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Supplement

Table: MCIDs extracted from major medical journals

Region	Outcome	Reference
Hip	HHS	Costa et al. Total hip arthroplasty versus resurfacing arthroplasty in the treatment of patients with arthritis of the hip joint: single centre, parallel group, assessor blinded, randomised controlled trial. <i>BMJ</i> . 2012 Apr 19;344:e2147.
	OHS	Ibid
	iHOT	Griffin et al. Hip arthroscopy versus best conservative care for the treatment of femoroacetabular impingement syndrome (UK FASHIoN): a multicentre randomised controlled trial. <i>Lancet</i> . 2018 Jun 2;391(10136):2225-2235.
Knee	KOOS (a)	Skou et al. A Randomized, Controlled Trial of Total Knee Replacement. <i>N Engl J Med</i> . 2015 Oct 22;373(17):1597-606.
	Lysholm	Sihvonen et al. Arthroscopic partial meniscectomy versus sham surgery for a degenerative meniscal tear. <i>N Engl J Med</i> . 2013 Dec 26;369(26):2515-24.
	Womet Pain	Ibid
	KOOS (b) ¹	Kise et al. Exercise therapy versus arthroscopic partial meniscectomy for degenerative meniscal tear in middle aged patients: randomised controlled trial with two year follow-up. <i>BMJ</i> . 2016 Jul 20;354:i3740.
Spine	Oswestry	Hellum et al. Surgery with disc prosthesis versus rehabilitation in patients with low back pain and degenerative disc: two year follow-up of randomised study. <i>BMJ</i> . 2011 May 19;342:d2786.
	BPI	Krebs et al. Effect of Opioid vs Nonopioid Medications on Pain-Related Function in Patients With Chronic Back Pain or Hip or Knee Osteoarthritis Pain: The SPACE Randomized Clinical Trial. <i>JAMA</i> . 2018 Mar 6;319(9):872-882.
	RMDQ	Friedly et al. A randomized trial of epidural glucocorticoid injections for spinal stenosis. <i>N Engl J Med</i> . 2014 Jul 3;371(1):11-21.
	Pain (a)	Juch et al. Effect of Radiofrequency Denervation on Pain Intensity Among Patients With Chronic Low Back Pain: The Mint Randomized Clinical Trials. <i>JAMA</i> . 2017 Jul 4;318(1):68-81.
	SF-36 PCS	Ghogawala et al. Laminectomy plus Fusion versus Laminectomy Alone for Lumbar Spondylolisthesis. <i>N Engl J Med</i> . 2016 Apr 14;374(15):1424-34
	Pain (b)	Mathieson et al. Trial of Pregabalin for Acute and Chronic Sciatica. <i>N Engl J Med</i> . 2017 Mar 23;376(12):1111-1120.
	Shoulder	OSS

	OSS	placebo-controlled, three-group, randomised surgical trial. <i>Lancet</i> . 2018 Jan 27;391(10118):329-338. Rangan et al. Surgical vs nonsurgical treatment of adults with displaced fractures of the proximal humerus: the PROFHER randomized clinical trial. <i>JAMA</i> . 2015 Mar 10;313(10):1037-47
Foot and ankle	VISA-A (a)	Bell et al. Impact of autologous blood injections in treatment of mid-portion Achilles tendinopathy: double blind randomised controlled trial. <i>BMJ</i> . 2013 Apr 18;346:f2310.
	LEFS	Bleakley et al. Effect of accelerated rehabilitation on function after ankle sprain: randomised controlled trial. <i>BMJ</i> . 2010 May 10;340:c1964.
	OMAS	Willet et al. Close Contact Casting vs Surgery for Initial Treatment of Unstable Ankle Fractures in Older Adults: A Randomized Clinical Trial. <i>JAMA</i> . 2016 Oct 11;316(14):1455-1463.
	VISA-A (b)	De Vos et al. Platelet-rich plasma injection for chronic Achilles tendinopathy: a randomized controlled trial. <i>JAMA</i> . 2010 Jan 13;303(2):144-9.
Elbow	VAS	Chesterton et al. Transcutaneous electrical nerve stimulation as adjunct to primary care management for tennis elbow: pragmatic randomised controlled trial (TATE trial). <i>BMJ</i> . 2013 Sep 2;347:f5160.
Trauma	DRI	Costa et al. Effect of Locking Plate Fixation vs Intramedullary Nail Fixation on 6-Month Disability Among Adults With Displaced Fracture of the Distal Tibia: The UK FixDT Randomized Clinical Trial. <i>JAMA</i> . 2017 Nov 14;318(18):1767-1776.
	SF-36 Physical component	Busse et al. Re-evaluation of low intensity pulsed ultrasound in treatment of tibial fractures (TRUST): randomized clinical trial. <i>BMJ</i> . 2016 Oct 25;355:i5351.

¹ Frobell et al. (*N Engl J Med* 2010; 363:331-342) used similar MCID reference and hence this reference was not used in our analysis.