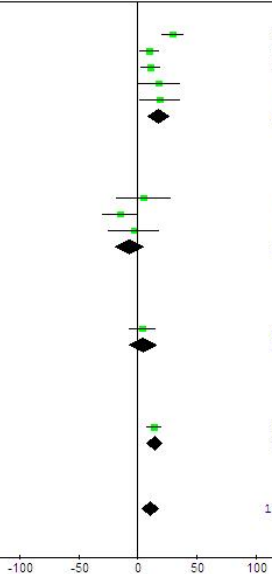
Review: Laser tendinopathy
Comparison: 05 Lateral elbow tendinopathy pain
Outcome: 01 Pain reduction on 100 mm VAS at end of study

Study or sub-category	Laser therapy N	Laser therapy Mean (SD)	Placebo N	Placebo Mean (SD)	WMD (random) 95% CI	Weight %	WMD (random) 95% CI
01 Tendon application 904 nm							
Palmieri	15	45.00(14.00)	15	15.30(11.00)		12.35	29.70 [20.69, 38.71]
Vasseljen	15	16.00(12.00)	15	6.00(12.00)		12.57	10.00 [1.41, 18.59]
Løgdberg-Andersson	73	10.00(25.00)	69	-1.00(25.80)		12.69	11.00 [2.64, 19.36]
Stergioulas LE	15	29.30(25.20)	15	11.54(24.88)		7.86	17.76 [-0.16, 35.68]
Lam	21	20.90(26.20)	18	2.20(29.00)		8.06	18.70 [1.23, 36.17]
Subtotal (95% CI)	139		132			53.54	17.18 [8.49, 25.86]
Test for heterogeneity: Chi² = 12.18, df = 4 (P = 0.02), I² = 67.2%							
Test for overall effect: Z = 3.88 (P = 0.0001)							
02 Tendon application 820 nm and 1064nm							
Krashenninikoff	18	19.00(36.00)	18	14.00(35.00)		5.92	5.00 [-18.20, 28.20]
Papadopoulos	15	-1.00(20.50)	16	14.00(21.20)		9.36	-15.00 [-29.68, -0.32]
Basford	23	13.40(39.90)	24	17.00(36.80)		6.32	-3.60 [-25.57, 18.37]
Subtotal (95% CI)	56		58			21.60	-7.49 [-19.08, 4.10]
Test for heterogeneity: Chi² = 2.23, df = 2 (P = 0.33), I² = 10.5%							
Test for overall effect: Z = 1.27 (P = 0.21)							
03 Acupoint application technique 904 nm							
Lundeberg	38	26.00(20.00)	19	22.00(20.00)		11.28	4.00 [-7.01, 15.01]
Subtotal (95% CI)	38		19			11.28	4.00 [-7.01, 15.01]
Test for heterogeneity: not applicable							
Test for overall effect: Z = 0.71 (P = 0.48)							
04 Tendon application 632 nm versus brace							
Øken	20	28.00(12.00)	20	14.00(9.00)		13.58	14.00 [7.43, 20.57]
Subtotal (95% CI)	20		20			13.58	14.00 [7.43, 20.57]
Test for heterogeneity: not applicable							
Test for overall effect: Z = 4.17 (P < 0.0001)							
Total (95% CI)	253		229			100.00	10.24 [3.04, 17.45]
Test for heterogeneity: Chi² = 33.68, df = 9 (P = 0.0001), I² = 73.3%							
Test for overall effect: Z = 2.79 (P = 0.005)