

**Table i.** Final health research agenda.

Evidence uncertainty*	Subspecialty	Median	Range	Min	Max	% of participants that gave $\geq$ median
What is the value-added of AI decision support in making choices within osteoarthritis care?	Artificial intelligence	5.0	5.0	2.0	7.0	55.0
What is the comparative cost-effectiveness of denervation and trapeziectomy with or without ligament reconstruction for adult patients with failed conservative management of carpometacarpal (CMC-1) osteoarthritis?	Hand and wrist	6.0	6.0	1.0	7.0	57.1
Which preoperative risk factors for mortality and functional loss should be assessed in patients with proximal femoral fractures?	Hip	6.0	5.0	1.0	6.0	58.3
What are the optimal diagnostic and treatment approaches for children with residual hip dysplasia over the age of 1 year, considering the radiological aspects of the hip at the end of growth?	Paediatric orthopaedics	5.5	4.0	3.0	7.0	80.0
Which patient characteristics are predictive of the outcome of osteotomy in patients with	Knee	6.0	6.0	1.0	7.0	53.1

unicompartmental osteoarthritis?						
What are the differences between exercise therapy alone and exercise therapy combined with taping, bracing, and insoles for the treatment of patellofemoral pain syndrome?	Sports orthopaedics	5.0	5.0	1.0	6.0	63.3
What is the preferred duration of immobilization for a dislocated and repositioned distal radius fracture, 4 weeks or 6 weeks?	Trauma	5.0	6.0	1.0	7.0	59.4
What is the comparative effectiveness of arthroscopic joint irrigation and joint puncture in patients with septic arthritis?	Orthopaedic infections	6.0	5.0	2.0	7.0	70.0
What is the preferred treatment for patients with an irreparable massive rotator cuff tear (MRT) in patients aged 65 and younger?	Shoulder and elbow	5.0	6.0	1.0	7.0	58.1
What (individual) patient characteristics are associated with unsuccessful surgical treatment of hallux valgus (including models for clinical decision-making)?	Foot and ankle	5.0	6.0	1.0	7.0	59.4
What is the effectiveness of lumbar spondylosis compared to conservative management in patients with chronic low back pain? Does spinal surgery result in less pain and improved functional outcome in patients with spinal stenosis and radicular complaints?	Spine	5.0	5.0	1.0	6.0	62.5
How can we evaluate and quantify the social	Other, prioritized after the patient focus group	6.0	5.0	2.0	7.0	66.7

impact of orthopaedic treatments?						
-----------------------------------	--	--	--	--	--	--

\*No ranking, number 1 ranked per subspeciality based on Delphi study, finalized by a patient focus group.