



Appendix 5

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix 1 to: Bourne AM, Whittle SL, Richards BL, et al. The scope, funding and publication of musculoskeletal clinical trials performed in Australia. *Med J Aust* 2014; 200: xxx-xxx. doi: 10.5694/mja13.10907.

Appendix 5. Australian investigator-initiated musculoskeletal-specific trials published in the 37 highest general medical and musculoskeletal-related journals by 2011 Impact Factor* between 01 January 2011 and 31 December 2012: Journal, first author, trial setting, trial design, condition, intervention(s), comparator(s), trial size and funding source(s)

Journal	First Author	Trial Setting	Trial Design	Condition	Intervention(s)	Comparator(s)	Trial Size	Funding Source(s)
British Medical Journal	McMillan A	VIC	RCT-PB	Plantar fasciitis	Ultrasound-guided glucocorticoid injection of the plantar fascia	Saline injection	82	Australian Podiatry Education and Research Foundation; Briggate Medical
	Bennell K	VIC	RCT-O	Knee OA	Wedge insoles	Flat insoles	200	#NHMRC project grant
Annals of Rheumatic Diseases	Munteanu SE	VIC	RCT-PB	Knee OA	Hylan G-F 20	Placebo	151	Australian Podiatry Education and Research Foundation; La Trobe University; Genzyme Australasia Pty. Ltd.
	Laslett LL	TAS	RCT-PB	Knee OA	Zoledronic acid	Placebo	59	Novartis Pharmaceuticals Australia; Australian Government; NHMRC; Osteoporosis Australia
Arthritis & Rheumatism	Fary RE	WA	RCT-PB	Knee OA	Pulsed electrical stimulation	Sham electrostimulation	70	Arthritis Australia; Physiotherapy Research Foundation

Arthritis Care & Research	Hall AM	NSW	RCT-O	Low back pain	Tai chi	No treatment	160	Arthritis Australia; Arthritis Care UK
Osteoarthritis & Cartilage	Laslett LL	TAS, NSW	RCT-PB	Knee OA	4Jointz cream	Placebo cream	133	Arthritis Relief Plus Ltd (Queensland, Australia)
	Hinman RS	VIC	RCT-O	Knee OA	Prefabricated medial arch support	No medial arch supports	21	Australian Research Council
The Journal of Rheumatology	Ackerman IN	VIC	RCT-O	Hip or knee OA	Stanford arthritis self-management program + self-help book	Self-help book	120	NHMRC project grant
Journal of Bone & Joint Surgery [American]	Howie D	SA	RCT-PB	Hip OA	36 mm metal femoral head on highly cross-linked polyethylene	28-mm metal femoral head	644	NHMRC; Zimmer
	Russell T	QLD	RCT-O	Knee OA	Internet-based tele-rehabilitation physical therapy following total knee replacement	Standard physical therapy	65	No external funding
Journal of Bone & Joint Surgery [British]	Babazadeh S	VIC	RCT-BP	Knee OA	Computer-assisted total knee replacement	Conventional total knee replacement	115	Not specified
	Ward TR	ACT	RCT-PB	Knee OA	Bicruciate stabilised design	Traditional posterior-	28	Smith and Nephew

stabilised design								
Journal of Orthopaedic Research	Schmid A	QLD	RCT-O	Carpal tunnel syndrome	Night splinting	Nerve and tendon gliding exercises	21	NHMRC project grant; Queensland Health
Arthroplasty	Harvie P	WA	RCT-PB	Knee OA	Navigated total knee replacement	Conventional total knee replacement	40	Not specified
	Bourke MG	QLD	RCT-PB	Knee OA	Subvastus approach	Medial parapatellar approach	90	No external funding
	Khan RJK	WA	RCT-PB	Knee OA	Single-incision mini-posterior approach	Standard posterior approach	22	Smith and Nephew Surgical Pty Ltd.
Medicine & Science in Sports & Exercise	Wajswelner H	VIC	RCT-O	Low back pain	Pilates	General exercise	87	DMA Clinical Pilates Physiotherapy & Back in Motion Physiotherapy
British Journal of Sports Medicine	Singer BJ	WA	RCT-PB	Anterior knee pain	Botulinum toxin type A injection	Saline injection	24	Raine Medical Research Foundation at UWA; Ipsen
	Mills K	ACT	RCT-O	Anterior knee pain	Prefabricated orthoses	No orthoses	40	Australian Research Council
	Yelland MJ	QLD	RCT-O	Achilles tendinosis	Prolotherapy injections of hypertonic glucose +	Eccentric loading exercises	40	Australian Musculoskeletal Research Foundation;

					lignocaine			Australian Podiatry Educ. & Research Foundation; Griffith University
	Foley A	SA	RCT-O	Musculoskeletal disability or impairment	Gym based exercise	Usual Care	106	Arthritis Australia; Royal Adelaide Hospital
Journal of Science & Medicine in Sport	Bolton KL	VIC	RCT-O	Osteopenia	Exercise	Control	39	Swisse Vitamins
Spine	Cameron ID	NSW	RCT-PB	Subacute and chronic whiplash	Electroacupuncture	Simulated electroacupuncture	124	Government funds not described
Journal of Physiotherapy	Iles R	VIC	RCT-O	Low back pain	Telephone coaching + physiotherapy care	Physiotherapy care	30	Not specified
	Lewis C	QLD	RCT-O	Low back pain	Strain-counterstrain treatment + Standard exercises	Standard exercises	99	Not specified
	Nee R	QLD	RCT-O	Nerve-related neck and arm	Manual therapy + Nerve gliding exercises + Education	Usual activities	60	University of Queensland

pain								
Physical Therapy	Macedo LG	NSW & QLD	RCT-O	Low back pain	Motor control exercises	Graded activity	172	NHMRC project grant
	Yiasemides R	NSW	RCT-O	Shoulder pain	Passive mobilization + Exercise + Advice	Exercise + advice	98	Aust. Physiotherapy Research Foundation
Archives of Physical Medicine & Rehabilitation	O'Leary S	QLD	RCT-O	Neck pain	Targeted exercise	Coordination training; active mobility training	60	NHMRC development grant, Queensland Health, University of Queensland

RCT-PB: Participant-blinded randomised controlled trial, RCT-O: Open randomised controlled trial, CCT: Controlled clinical trial (not randomised).

Trial settings: VIC: Victoria; TAS: Tasmania, WA: Western Australia, NSW: New South Wales, SA: South Australia, QLD: Queensland, ACT: Australian Capital Territory

*Impact Factor ranking obtained from the Web of Science Journal citation database (2011)

(<http://admin-apps.webofknowledge.com.ezproxy.lib.monash.edu.au/JCR/JCR>)

NHMRC – National Health and Medical Research Council