

Attached list 18c. Relationship between effect of sham and that of studies results

Authors	Diseases	Kind of sham group	Number of participants	Improvement rate of sham group	Improvement of acupuncture group	Profession	Positive or negative	Countries	Positive - negative (in positive group)	Positive - negative (in negative group)
Petrie, J (1986)219	Chronic neck pain	TENS sham	12	-3.8%	22.3%	Author	Negative	UK		26.1%
Vincent CA (1989)	Migraine			-2.6%	32.4%	Data not available	positive	UK	35.0%	
Crew KD (2010)	Aromatase Inhibitor-Associated Joint Symptoms in Women With Early-Stage Breast Cancer	Sham Acup (Penetrated)	18	-2.3%	56.3%	Acupuncturist	Positive	US	58.6%	
Carlson CPO (2001)	Low back pain	Sham TENS (not connected)	16	0.0%	18.5%	Anesthesiologist	Positive	Sweden	18.5%	
Wong HL (2006)	Postthoracotomy Pain	Sham Acup (Not inserted)	12	0.0%	18.9%	Physiotherapist	Positive	Hong kong	18.9%	
Hervik J (2009)	Hot flashes in breast cancer	Sham Acup (inserted)	29	1.6%	66.3%	Physiotherapist	Positive	Norway	64.7%	
Yiu E (2006)	Dysphonia	Sham Acup (inserted)	24	2.3%	24.0%	Acupuncturist	Positive	US	21.7%	
Cheing GL. (1999)	chronic low back Pain	Sham TENS	15	3.0%	37.0%	Physiotherapist	Positive	Hong kong	34.0%	
Harris RE (2005)	Fibromyalgia	Sham Acup (inserted)	15	3.8%	4.1%	Acupuncturist	Positive		0.3%	
Nabeta, T (2002)229	Chronic neck pain	Sham Acup (No inserted)	17	4.1%	28.4%	Acupuncturist				
Molassiotis A (2007)	Cancer-related fatigue	Sham Acupressure	16	5.1%	22.0%	Acupuncturist	Positive	UK	16.9%	
Macklin EA (2006)	High blood pressure	Sham Acup (not inserted)	64	5.3%	8.6%	Acupuncturists	Negative	US		3.3%

White AR (2000)	Tension headache	Sham (not inserted)	23	6.7%	22.5%	Physician	Positive	US	15.8%	
Cheing GLY (2003)	knee osteoarthritis	TENS (Sham 60 min)	8	8%	45%	Physiotherapist	Positive	Hongkong	37.0%	
Balk J (2009)	Cancer-related fatigue	Sham Acup (Not inserted)	11	10.7%	14.0%	Acupuncturist	Negative	US		3.3%
Bokmand S. (2013)	Hot flash in cancer patients	Sham Acup (inserted)	29	10.8%	34.3%	Acupuncturist	Positive	Denmark	23.5%	
Deluze C (1992)	fibromyalgia	Sham E-Acup (inserted)		11.7%	29.5%	Physician	Positive	Switzerland	17.8%	
Foroughipour M. (2014)	Migraine	Sham Acup (Inserted)	50	12.0%	33.3%	Acupuncturist	Positive	Iran	21.3%	
Tam LS (2007)	rheumatoid arthritis	Sham Acup (inserted, fast punch only)	12	12%	5.60%	acupuncturists	Positive	Hong kong	-6.4%	
Carpenter JS (2002)	Hot flashes after breast cancer.	Sham Acup (Not inserted)	11	13.4%		Acupuncturist				
Lee SWH (2016)	Chronic pelvic pain	Sham E-Acup (inserted)	17	14.0%	34.0%	Acupuncturists	Positive	US	20.0%	
Penza P (2011)	Chronis painful Neuropathies	Sham E-acup (inserted)	8	14.7%	12.80%	acupuncturist	Negative	Italy		-1.9%
He D (2005)	Chronic neck and shoulder pain	Sham Acup (inserted + ear acupress)	10	15.4%		15.4%	Acupuncturist			
Dieterle S (2006)	Infertility	Sham Acup + Aricular press (inserted)	109	15.6%		15.6%	Not mention			
Itoh, K (2007)215	Chronic neck pain	Sham Acup. (Not inserted)	7	15.9%	25.8%	Acupuncturist	Positive	Japan	9.9%	
Vas J (2006)	Neck pain	Sham (TENS)	62	17.0%	64.2%	Doctor	Positive	Spain	47.2%	
Alecrim-Andrade J (2008)	Migraine	Sham Acup (Inserted)	19	17.0%	19.0%	Physician	Negative	Brazil		2.0%
Hollisaz, MT (2007)38	Chronic LBP	Sham E-Acup (not	40	17.5%	62.1%	Not mention	Positive	Iran	44.6%	

inserted)									
Deng G (2008)	Pain after thoracotomy	Sham Acup (not inserted)	54	18.0%					
Kerr DP (2003)	Chronic low back pain	Sham TENS (not connected)	25	18.8%	28.1%	Physiotherapist	Positive	North Ireland	9.3%
Wang YY (2015)	Migraine	Sham Acup (Inserted)	24	20.0%	34.8%	Acupuncturist	Positive	Australia	14.8%
Yeung WF (2009)	primary Insomnia	Sham Acup (not inserted)	30	20.7%	34.1%	acupuncturists	Positive	Hong kong	13.4%
Li Y (2012) (China)	Migraine	Sham Acup (Inserted)	118	21.8%	48.1%	Acupuncturists	Positive	China	26.3%
Deng G (2007)	Hot flash in cancer patients	Sham Acup (Not inserted)	30	22.0%	28.7%	Acupuncturist	Negative	US	6.7%
Sator-Katzenschlager SM (2004)18	Chronic LBP	Sham E-aricular acup.	30	22.5%	75.0%	Not mention	Positive	Austria	52.5%
Thomas, M (1991)211	Chronic neck pain	Sham Acup (Inserted)	44	22.6%	34.3%	Acupuncturist	Negative	Sweden	11.7%
Gioia L (2006)	Cataract surgery	Sham Acup (inserted) + aricular press	25	23.1%	23.1%	Physician			
Yeung WF (2011)	Residual insomnia	Sham E-acup (inserted)	26	24.7%	26.8%		Positive	Hong kong	2.1%
Haake (2007)	Low Back Pain	Sham Acup (inserted)	387	24.8%	28.2%	Physicians	Negative	Germany	3.4%
Quispe-Cabanillas JG (2012)	Multiple sclerosis	Sham E-acup (inserted)	15	25%	70%	acupuncturists	Positive	Brazil	45.0%
Itoh, K (2004)9	Chronic LBP	Sham Acup (inserted)	9	26.5%	16.1%	Acupuncturist			
Tavola (1992)	Tension headache	Sham Acup (inserted)	15	28.9%	36.4%	Physician	Negative	Italy	7.5%
Dowson DI (1985)	Migraine	Sham TENS	39	30.0%	56.0%	Not mention	Positive	UK	26.0%

Irnich D (2001)	Neck pain (Auricle acup, and trigger point were used)	Sham Acup. (inactivated laser)	60	30.2%	44.7%	Acupuncturists	Positive or negative	Germany	14.5%
Melchart D (2005)	Tension-type Headache	Sham Acup. (inserted)	63	31.1%	35.6%	Physicians	Negative	Germany	4.5%
Forbes A (2005)	irritable bowel syndrome	Sham Acup (inserted)	32	31.2%	14.1%	Acupuncturist	Negative	UK	-17.1%
Joos S (2006)	Ulcerative colitis	Sham Acup (inserted)	11	31.3%	40.0%	Physician	Negative	Germany	8.7%
Witt C (2005)	Osteoarthritis	Sham Acup. (inserted)	76	31.8%	47.0%	Physicians	Positive	Germany	15.2%
Hinman RS (2014) (Australia)	Chronic Knee pain	Sham laser	70	32.0%	38.0%	Physicians	Negative	Australia	6.0%
Berman BM (2004)	Osteoarthritis of the knee	Sham Acup (inserted)	163	32.8%	43.7%	Acupuncturists	Positive	US	10.9%
Assefi NP (2005)	Fibromyalgia	Sham 3 (not inserted)	25	33.8%	21.4%	Acupuncturist	Negative	US	-12.4%
Molsberger, AF (2002) ²⁴	Chronic LBP	Sham + COT	174	34.0%	34.0%	Doctor			
Scharf HP (2006)	Osteoarthritis	Sham Acup Inserted) + Physio + medicine	365	34.5%	34.5%	Physician			
Brinkhaus (2006)	Low Back Pain	Sham Acup (inserted)	70	35.4%	45.4%	Physicians	Negative	Germany	10.0%
Linde K (2005)	Migraine	Sham Acup. (inserted)	81	35.7%	33.9%	Physicians	Negative	Sweden	-1.8%
Vickers AJ (2005)	Dyspnea in cancer patients	Sham Acup (Not inserted)	14	37.1%		Acupuncturist	Negative	USA	
Diener HC (2006)	Migraine	Sham Acup (inserted)	339	37.9%	45.0%	Physicians	Negative	Germany	7.1%
Vas (2004)	Knee osteoarthritis	Sham acup plus diclofenac (No insertion)	49	38.3%	38.3%	Doctor			
Cherkin (2009) (US)	Low Back Pain	Minimal Acup	162	38.8%	34.0%	Acupuncturists	Negative	US	-4.8%

Leibing E (2002)	Low Back Pain	Sham Acup (inserted) + Physiol	45	39.6%	39.6%	Physician			
Lu W (2009)	Chemotherapy-Induced Neutropenia in Patients with Gynecologic Malignancies	Sham Acup (Inserted)	9	40.9%	58.0%	Acupuncturist	positive	US	17.1%
Kenndey (2008)	Low Back Pain	Sham Acup (not inserted)	22	42.0%	51.4%	Physiotherapist	Positive-negative	Northern Ireland	
Deng G (2008)	Surgical oncology population	Sham intradermal needle	43	42.6%		Acupuncturist	Negative	US	
Liljegren A (2012)	Vasomotor symptoms in breast cancer patients	Sham Acup (Not inserted)	36	47.0%	42.0%	Acupuncturist	Negative	Sweden	-5.0%
Vas J (2008)	Painful shoulder	Sham Acup (no inserted) + Physio	220	47.6%	47.6%	Doctor			
White P (2004)	Neck pain	Sham (TENS)	65	47.9%	66.3%	Physiotherapist	positive	UK	18.4%
Endres HG (2007)	Tension-type headache	Sham Acup (inserted)	195	48.2%	60.3%	Physicians	Positive-negative	Germany	12.1%
Foster NE (2007)	Knee osteoarthritis	Sham Acup (not inserted) + advice and exercise	119	49.5%	49.5%	Physicians			
Cheing GLY (2002)	knee osteoarthritis	Sham TENS	16	49.6%	57.8%	Physiotherapist	Negative	Hong kong	8.2%
Fleckenstein J (2008)	Acute Tonsillitis and Pharyngitis	Sham laser	26	55.0%	41.0%	Acupuncturist	Negative	Austria	-14.0%
Guerra JA (2004)	shoulder pain	Sham Acup (not inserted)	65	55.6%	82.0%	Acupuncturist	positive	Spain	26.4%
Alecrim-Andrade J (2006)	Migraine	Sham Acup (Inserted)	15	59.1%	48.0%	Physician	Negative	Brazil	-11.1%