

Table 1. Summary of Washington State Health Care Authority (HCA) orthopaedic/musculoskeletal health technology assessment (HTA) reports.

Report Number	Decision Date	Topic	Subtopic	RCTs	NDSIs	Meta-Analyses	Systematic Reviews	Highest Effectiveness	HTCC Vote	Covered Conditionally	Covered Unconditionally
								QoE	Not Covered		
1	31-Jan-25	Vertebroplasty, kyphoplasty, & sacroplasty	Vertebroplasty (VP)	26	2			2	7	3	0
			Kyphoplasty (KP)	6	0			1	8	2	0
			Sacroplasty (SP)	0	5			0	10	0	0
2	20-Sep-24	Knee chondral defects	OATS & OCA	5	10			1	0	7	0
			MACI	3	4			2	0	7	0
			Cell-free implants	1	0			2	7	0	0
			Autologous Matrix-Induced Chondrogenesis (AMIC)	1	0			1	7	0	0
			Failed Back Surgery Syndrome (FBSS)	6	5			2	4	5	0
3	17-May-24	Spinal cord stimulation	Non-Surgical Refractory Back Pain (NSRBP)	1	0			1	4	5	0
			Complex Regional Pain Syndrome	3	0			1	7	2	0
			Painful diabetic neuropathy	3	0			1	3	6	0
			Hyaluronic Acid (HA) - Knee osteoarthritis (OA)	32	0			2	9	0	0
4	21-Jul-23	Hyaluronic acid & platelet-rich plasma	Hyaluronic Acid (HA) - Knee/Hip osteoarthritis (OA)	4	0			1	5	4	0
			Platelet-Rich Plasma (PRP) - Knee osteoarthritis (OA)	35	0			2	9	0	0
			Platelet-Rich Plasma (PRP) - Hip osteoarthritis (OA)	0	0				9	0	0
			Sacroiliac joint fusion (Re-review)	2	7			2	10	0	0
6	12-Jun-20	Musculoskeletal stem cell therapy	Knee osteoarthritis (OA)	14	9			1	10	0	0
7	22-Nov-19	Femoroacetabular impingement		4	16			1	8	2	0
8	18-Jan-19	Sacroiliac joint fusion		2	6			2	11	0	0
9	18-Jan-19	Peripheral nerve ablation for limb pain	Knee	7	0			0	6	4	0
			Shoulder	4	0			0	10	0	0
			Plantar fasciitis	2	0			0	10	0	0
10	18-May-18	Oral anticoagulation pharmacogenetic testing		13	0			2	9	0	0
11	18-May-18	Lumbar radiculopathy/sciatica	Discectomy	7	0			1	1	8	0
			Microdiscectomy	3	0			0	1	8	0
			Minimally invasive surgery	10	0			2	8	1	0
12	17-Mar-17	Musculoskeletal extracorporeal shock wave therapy		61	0			3	8	0	0
13	20-Jan-17	Artificial disc replacement (ADR)	Lumbar ADR	5	1			1	10	0	0
			Cervical ADR	18	8			2	0	10	0
14	18-Nov-16	Negative pressure wound therapy	Chronic wounds/surgical wounds	5	7			1	0	10	0
15	20-May-16	Platelet-rich plasma/autologous blood injections		52	10			2	8	3	0
16	18-Mar-16	Spinal injections		75	0			2	0	11	0
17	20-Nov-15	Lumbar fusion for degenerative disc disease		5	0			2	10	1	0
18	21-Nov-14	Osteoporosis screening/monitoring	Screening for osteoporosis/low bone density	2	4			1	0	10	0
19	21-Mar-14	Facet neurectomy	Cervical spine - C ₃₄ to C ₆₇	1	0			0	4	7	0
			Thoracic spine	0	0				11	0	0
			Lumbar spine	11	5			1	4	7	0
20	15-Nov-13	Hip resurfacing		8	14			3	11	0	0
21	15-Nov-13	Hyaluronic acid		98	0	10		2	3	8	0
22	22-Mar-13	Cervical spine fusion for degenerative disc disease	Cervical spine fusion vs conservative care	14	7			2	0	10	0
23	16-Nov-12	Vitamin D screening/testing	Vitamin D Screening	97	0		6	2	0	11	0
24	16-Mar-12	Bone morphogenic proteins for spinal fusion	BMP-2 (InFUSE) lumbosacral spine fusion	9	10			3	0	8	0
			BMP-2 (InFUSE) cervical spine fusion	1	5			1	8	0	0
			BMP-7 (OP-1) lumbosacral spine fusion	5	0			3	8	0	0
			BMP-7 (OP-1) cervical spine fusion	0	0				8	0	0
25	18-Nov-11	Knee/Ankle chondral defects	OATS & OCA - Knee	5	9			0	0	10	0
			OATS & OCA - Ankle	0	1			0	7	3	0
26	16-Sep-11	Femoroacetabular impingement		0	5			0	>50%		
27	18-Mar-10	Vertebroplasty, kyphoplasty, & sacroplasty		5	18			1	>50%		

28	22-Oct-10	Knee arthroplasty - Navigation & UKAs	Computer-navigated total knee arthroplasty	15	13			3		>50%
			Unicompartmental knee arthroplasty (UKA)	1	14			2		>50%
			Bicompartmental UKAs	0	1			0	>50%	
29	20-Aug-10	Spinal cord stimulation	Spinal cord stimulation	6	2			2	>50%	
30	30-Oct-09	Electrical neural stimulation	Transcutaneous electrical nerve stimulation (TENS)	12	0			2	>50%	
31	28-Aug-09	Bone growth stimulators	Electrical non-invasive & invasive stimulators		3	1	3	1		>50%
			Ultrasonic stimulators	1	3	1	1	1		>50%
32	17-Oct-08	Artificial disc replacement	Lumbar artificial disc replacement (ADR)					11		>50%
			Cervical artificial disc replacement (ADR)					6		>50%
33	15-Aug-08	Arthroscopic surgery for knee osteoarthritis		1	0		1	2	>50%	
34	15-Feb-08	Discography		0	5			2	>50%	
35	18-May-07	Upright/positional MRI		0	7			2	>50%	

QoE - Quality of Evidence

OATS - Osteochondral Autologous Transfer System

OCA - OsteoChondral Allograft

MACI - Matrix-induced Autologous Chondrocyte Implantation (MACI)