

Interests Register

Joint replacement (primary): hip, knee and shoulder Advisory Committee

Publication Date: 19/03/2020

Name	Role with NICE	Type of interest	Description of interest	Relevant dates			Comments
				Interest arose	Interest declared	Interest ceased	
Adam Firth	Guideline committee chair - GP	Direct financial	Self-employed as a GP Principal at Bracondale Medical Centre.	July 2013	On application	—	Non-specific. Declare and participate
		Direct financial	Primary Care Medical Educator, responsible for a group of 30 GPs in Stockport. I deliver education on all aspects of General Practice in a post funded by Health Education North West	August 2014	On application	—	Non-specific. Declare and participate
		Direct financial	Receive royalties (<£1,000 per year) from 'Get Through MRCGP Clinical Skills Assessment'(educational book for GPs in training which seeks to help them to pass training exams)	September 2012	On application	—	Non-specific. Declare and participate
		Indirect non-financial	My wife is employed in an NHS trust as a Highly Specialist Physiotherapist in Chronic Pain	March 2008	On application	—	Non-specific. Declare and participate

		Direct financial	I sit on the Editorial Board of the British Journal of General Practice and receive travel expenses from the Royal College of General Practitioners (RCGP) in relation to this.	October 2010	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	I am a member of the RCGP, SAPC (Society of Academic Primary Care)	August 2009	On application	—	Non-specific. Declare and participate
Paul Baker	Guideline committee member – orthopaedic consultant	Direct financial	One-off speaker fee for speaking at meetings arranged by Stryker Ltd (implant manufacturer) – No on-going consultancy arrangement	01/2015; 05/2016	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Factors Influencing patient experience and satisfaction following surgical management of ankle fractures. Ashton F, Hamid K, Sulieman S, Eardley W, Baker P. Injury 2017;48(4):960-965.	2017	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Predictors of direct home discharge following fractured neck of femur. Salar O, Baker P, Forward D, Ollivere B, Weerasuriya N, Moppett I, Moran C. Ann R Coll Surg Engl. 2017;99(6):444-451.	2017	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	The use of a validated pre-discharge questionnaire to improve the quality of patient experience of orthopaedic care. Baker P, Tytler B, Artley A, Hamid K, Paul R, Eardley W BMJ Qual Improv Report	2017	On application	—	Non-specific. Declare and participate

	2017;6: u212876.w5262.				
Direct non-financial. Professional and personal	The use of foot pumps compression devices in the perioperative management of ankle fractures: Systematic review of the current literature. Clarkson R, Mahmoud S, Rangan A, Eardley W, Baker P. Foot (Edinb) 2017;31:61-66.	2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Risk Factors for Mixed Genus Infection in 579 Primary Hip and Knee Arthroplasty Revised for Periprosthetic Infection: A Study Using the National Joint Registry Dataset Review Holleyman R, Deehan D, Charlett A, Gould K, Baker P. Recent Adv Arthroplast 2017;1(1):9-15	2017	On application	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Critical care admission following elective surgery was not associated with survival benefit: prospective analysis of data from 27 countries. Baker P as part of the International Surgical Outcomes Study (ISOS) group. Intensive Care Med 2017;43(7):971-979.	2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Intraoperative complications during revision shoulder arthroplasty: a study using the National Joint Registry dataset. Ingoe H, Holland P, Cowling P, Kottam L, Baker P, Rangan A. Journal of Shoulder and Elbow Surgery 2017;9(2):92-99.	2017	On application	—	Non-specific. Declare and participate
Direct non-financial.	Risk factors associated with intraoperative complications in primary shoulder	2017	On application	—	Specific. Declare and

Professional and personal	arthroplasty: A study using the England, Wales and Northern Ireland National Joint Registry dataset. Cowling P, Holland P, Kottam K, Baker P, Rangan A. Acta Orthopaedica 2017;88(x):xx-xx (OPEN ACCESS)				participate
Direct non-financial. Professional and personal	Departmental research funding from Depuy Attune revision knee system cohort studies: (1) revision knee patients (2) complex primary knee replacement when a revision knee system might be needed. I do not receive any monies directly from this study and all monies go to supporting the local research department.	2017	06/04/2018	2019 (expected)	Non-specific. Declare and participate
Indirect financial	Departmental research funding from Stryker Exeter short stem hip replacement study. I do not receive any monies directly from this study and all monies go to supporting the local research department.	2014	06/04/2018	2024 (expected)	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I am involved with an ongoing National Joint Registry (NJR) research request related to hip and knee replacement	2012	06/04/2018	Ongoing	Non-specific. Declare and participate
Direct non-financial. Professional and personal	NJR research request regarding failure rates of knee replacements	2018	06/04/2018	—	Non-specific. Declare and participate
Direct non-financial.	I am the Orthopaedic research lead within the Local Clinical Research Network in the	2017	06/04/2018	—	Non-specific.

Professional and personal	North East and North Cumbria.				Declare and participate
Direct non-financial. Professional and personal	I am the chief investigator for the NIHR HTA funded OPAL study (Occupational advice for Patients undergoing Arthroplasty of the Lower limb). This aims to develop an intervention to help people return to work and usual activities after hip and knee replacement.	2016	06/04/2018	2019 (expected)	Specific. Declare and participate
Direct non-financial. Professional and personal	Appointed as Director of Research & Innovation for South Tees NHS Trust for a 3-year post. Facilitating internal R&I strategic delivery and development of DTVRA (Durham and Tees Valley research alliance)	01/0/2019	30/11/2018	01/01/2022	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Asked to join Data and Safety Management Committee for PEP-TALK. Toby Smith CI, NIHR RfPB funded. PEP-TALK: a randomised controlled trial investigating a behaviour-change intervention with physiotherapy to increase physical activity for people following hip or knee replacements - ISRCTN29770908	25/11/2018	30/11/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Prehabilitation work stream for Middlesbrough, Cleveland and Redcar CCG local pilot (Sport England Funded). I have been asked to join the working group for a prehabilitation work stream for a local CCG project. The CCGs have secured funding from sport England to develop a	15/11/2018	30/11/2018	Expected 2023	Non-specific. Declare and participate

	local delivery pilot centred on increasing physical activity in the local community. The work stream I am involved in focuses on prehabilitation and using the teachable moment of surgery as a mechanism to change behaviour and improve physical activity prior to and after surgery.				
Direct non-financial. Professional and personal	Speaking at houses of parliament health round table group - Arthritis Musculoskeletal Alliance vs arthritis patient group.	February 2019	22/02/19	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Presentation at the British Hip Society (BHS) – Podium presentation of work done in our department with a web-based platform to deliver peri-operative education and support for hip and knee replacement patients.	February 2019	February 2019	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Presentation at the British Association for Surgery of the Knee – Poster presentation of work done in our department with a web-based platform to deliver peri-operative education and support for hip and knee replacement patients.	February 2019	February 2019	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Appointed to the NIHR HTA Prioritisation Committee: Hospital Based Care from July 2019 to 2022	July 2019	July 2019	2022	Non-specific. Declare and participate
Direct non-financial.	Appointed as Royal College of Surgeons speciality lead for orthopaedics	December 2019	05/12/19		Non-specific.

		Professional and personal					Declare and participate
Sinead Clarke	Guideline committee member - commissioner	Indirect non-financial	Clinical Director South Cheshire and Vale Royal CCGs. We commission a company called Medefer who provide advice and guidance for our GPs on areas including orthopaedics.	05/2018	At interview	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	In June 2018, I will be doing a joint presentation with Medefer on the benefits of advice and guidance for GPs.	06/2018	At interview	06/2018	Non-specific. Declare and participate
Ananth Ebinesan	Guideline committee member – orthopaedic surgeon	Direct non-financial. Professional and personal	How I...Manage First Time Traumatic Anterior Shoulder Dislocation. P Brownson, KS Mangat, AD Ebinesan. Journal of Trauma and Orthopaedics 2017; 5 (1): 28	2017	On application	—	Non-specific. Declare and participate
Jean Elgie	Guideline committee member - lay member		Nil return.	—	30/11/2018	—	Non-specific. Declare and participate
Richard Griffiths	Guideline committee member - anaesthetist	Direct financial	I do a small amount of private practice annually working directly with 1 knee surgeon. I am an independent contractor and receive funding directly from the NHS or the insurance company. For example, in 2017, I did the following anaesthesia in an independent hospital, Ramsay Fitzwilliam in Peterborough. I worked 25 sessions. A session is 3.5 hours, so either a morning	2014	At interview	—	Specific. Declare and participate

			or an afternoon. During those sessions, I anaesthetised 29 knee replacements. Of those, 17 were NHS patients and 12 were insured. There were 4 hip replacements, and 2 were NHS the other 2 were insured.				
		Direct non-financial. Professional and personal	I am in the process of publishing a paper on the Analysis of Periprosthetic fractures in England. It covers hip, knee and shoulders, but mainly covers the hip and knee. It has not been published yet.	02/2018	07/09/2018	—	Non-specific. Declare and participate
Anju Jaggi	Guideline committee member – physio-therapist	Direct non-financial. Professional and personal	Hopewell S, Keene D, Schluskel MM, Dritsaki M, Dutton S, Carr A, Hamilton W, Hansen Z, Jaggi A, Littlewood C, Soutakber H, Heine P, Cureton L, Barker K, Lamb S. Clinical and cost-effectiveness of progressive exercise compared with best practice advice, with or without corticosteroid injection, for the treatment of rotator cuff disorders: protocol for a 2x2 factorial randomised controlled trial (the GRASP trial). BMJ Open 2017;7:1-10.	2017	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Jaggi A, Alexander S. Rehabilitation for Shoulder Instability – current approaches. The Open Orthopaedics Journal 2017;11:957-971.	2017	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Gilbert A, Jaggi A, May C. What is the patient acceptability of real time 1:1 videoconferencing in an orthopaedics setting? A systematic review and meta-synthesis of qualitative studies.	2018	On application	—	Non-specific. Declare and participate

	Physiotherapy 2018				
Direct financial	A Jaggi Physio Consultancy Ltd. I provide 1-2 day courses on management of shoulder dysfunction to physiotherapists provided independently or through companies that provide education and training in the UK and Europe	2013	26/04/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Honorary Clinical Lecturer and Module Lead for UCL MSc Physical Therapy in Musculoskeletal Rehabilitation	09/2016	26/04/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Current Deputy Director of Allied Health Professionals (AHP) R&D Royal National Orthopaedic Hospital Trust (RNOHT)	2017	26/04/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Gilbert A, Jaggi A, May C. "What is the acceptability of real time 1:1 videoconferencing (VC) between clinicians and patients for a follow-up consultation for multi-directional shoulder instability?" Submitted for publication Shoulder & Elbow	2018	26/04/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Gilbert A, Hauptmannova H, Jaggi A. The use of assistive technology in shoulder exercise rehabilitation? a qualitative study of acceptability within a pilot project BMC Musculoskeletal Disorders 2018	2018	26/04/ 2018	—	Non-specific. Declare and participate
Direct non-	I am a member of the Trials Committee for	01/2018	26/04/2018	—	Non-

		financial. Professional and personal	NIHR PROximal Fracture of the Humerus: Evaluation by Randomisation (ProFHER) 2 trial				specific. Declare and participate
		Indirect non-financial	Brother-in-law developing an exercise app to facilitate rehabilitation. Initial usability study will be carried out by a UCL MSc Student, with RNOH as the sponsor.	07/05/2018	15/06/2018	07/2018	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Successful application between RNOHT, academic and commercial partner in gaining a SBRI MSK grant to trial a physiotherapy exercise application. Usability study to assess patients and clinicians experience of using the technology when receiving rehabilitation following injury or surgery such as joint replacement	18/11/18	30/11/2018	—	Non-specific. Declare and participate
Carol Lawson	Guideline committee member - lay member		Nil return.	—	—	—	—
Katherine Marks	Guideline committee member - orthopaedic nurse	Direct non-financial. Professional and personal	One day per week secondment as a surgery division junior research nurse fellow at Nottingham University Hospitals NHS Trust. This may involve work on the Perioperative Quality Improvement Programme: Patient study, sponsored by University College London	04/04/2018	06/04/2018	04/10/2018	Non-specific. Declare and participate
		Direct non-financial.	One day per week secondment as a surgery division junior research nurse	04/04/2018	06/04/2018	04/10/2018	Non-specific.

	Professional and personal	fellow at Nottingham University Hospitals NHS Trust. This may involve work on a randomised controlled trial comparing laparoscopic cholecystectomy with observation/conservative management for preventing recurrent symptoms and complications in adults with uncomplicated symptomatic gallstones (C-Gall trial) funded by the NIHR Health Technology Assessment Programme				Declare and participate
	Direct non-financial. Professional and personal	One day per week secondment as a surgery division junior research nurse fellow at Nottingham University Hospitals NHS Trust. This may involve work on the ROMIO study – randomised oesophagostomy: minimally invasive or open. Sponsored by University Hospitals Bristol NHS Foundation Trust.	05/04/2018	06/04/2018	—	Non-specific. Declare and participate
	Direct non-financial. Professional and personal	One day per week secondment as a surgery division junior research nurse fellow at Nottingham University Hospitals NHS Trust. This may involve work on the impact of postoperative packing of perianal abscess cavities: a multicentre randomised controlled trial (PPAC2). Sponsored by Manchester University NHS Foundation Trust.	05/04/2018	06/04/2018	—	Non-specific. Declare and participate
	Direct non-financial. Professional and personal	One day a week research nurse fellowship that will potentially be involved in / recruiting patients into the OPAL study – which relates to ‘occupational advice for	12/06/2018	15/06/2018	—	Non-specific. Declare and participate

			patients undergoing lower limb arthroplasty’.				
		Direct non-financial. Professional and personal	Involvement in the early stages of ‘Using patient and staff experience to improve the safety and acceptability of anti-embolism stockings in acute care’ research. IRAS project ID 224984	10/2018	30/11/2018	—	Non-specific. Declare and participate
Andrew Metcalfe	Guideline committee member – orthopaedic surgeon	Direct non-financial. Professional and personal	I have a research post (50% academic) which includes academic work-streams involving joint replacement, mostly funded by NIHR.	2000	On application	—	Specific. Declare and participate
		Direct non-financial. Professional and personal	I have no research funding from any company that produces joint replacements; however, I am chief investigator for an NIHR-funded trial (NIHR EME, £932K, START: REACTS in final contract negotiations) that an orthopaedic device company, Orthospace, agreed to fund some devices (Inspace shoulder balloons, approx. total value £62K). Orthospace do not make anything used in joint replacement surgery.	2017	On application	—	Non-specific. Declare and participate
		Direct financial	Our NHS trust uses products from ZimmerBiomet and Corin, and we receive advice and training from these companies, either ad-hoc in theatre during cases or on courses (I have attended cadaveric courses in Bristol, Coventry and Paris), which sometimes include accommodation and travel at subsidised rates. I have also	07/2015	On application	—	Non-specific. Declare and participate

	organised courses (such as the Warwick Orthopaedics Sports Knee Course) which have received sponsorship from multiple orthopaedic companies, including all of the commonly used brands in the UK.				
Direct non-financial. Professional and personal	Wall PDH, Ahmed I, Metcalfe A, Price A, Seers K, Hutchinson CE, Parsons H, Warwick J, Underwood M on behalf of the SAFE-TKR Study group. Safety and feasibility evaluation of tourniquets for total knee replacement (SAFE- TKR): study protocol. Submitted to BMJ Open 2018	2018	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Lewis TL, Furness HN, Miller GW, Parsons N, Seers K, Underwood M, Metcalfe A. Protocol for a qualitative systematic review examining surgeon views regarding the adoption of a novel surgical innovation into clinical practice. BMJ Open 2018 (In Press)	2018	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Moiz M, Smith N, Smith TO, Chawla A, Metcalfe A. Clinical outcomes following non-operative management of lateral patellar dislocation: a systematic review. Submitted to Orthopaedic Journal of Sports Medicine. 2017.	2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Kahal H, Kyrou I, Uthman OA, Brown A, Johnson S, Wall P, Metcalfe A, Tahrani AA, Randeve HS The Prevalence of Obstructive Sleep Apnoea in women with Polycystic Ovary Syndrome: a Systematic	2017	On application	—	Non-specific. Declare and participate

	Review and Meta-analysis. Submitted to Sleep 2017.				
Direct non-financial. Professional and personal	Khatri C, Ahmed I, Parsons H, Smith N, Lawrence T, Modi C, Drew S, Parsons N, Underwood M, Metcalfe A. The Natural History of Full Thickness Rotator Cuff Tears in Randomised Controlled Trials: A Systematic Review & Meta-Analysis. Resubmitted to American Journal of Sports Medicine. 2017.	2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Kemp M, Metcalfe A, Sayers A, Wylde V, Eldridge J, Blom A. Does overstuffing of the patellofemoral joint in total knee arthroplasty have a significant effect on postoperative outcomes? Submitted to the Knee 2017.	2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Smith NA, Parsons N, Wright D, Hutchinson C, Metcalfe A, Thompson P, Costa ML, Spalding T. A pilot randomized trial of meniscal allograft transplantation versus personalized physiotherapy for patients with a symptomatic meniscal deficient knee compartment. Bone Joint J. 2018 Jan;100-B(1):56-63.	2018	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Ahmed I, Price A, Metcalfe A, Hutchinson C, Warwick J, Underwood M, Seers K, Hobson R, Parsons H, Wall P. Protocol: Tourniquet use of total knee replacement surgery. Cochrane Database of Systematic Reviews. 2017	2017	On application	—	Non-specific. Declare and participate

Direct non-financial. Professional and personal	Metcalfe A, Stewart C, Postans N, Biggs P, Whatling G, Holt C, Roberts A. Abnormal loading and functional deficits are present in both limbs before and after unilateral knee arthroplasty. Gait and Posture 2017 Jun;55:109-115	2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Mistry H, Connock M, Pink J, Shyangdan D, Clar C, Crowther M, Royle P, Court R, Biant L, Metcalfe A, Waugh N. Autologous chondrocyte implantation in the knee: systematic review and economic analysis. Health Technology Assessment. 21(6) ISSN1366-5278, 2017	2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I have recently become the Secretary of a newly formed 'British Patellofemoral Society', a non-profit society aiming to improve education, research and training related to the patellofemoral joint. This will include developing clinical guidance on the management of the patellofemoral joint (most of which is non-arthroplasty, but arthroplasty will also feature). Where arthroplasty is concerned, it has been agreed that the group will await the outcome from this NICE process.	21/03/2018	06/04/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	My research group plans to submit a revised application to NIHR HTA for the question 'For primary shoulder osteoarthritis, is reverse total shoulder or anatomic total shoulder replacement more	11/2016	26/04/2018	—	Specific. Declare and participate

	clinically- and cost-effective?' This question is similar to one of the review questions for the joint replacement guideline.				
Direct non-financial. Professional and personal	I am part of the study team for a Cochrane review on Periarticular analgesia for postoperative pain following total knee replacement.	07/2018	20/07/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I am part of the study team for a Cochrane Cochrane review on Periarticular analgesia for postoperative pain following total hip replacement.	07/2018	20/07/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Part of study team for RCT investigating local periarticular infiltration versus femoral nerve block in total knee arthroplasty	07/2018	20/07/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I am a co-applicant on a recent successful £1.8M NIHR grant for Leeds CTU (pending negotiations) comparing total knee replacement to joint distraction with an external fixator. This in related to the overall topic but is not directly relevant to any of the decisions that are within the scope of the guideline.	10/2018	19/10/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I have been involved with discussions around a grant application (we have made previous unsuccessful applications before) related to whether surgeons should use reverse or anatomic total shoulder	10/2018	19/10/2018	—	Specific. Declare and participate

			replacements for people with shoulder OA and an intact rotator cuff. We are currently undertaking a survey through BESS on this question. We do not have a current application in place on this and do not have current funding related to this question.				
		Direct non-financial. Professional and personal	Department received a grant of £1.6m for a study on the use of robotics in total hip replacement.	12/2019	06/12/2019		Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Author on a Cochrane review investigating the use or tourniquets in knee replacement	12/2019	06/12/2019		Non-specific. Declare and participate
Lauren Porter	Guideline committee member - occupational therapist	Direct financial	Member of the National Executive Committee for the Royal College of Occupational Therapists Specialist Section for Trauma and Orthopaedics (RCOTSSTO) – Wales representative. Remuneration of reasonable travel expenses received in completion of duties.	2008	06/04/2018	Ongoing	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Currently undertaking dissertation research project for MSc Advanced Clinical Practice entitled “An investigation of the service user’s experience of implementing hip precautions following total hip replacement surgery” (Glyndwr University)	09/2017	06/04/2018	Ongoing	Specific. Declare and participate

		Direct financial	Project lead for the development of the Royal College of Occupational Therapists practice guideline “Occupational therapy for adults undergoing total hip replacement” (1st Ed). Remuneration of reasonable travel expenses received in completion of duties.	2009	06/04/2018	2012	Specific. Declare and participate
		Direct financial	Project lead and co-editor for the development of the Royal College of Occupational Therapists practice guideline “Occupational therapy for adults undergoing total hip replacement (2nd Ed).” Remuneration of reasonable travel expenses received in completion of duties.	2015	06/04/2018	2017	Specific. Declare and participate
		Direct financial	Current clinical position (Trauma and Orthopaedic occupational therapist – Betsi Cadwaladr University Health Board).	09/2007	06/04/2018	—	Non-specific. Declare and participate
Jonathan Rees	Guideline committee member - orthopaedic surgeon	Direct non-financial	I supervise a student who has received grant funding from the Royal College of Surgeons and National Joint Register for a DPhil.	01/2017	On application	—	Non-specific. Declare and participate
		Direct financial	I am a shareholder and Non-Exec Director in a recent university spin out software company called PRO-MAPP Ltd. This	03/2017	On application	—	Non-specific. Declare and

	company provides patient management software solutions and PROMs surveillance methods to monitor patient outcomes.				participate
Direct financial	I hold a full time academic post as Professor at University of Oxford	2004	06/04/2018	—	Non-specific. Declare and participate
Direct non-financial	I write the annual NJR shoulder report	2015	06/04/2018	—	Non-specific. Declare and participate
Direct financial	I have sat on BESS Council since 2012 and receive travel expenses only	2012	06/04/2018	—	Specific. Declare and participate
Direct financial	I sit on the NJR Editorial Board and the NJR Implant Scrutiny Group. I receive travel expenses only.	2016	06/04/2018	—	Specific. Declare and participate
Direct non-financial	I advise the MHRA on shoulder and elbow implants problems.	2017	06/04/2018	—	Specific. Declare and participate
Direct financial	I have sat on the ODEP for Shoulder Replacements. I only receive travel expenses.	2017	06/04/2018	—	Specific. Declare and participate
Direct non-financial. Professional	International variation in shoulder arthroplasty: Analysis of incidence, disease indication, type of procedure, and	2017	06/04/2018	—	Non-specific. Declare and

and personal	outcomes evaluation from nine countries. A Lübbecke, J L Rees, C Barea, C Combescure, A Carr, A Silman. Acta Orthopaedica Acta Orthop. 2017 Sep 7:1-10.				participate
Direct non-financial. Professional and personal	BESS/BOA Patient Care Pathways for Glenohumeral Osteoarthritis. M Thomas, A Bidwai, A Rangan, J L Rees, P Brownson, D Tennent, C Connor, R Kulkarni. Shoulder & Elbow 2016 Jul;8(3):203-14	2016	06/04/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I will begin to see the literature searches and evidence for a Cochrane review on shoulder replacement for osteoarthritis and cuff tear arthropathy. I will be a lead author on this review. Protocol: https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012879	01/2018	07/09/2018	—	Specific. Only protocol published to date. Declare and participate
Direct non-financial. Professional and personal	I am writing a paper on revision risk after shoulder replacement using HES data.	07/2018	07/09/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Giving an instructional course lecture on age-linked revision risk after shoulder replacements at a European Conference in September 2018	05/2018	07/09/2018	09/2018	Non-specific. Declare and participate
Direct non-financial. Professional	Invited faculty at SECEC 2018 – European Shoulder and Elbow Society – spoke on NJR shoulder data	09/2018	05/07/2019	—	Non-specific. Declare and

		and personal					participate
		Direct non-financial. Professional and personal	Publication BMJ Scientific Paper being published week commencing Feb 12th 2019. Serious adverse events and lifetime risk of reoperation after elective shoulder replacement: population based cohort study using hospital episode statistics for England.	02/2019	05/07/2019	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	I will be presenting a shoulder arthroplasty registry talk at SECEC in August 2019.	08/2019	05/07/2019	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	I will be presenting a shoulder arthroplasty registry talk at ICSES (International Shoulder S Congress) Argentina Sept 2019.	09/2019	05/07/2019	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	I have been appointed to a NICE Fellowship starting 2019	01/2019	05/07/2019	—	Non-specific. Declare and participate
John Skinner	Guideline committee member - orthopaedic surgeon	Direct financial	I am a director of the London Implant Retrieval Centre (LIRC). The LIRC has received Institutional Research Funding from all manufacturers of metal-on-metal hips: Smith & Nephew, Matthys, Finsbury, Zimmer Biomet, Stryker, Depuy, Corin. This funding was initially received under an umbrella grant via the ABHI when the problems with metal bearings were	01/11/2012	On application	31/07/2016	Non-specific. Declare and participate

		discovered but not understood.				
	Direct non-financial. Professional and personal	Effect of Bearing Type on Taper Material Loss in Hips From 1 Manufacturer. Hothi HS; Eskelinen AP; Henckel J; Kwon YM; Blunn GW; Skinner JA; Hart AJ. Journal of Arthroplasty. 2017 Dec 29.	29/12/2017	On application	—	Non-specific. Declare and participate
	Direct non-financial. Professional and personal	Effect of impact assembly on the interface deformation and fretting corrosion of modular hip tapers: An in vitro study. Panagiotidou A; Cobb T; Meswania J; Skinner J; Hart A; Haddad F; Blunn G. Journal of Orthopaedic Research. 2017 May 09.	09/05/2017	On application	—	Non-specific. Declare and participate
	Direct non-financial. Professional and personal	Inflammatory cell-induced corrosion in total knee arthroplasty: A retrieval study. Cerquiglini A; Henckel J; Hothi HS; Di Laura A; Skinner JA; Hart AJ. Journal of Biomedical Materials Research. Part B, Applied Biomaterials. 106(1):460-467, 2018 Jan.	01/2018	On application	—	Non-specific. Declare and participate
	Direct non-financial. Professional and personal	A new year, but the spectre of metal-on-metal lives on. Skinner JA; Haddad FS. Bone & Joint Journal. 100-B(1):1-3, 2018 Jan.	01/2018	On application	—	Non-specific. Declare and participate
	Direct non-financial. Professional and personal	The Chemical Form of Metal Species Released from Corroded Taper Junctions of Hip Implants: Synchrotron Analysis of Patient Tissue. Di Laura A; Quinn PD; Panagiotopoulou VC; Hothi HS; Henckel J;	08/09/2017	On application	—	Specific. Declare and participate

	Powell JJ; Berisha F; Amary F; Mosselmans JFW; Skinner JA; Hart AJ. Scientific Reports. 7(1):10952, 2017 Sep 08.				
Direct non-financial. Professional and personal	Ceramics in total hip arthroplasty: a bearing solution?. Skinner JA; Haddad FS. Bone & Joint Journal. 99-B(8):993-995, 2017 Aug.	08/2017	On application	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Retrieval evidence of impingement at the third articulation in contemporary dual mobility cups for total hip arthroplasty. Di Laura A; Hothi HS; Henckel J; Cerquiglini A; Liow MHL; Kwon YM; Skinner JA; Hart AJ. International Orthopaedics. 41(12):2495-2501, 2017 Dec.	12/2017	On application	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Retrieval analysis of metal and ceramic femoral heads on a single CoCr stem design. Di Laura A; Hothi H; Henckel J; Swiatkowska I; Liow MHL; Kwon YM; Skinner JA; Hart AJ. Bone & Joint Research. 6(5):345-350, 2017 May.	05/2017	On application	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Clinically insignificant trunnionosis in large-diameter metal-on-polyethylene total hip arthroplasty. Hothi HS; Kendoff D; Lausmann C; Henckel J; Gehrke T; Skinner J; Hart A. Bone & Joint Research. 6(1):52-56, 2017 Jan.	01/2017	On application	—	Non-specific. Declare and participate
Direct non-financial.	Retrieval analysis of ceramic-coated metal-on-polyethylene total hip	06/2017	On application	—	Specific. Declare and

Professional and personal	replacements. Khatkar H; Hothi H; de Villiers D; Lausmann C; Kendoff D; Gehrke T; Skinner J; Hart A. International Orthopaedics. 41(6):1101-1105, 2017 Jun.				participate
Direct non-financial. Professional and personal	Detection of incorrect manufacturer labelling of hip components. Durand-Hill M; Henckel J; Burwell M; Skinner J; Hart A. Skeletal Radiology. 46(1):105-109, 2017 Jan.	01/2017	On application	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Wear of dual-mobility cups: a review article. [Review] Laura AD; Hothi H; Battisti C; Cerquiglini A; Henckel J; Skinner J; Hart A. International Orthopaedics. 41(3):625-633, 2017 Mar.	03/2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	The risk of cardiac failure following metal-on-metal hip arthroplasty. Sabah SA; Moon JC; Jenkins-Jones S; Morgan CL; Currie CJ; Wilkinson JM; Porter M; Captur G; Henckel J; Chaturvedi N; Kay P; Skinner JA; Hart AH; Manisty C. Bone & Joint Journal. 100-B(1):20-27, 2018 Jan.	01/2018	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Assessing for Cardiotoxicity from Metal-on-Metal Hip Implants with Advanced Multimodality Imaging Techniques. Berber R; Abdel-Gadir A; Rosmini S; Captur G; Nordin S; Culotta V; Palla L; Kellman P; Lloyd GW; Skinner JA; Moon JC; Manisty C; Hart AJ. Journal of Bone & Joint Surgery - American Volume. 99(21):1827-1835, 2017 Nov 01.	01/11/2017	On application	—	Non-specific. Declare and participate

Direct non-financial. Professional and personal	Clinical Cold Welding of the Modular Total Hip Arthroplasty Prosthesis. Whittaker RK; Zaghloul AM; Hothi HS; Siddiqui IA; Blunn GW; Skinner JA; Hart AJ. Journal of Arthroplasty. 32(2):610-615, 2017 02.	02/2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Fretting and Corrosion Between a Metal Shell and Metal Liner May Explain the High Rate of Failure of R3 Modular Metal-on-Metal Hips. Ilo KC; Derby EJ; Whittaker RK; Blunn GW; Skinner JA; Hart AJ. Journal of Arthroplasty. 32(5):1679-1683, 2017 05.	05/2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Variation in taper surface roughness for a single design effects the wear rate in total hip arthroplasty. Whittaker RK; Hothi HS; Eskelinen A; Blunn GW; Skinner JA; Hart AJ. Journal of Orthopaedic Research. 35(8):1784-1792, 2017 08.	08/2017	On application	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Invited lecturer as faculty at the British Hip Society Meeting. Presentation: 'Rationing in Orthopaedics. What is happening in 2018? Does it make sense?' No payment was received.	03/2018	06/04/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Presented 'Rationing in Orthopaedics. What is happening in 2018? Does it make sense?' at the London Hip Meeting. No payment was received.	04/2018	06/04/2018	—	Specific. Declare and participate
Direct non-financial.	Elected Member of Council of the British	2015	26/04/2018	—	Non-specific.

Professional and personal	Orthopaedic Association				Declare and participate
Direct non-financial. Professional and personal	Elected Treasurer of the Council of the British Orthopaedic Association	2017	26/04/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Member of the Editorial Board of the Bone and Joint Journal	2016	26/04/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Interviewed on BBC Radio 2 The Jeremy Vine Show regarding hip replacements for the NHS 70 th Birthday show.	03/07/2018	20/07/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I am giving a talk at the upcoming British Hip Society session for 'Commissioning Hip Surgery in the UK: Where are we in 2018?' at the British Orthopaedic Association meeting in Birmingham at the end of September called: 'How can we show we are as good as we say we are?'	09/2018	07/09/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I am giving a talk at the upcoming British Hip Society session for 'Commissioning Hip Surgery in the UK: Where are we in 2018?' at the British Orthopaedic Association meeting in Birmingham at the end of September called on the first total hip replacement in the world.	09/2018	07/09/2018	—	Non-specific. Declare and participate

Direct non-financial. Professional and personal	I am giving a talk at the upcoming British Hip Society session for 'Commissioning Hip Surgery in the UK: Where are we in 2018?' at the British Orthopaedic Association meeting in Birmingham at the end of September called: 'Rationing in Orthopaedics. What is happening in 2018? Does it make sense?'	09/2018	07/09/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Became a Trustee of the Arthritis and Musculoskeletal Alliance	18/10/18	19/10/18	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I attended the Evidence Based Interventions Consultation Meeting Chaired by Steve Powis Medical Director NHS England. Cobadged by NHSE, NHSCC, NHSI, NICE, AMRoC. 17 procedures discussed. 1 on shoulder and 1 on knee. None related to joint replacement.	17/10/18	19/10/18	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	I coordinated a response to an article in the Daily Telegraph called, 'Antibiotic-resistant superbugs creating deadly risks for hip and knee operations'. The response, 'Preventing infection', was published as a letter in the Telegraph on 27 October 2018, co-signed by the Presidents of BASK, the BHS, the BOA and me.	27/10/18	30/11/2018	—	Specific. Declare and participate.

		Direct non-financial. Professional and personal	Successful application between RNOHT, academic and commercial partner in gaining a SBRI MSK grant to trial a physiotherapy exercise application. Usability study to assess patients and clinicians experience of using the technology when receiving rehabilitation following injury or surgery such as joint replacement.	30/11/2018	30/11/2018	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Submitted Cochrane review for shoulder arthroplasty	TBC	TBC	—	Non-specific. Declare and participate
Toby Smith	Guideline committee member – physiotherapist	Direct financial	Co-applicant on a clinical trial funded by Smith and Nephew - Performance and functional ability after insertion of the Journey II Bi-Cruciate Stabilised Knee System compared with the Genesis II prosthesis. Smith and Nephew UK. £691.734.53 (Role: Co-applicant; CI: Professor Iain McNamara, Norfolk and Norwich University Hospital, Norwich-UEA).	01/11/2017	On application	01/11/2020 (expected)	Non-specific. Declare and participate
		Direct financial	Current academic position (Senior Researchers in Rehabilitation, University of Oxford)	01/01/2018	01/01/2018	—	Non-specific. Declare and participate
		Direct financial	Current clinical position (Trauma and Orthopaedic Physiotherapist – Norfolk and	01/05/2010	01/01/2018	—	Non-specific. Declare and

	Norwich University Hospital)				participate
Direct non-financial. Professional and personal	Principal Investigator on a research grant funded by NIHR Research for Patient Benefit investigating a behaviour change (talking therapy) intervention to improve physical activity for people following hip and knee replacement.	01/06/2018	01/01/2018	01/06/2021 (expected)	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Dainty J, MacGregor A. Trajectory of physical activity following total hip and knee arthroplasty: data from the English Longitudinal Study of Ageing (ELSA) cohort. European Journal of Physiotherapy. In Press, August 2017	08/2017	01/01/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Hilton G, Mansfield M, Mann CJV, Sackley CM (2018). Does physical activity change following hip and knee arthroplasty? An analysis of data from the Osteoarthritis Initiative. Physiotherapy. 104; 1: 80-90.	08/02/2017	01/01/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Withers TM, Luben R, Sackley C, Jones AP, McGregor A (2017). Changes in physical activity following total hip and knee arthroplasty: a matched case-control study from the EPIC-Norfolk cohort. Clinical Rehabilitation. 31: 11: 1548-1557	07/03/2017	01/01/2018	—	Specific. Declare and participate
Direct non-financial. Professional	Smith TO, Withers TM, Luben R, Sackley C, Jones AP, McGregor A (2017). Changes in physical activity following total	09/2016	01/01/2018	—	Specific. Declare and participate

and personal	hip and knee arthroplasty: a matched case-control study from the EPIC-Norfolk cohort. <i>Clinical Rehabilitation</i> . 31: 11: 1548-1557, September 2016.				
Direct non-financial. Professional and personal	Alattas SA, Smith T, Bhatti M, Wilson-Nunn D, Donell S (2017). Greater pre-operative anxiety, pain and poorer function predict a worse outcome of a total knee arthroplasty. <i>Knee Surg Sports Traumatol Arthrosc</i> . 25: 11: 3403-3410.	24/0/2016	01/01/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Dainty J, MacGregor A (2017). Trajectory of social isolation following total hip or knee arthroplasty: results from the English Longitudinal Study of Ageing (ELSA) cohort. <i>Osteoarthritis and Cartilage</i> . 25; 1414-1419.	16/05/2017	01/01/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Withers TM, Lister S, Sackley CM, Clark A, Smith TO (2017). Is there a difference in total physical activity levels before and after elective unilateral total hip replacement? A systematic review and meta-analysis. <i>Clinical Rehabilitation</i> . 31; 639-650	25/10/2016	01/01/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Aboelmagd T, Hing CB, Macgregor A (2016) Does bariatric surgery prior to total hip or knee replacement reduce post-operative complications and improve clinical outcomes for obese patients? Systematic review and meta-analysis. <i>Bone Joint Journal</i> 98-B; 1160-	19/05/2016	01/01/2018	—	Specific. Declare and participate

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Direct non-financial. Professional and personal	Smith TO, Jepson P, Beswick A, Sands G, Drummond A, Davis ET, Sackley CM. Assistive devices, hip precautions, environmental modifications and training to prevent dislocation and improve function after hip arthroplasty. Cochrane Database of Systematic Reviews. DOI: 10.1002/14651858.CD010815.pub2.	24/09/2016	01/01/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Sackley CM (2016) UK survey of occupational therapists and physiotherapists experiences and attitudes towards hip replacement precautions and equipment. BMC Musculoskeletal Disorders. 17: 228.	23/05/2016	01/01/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Pearson M, Latham SK (2016) Are people following hip and knee arthroplasty at greater risk of experiencing a fall and fracture? Data from the Osteoarthritis Initiative. Archives of Orthopaedic and Trauma Surgery. 136: 865-872	22/03/2016	01/01/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Mahmoud SS, Pearse EO, Smith TO, Hing CB (2016) Outcomes of total hip replacement as a salvage procedure following failed internal fixation of intracapsular neck of femur fractures: A systematic review and meta-analysis. Bone and Joint Journal. 98-B, 452-460	22/03/2016	01/01/2018	—	Non-specific. Declare and participate

Direct non-financial. Professional and personal	Mannan A, Smith TO (2016) Favourable rotational alignment outcomes in PSI knee arthroplasty: A level 1 systematic review and meta-analysis. The Knee. 23; 186-190.	18/03/2016	01/01/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Penny F, Fleetcroft R (2016) Smoking and alcohol behaviours in people following hip and knee arthroplasty: data from the Osteoarthritis Initiative. Orthopaedics and Traumatology: Surgery and Research. 102; 239-245	22/03/2016	01/01/2018	—	Non-specific. Declare and participate
Direct non-financial. Professional and personal	Smith TO, Penny F, Fleetcroft R (2016) Medical morbidities in people following hip and knee arthroplasty: data from the Osteoarthritis Initiative. European Journal of Orthopaedic Surgery and Traumatology. 26; 99-106.	15/01/2016	01/01/2018	—	Specific. Declare and participate
Direct non-financial. Professional and personal	Invited speaker to the Congress of Brazilian Physiotherapists in Trauma and Orthopaedics (9th and 10th May 2019) where I have been invited to give 2 keynote lectures: (1) hip fracture recovery; (2) physical activity after hip replacement. No direct recommendations on interventions will be provide. I am happy to share my slides with NICE prior to the sessions.	07/01/2019	11/05/2019	—	Non-specific. Declare and participate
Direct non-financial. Professional	Podium presentation at the British Association of Surgery of the Knee (BASK	26/03/2019	27/03/2019	—	Non-specific. Declare and

		and personal	– 26th to 27th March 2019)				participate
		Direct non-financial. Professional and personal	Chief Investigator on the NIHR funded PEP-TALK trial on cognitive behavioural approach rehabilitation for people following hip and knee replacement. Relates to components of a rehabilitation programme and does relate to guideline review protocols.	01/09/2018	05/12/2019	—	Non-specific. Declare and participate
Victoria Wells	Guideline committee member - lay member	Direct financial	Involved in University of Bristol NIHR funded research programme: Support and Treatment After Replacement (STAR) (http://www.bristol.ac.uk/translational-health-sciences/research/musculoskeletal/orthopaedic/research/star/). Study of interventions for long-term pain relief for people receiving primary total knee replacement. Received payment through Oct 2016 and paid travel through Oct 2017.	2015	On application	2017	Specific. Declare and participate
		Direct non-financial. Professional and personal	Community Advisor on the public Bathscape walking festival. This is a voluntary role giving advice for grant applications on accessible pathways across Bath. There was no mention of joint replacement walks in the grant application; the focus is on accessible pathways.	27/07/2017	19/10/18	—	Non-specific. Declare and participate.
		Direct non-financial. Professional	Creative bridges Conference; Work and Research with words for Wellbeing. Lecture and workshop exploring journaling	07/01/2019	14/07/2019	—	Non-specific. Declare and

		and personal	through medium of written and illustrated postcards while waiting for treatment /hip revision. Exploring day to day life while waiting for intervention.				participate.
		Direct non-financial. Professional and personal	Attended an advisory session for Compassionate Communities examining their well-being pathway in the community.	July 2019	05/07/2019	—	Non-specific. Declare and participate.
Anthony Whiting	Guideline committee member - lay member	Indirect non-financial	My son is a Consultant Intensivist and Head of Patient Safety at a NHS hospital Trust.	01/10/2014	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Honorary Teacher / Expert by Experience, Sheffield University Clinical Psychology Unit	01/10/2013	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Member of local GP Practice Patient Group	01/10/2011	On application	—	Non-specific. Declare and participate
		Direct non-financial. Professional and personal	Lead patient member of Sheffield NHS/Sheffield Teaching Hospital Trust MSK programme Board	2012	26/04/2018	—	Non-specific. Declare and participate
Co-opted member(s)							
Wililam Harrop-	Guideline committee	Direct	Independent private medical practice that includes anaesthesia for shoulder	1990	On	—	Specific. Declare and

Griffiths	co-opted member – anaesthetist	financial	replacement		application		participate
		Direct non-financial. Professional and personal	Chair, Clinical Quality & Research Board, Royal College of Anaesthetists (RCoA)	2017	On application	2020	Specific. Declare and participate
		Direct non-financial. Professional and personal	Chair, National Safety Standards for Invasive Procedures Group, NHS Improvement (NHSI)	2014	On application	2019	Non-specific. Declare and participate
Helen Robson	Guideline committee co-opted member – extended scope practitioner	Direct financial	I work for Connect Health, they are a provider organisation that provides healthcare for the NHS and occupational health service. I do not receive any remuneration in relation to joint replacements.	2010	On application	—	Specific. Declare and participate
		Direct non-financial. Professional and personal	Caplan, Nick, Robson, Helen, Robson, Aimee, Barry, Gillian and Wilkes, Graeme (2017) Associations between community-based physiotherapy for musculoskeletal injury and health related quality of life (EQ-5D): a multi-centre retrospective analysis. Health and Quality of Life Outcomes, 15. p. 212. ISSN 1477-7525	2017	15/06/2018	—	Non-specific. Declare and participate

GUIDANCE NOTES FOR COMPLETION OF THE INTERESTS REGISTER

Relevant dates: Detail here the date the interest arose, the date it was first declared and when it ceased, if applicable. For example, if an individual has ceased to hold shares or undertake relevant private practice.