57	0.29
Height, m	1.99	0.04 to 3.94	0.045	−3.8	−10.65 to 3.12	0.28
Weight, kg	0.01	0.001 to 0.02	0.03	0.01	−0.03 to 0.05	0.62
BMI	0.03	−0.01 to 0.07	0.13	0.11	−0.06 to 0.27	0.21
Tendon thickness 'plateau measure'	0.31	0.07 to 0.56	0.01	0.02	−0.82 to 0.86	0.96
Tendon thickness '1-cm measure'	0.23	−0.03 to 0.49	0.08	0.26	−0.62 to 1.13	0.57
Color Doppler (scale 2–4)	xx	xx	xx	0.17	−0.65 to 1.00	0.68
Bone spur, yes/no	0.09	−0.37 to 0.55	0.69	xx	xx	xx
Disease duration > 1 year, yes/no	−0.42	−0.79 to −0.06	0.02	0.99	−0.33 to 2.30	0.14
Previous steroid injection, yes/no	−0.04	−0.20 to 0.11	0.58	0.27	−0.30 to 0.84	0.36
Sick leave, yes/no	−0.09	−0.32 to 0.14	0.45	−0.07	−0.82 to 0.68	0.86
Smoking, yes/no (definer)	0.11	−0.12 to 0.35	0.34	0.13	−0.65 to 0.91	0.74
Tender points, 0–18	−0.06	−0.13 to 0.01	0.09	0.07	−0.17 to 0.31	0.59
Pain 0–50	−0.0008	−0.03 to −0.02	0.95	0.05	−0.04 to 0.14	0.25
Disability 0–100	0.004	−0.005 to 0.01	0.41	0.006	−0.02 to 0.04	0.71
PRTEE 0–100	0.003	−0.009 to 0.01	0.62	0.02	−0.02 to 0.05	0.44
Initial models of multiple logistic regression analyses with backward selection						
Age, yr.	0.01	−0.01 to 0.04	0.32	0.01	0.0001 to 0.029	0.049
Height, m	1.09	−1.81 to 3.98	0.45	−1.39	−3.08 to 0.30	0.11

Weight, kg	0.007	−0.007 to 0.02	0.30	0.006	−0.002 to 0.01	0.12
Bone spur, yes/no	0.01	−0.46 to 0.48	0.97	xx	xx	xx
Color Doppler (scale 2–4)	xx	xx	xx	0.003	−0.16 to 0.17	0.97
Tendon thickness ‘plateau measure’	0.24	−0.18 to 0.66	0.26	−0.07	−0.32 to 0.19	0.61
Tendon thickness ‘1-cm measure’	0.001	−0.39 to 0.40	0.96	0.12	−0.11 to 0.36	0.29
PRTEE 0–100	0.01	−0.003 to 0.02	0.13	−0.001	−0.008 to 0.007	0.87

Final models of multiple logistic regression analyses with backward selection

Tendon thickness ‘plateau measure’	0.31	0.07 to 0.56	0.01	No significant variables
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In the initial and final models only age, height, weight, spur, tendon thickness, Doppler activity, and PRTEE were included due to the limited number of participants in the study. Pain and disability were omitted in favor of PRTEE because these variables are based on the same data.