

Attached list 18b. Effect of sham chiropractic therapy

Authors	Disease	Treatment schedule	Parameter	Groups	Number of participants	Before	After	Improve rate
Bialosky JE (2014)	Low Back Pain	6 time over two weeks		Spinal Manipulative Therapy (SMT)	18	45.26	34.76	23.2%
				Sham SMT	9	43.78	29.78	32.0%
Bove G (1998)	Headache	8 sessions over 4 weeks	VAS (at week 19)	Manipulation	38	37	35	5.4%
				Sham laser	37	37	26	29.7%
Borusiak P (2010)	Suspected Cervicogenic Headache	Not clear	Pain intensity	Chiropractic	28	4.3	4	7.0%
				Sham	28	4.9	5	-2.0%
Cambron JA (2014)	lumbar spinal stenosis	18 sessions over 6 weeks	symptom severity	flexion-distraction manipulation	15	3.4	2.72	20.0%
				Sham	14	3.2	2.81	12.2%
Crothers AL. (2016)	non-specific thoracic spine pain	10 treatment over 4 weeks	VAS at 1 month	SMT	36	5.5	4.3	21.8%
				Graston technique	63	5.7	3.4	40.4%
				Sham	44	5.5	4.2	23.6%
Hawk C (2002)	Chronic pelvic pain	14 sessions over 6 weeks	PDI at 12 weeks	Chiropractic	20	16.0	6.8	57.3%
				Sham	19	18.3	7.5	59.1%
Hawk C (2005)	Low back pain	8 sessions over 3 weeks	Pain disability index	Chiropractic	54	26.8	17.7	34.0%
				Sham	57	26.1	18.2	30.3%
Hondras MA (1999)	Primary dysmenorrhea	3 sessions over 7 days before	VAS (after 3 circles)	SMT	69	10.08	5.3	47.4%
				low-force mimic (LFM)	69	8.01	7.62	4.9%

circle				maneuver				
Licciardone JC (2003)	Low back pain	once a week (7 sessions over 5 months)	VAS (at 6 months)	OMT	48	3.6	3	16.7%
				Sham	23	3.7	2.3	37.8%
				Waiting control	20	3.1	3.3	-6.5%
Pellow JE (2001)	Ankle Inversion Sprains	8 times over 4 weeks	Pain rating scale	Chiropractic	15			20.0%
				Detuned ultrasound Sham	15			14.0%
Olafsdottir E (2001)	infantile colic	3 times over 8 days	Hours of crying	Chiropractic	41	5.1	3.1	39.2%
				Sham	31	5.4	3.1	42.6%
Oliveira-Campelo NM (2013)	Latent myofacial pain	Not clear	Pressure pain proception	Waiting list	25	29.8	31.2	-4.7%
				Placebo	22	34.3	32.6	5.0%
				ischemic compression	24	31.3	22.2	29.1%
				passive stretching	23	34.9	31.3	10.3%
				muscle energy technique	23	43.2	31.9	26.2%
Pollard HP (1997)	University students	Not clear	Neuro-muscular facilitation	Cervical PNF	20	72.15	81.2	
				Hip PNF	20	72.1	78.8	
				Placebo	20	71.8	75.1	
Ruiz-Sáez M (2007)	pain-free subjects	Not clear	Pressure pain sensitivity	Cervical spine manipulation		1.27	1.39	-9.4%
				Placebo		1.34	1.1	17.9%
Schiller L (2001)	Mechanical Thoracic Spine Pain	6 treatments over 2-3 weeks	NRS-101	Chiropractic	15			30.0%
				Ultrasound Placebo	15			10.0%

Vernon H (2009)	Tension-type headache	3 times per week for 6 weeks		Amitriptyline + chiropractic	4	(Stopped study)		
				Placebo amitriptyline + chiropractic	6			
				Amitriptyline + sham chiropractic	5			
				Placebo amitriptyline + sham chiropractic	5			
Vernon HT (2012)	Mechanical neck pain	Not clear	NRS101	Sham	34	49.5	44	11.1%
				Real chiropractic	33	44.4	29.7	33.1%
Yates RG (1988)	Hypertension	Not clear		Chiropractic	7	34.43	29.14	15.4%
				Sham	7	28	30.29	-8.2%
				Waiting list	7	29.14	27.71	4.9%
Walsh MJ (1999)	premenstrual syndrome	2-3 time in a week before menses	PMS symptom score (in first phase)	Chiropractic first, then placebo	16	54.4	36.7	32.5%
				Placebo (instrument) first, then chiropractic	9	53	40	24.5%