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Andy Carr is the Nuffield Professor of Orthopaedic Surgery at the University of Oxford. He founded and directs the Botnar Research Institute and the NIHR, Oxford, Musculoskeletal Biomedical Research Unit. His research interests are primarily focused on developing and evaluating surgical technologies including joint replacement, arthroscopy and tissue engineering. His group investigates cellular and molecular mechanisms of tendinopathy and age related muscle loss and is developing novel tissue engineering scaffolds for soft tissue repair. His methodological research includes the development of a series of patient reported outcome measures for orthopaedic surgery. The Oxford Scores are now used worldwide in multicentre trials and National joint replacement registers. He is chief investigator on national multi-centre randomized trials of shoulder surgery (UKUFF and CSAW trials), early phase experimental trials of growth factors (PaROT trial) and novel tissue engineering scaffolds.

He is President of the British Elbow and Shoulder Surgery society. He was elected a fellow of the Academy of Medical Sciences in 2009 and is an NIHR Senior Investigator. He is Editor in Chief of Bone and Joint Research.

He is a Professorial Fellow of Worcester College, Oxford. He has a long standing interest in the relationship of art and literature to medicine and is a consultant to the Oxford English Dictionary and a Curator of the University of Oxford, Bodleian Libraries.

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