

Event: IMI impact on data, 9 June 2021

## SPEAKER BIO



### Jennifer Lane

Versus Arthritis Clinical Research Fellow in  
Trauma and Orthopaedic Surgery  
University of Oxford

Jenny studied undergraduate medicine at Exeter College, University of Oxford, where she was awarded Scholar status. Graduating from clinical medicine in 2010, she undertook basic medical and surgical training in London. In 2014, Jenny graduated with distinction from Masters of Surgical Education degree at Imperial College, London, and returned to Oxford as NIHR Academic Clinical Fellow to undertake combined academic and higher clinical training in Orthopaedic Surgery. She was awarded a Versus Arthritis Clinical Research Fellowship and a Medical Research Council Doctoral Training Fellowship in July 2017, and began DPhil study into the Epidemiology of Common Hand Conditions in December 2017.

Jenny is working with Professor Dominic Furniss and Professor Dani Prieto Alhambra within NDORMS alongside Professor Jane Green in the Nuffield Department of Population Health. She is interested in how routinely collected big data can be recycled to improve our understanding of the role of surgery within medical treatment. She is currently investigating factors associated with both the need for surgery and with adverse outcomes following surgery, in addition to the role of hormonal factors upon the development and progression of musculoskeletal disease in women.

Jenny became a member of the EHDEN/OHDSI community in 2020 to develop her work in surgical and device epidemiology, leading a study into the musculoskeletal side of hormone blocking medications in the treatment of breast cancer. Motivated to engage in the united effort in establishing real world evidence for COVID-19 treatment, she was co-lead author (with James Weaver ) on the EHDEN/OHDSI study on the risks of hydroxychloroquine, a drug commonly used in the treatment of rheumatoid arthritis, which had been given authorisation for emergency use to treat patients with COVID-19 pneumonia.