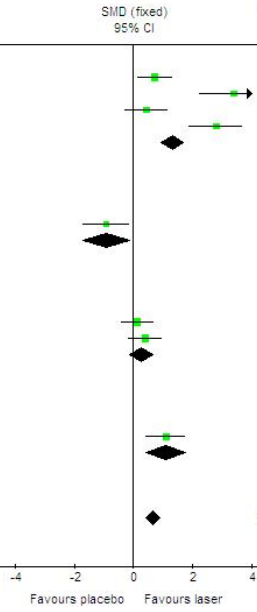
Review: Laser tendinopathy
Comparison: 05 Lateral elbow tendinopathy pain
Outcome: 03 Pain free grip strength improvement

Study or sub-category	Treatment N	Treatment Mean (SD)	Control N	Control Mean (SD)	Weight %	SMD (fixed) 95% CI
01 Tendon application 904 nm						
Haker a	25	25.00(34.30)	24	0.00(33.60)	17.36	0.72 [0.14, 1.30]
Vasseljen	15	50.00(20.10)	15	-20.00(20.10)	4.29	3.39 [2.22, 4.55]
Stergioulas	15	7.20(12.90)	15	1.84(11.60)	11.10	0.43 [-0.30, 1.15]
Lam	21	49.10(11.90)	18	13.00(13.50)	7.08	2.79 [1.89, 3.70]
Subtotal (95% CI)	76		72		39.83	1.30 [0.91, 1.68]
Test for heterogeneity: Chi² = 32.11, df = 3 (P < 0.00001), I² = 90.7%						
Test for overall effect: Z = 6.64 (P < 0.00001)						
02 Tendon application 820 nm (+/- 10)						
Papadopoulos	14	-1.00(11.00)	15	9.00(10.00)	9.78	-0.93 [-1.70, -0.15]
Subtotal (95% CI)	14		15		9.78	-0.93 [-1.70, -0.15]
Test for heterogeneity: not applicable						
Test for overall effect: Z = 2.35 (P = 0.02)						
03 Acupoint application 904 nm						
Lundeberg	38	41.50(26.00)	19	38.20(23.00)	19.19	0.13 [-0.42, 0.68]
Haker acu	23	17.00(18.00)	26	10.00(18.00)	18.17	0.38 [-0.18, 0.95]
Subtotal (95% CI)	61		45		37.37	0.25 [-0.14, 0.65]
Test for heterogeneity: Chi² = 0.39, df = 1 (P = 0.53), I² = 0%						
Test for overall effect: Z = 1.25 (P = 0.21)						
04 Tendon application 632 nm						
Øken	20	10.50(18.00)	20	-7.50(14.00)	13.02	1.09 [0.42, 1.76]
Subtotal (95% CI)	20		20		13.02	1.09 [0.42, 1.76]
Test for heterogeneity: not applicable						
Test for overall effect: Z = 3.20 (P = 0.001)						
Total (95% CI)	171		152		100.00	0.66 [0.42, 0.90]
Test for heterogeneity: Chi² = 65.02, df = 7 (P < 0.00001), I² = 89.2%						
Test for overall effect: Z = 5.38 (P < 0.00001)