

**Mr Siôn Glyn-Jones MA MBBS MRCS FRCS (Trauma and Orthopaedics)
DPhil**

**Consultant Orthopaedic Surgeon & Senior Lecturer in Musculoskeletal
Sciences**

Centre Partner Institution - University of Oxford



Siôn Glyn-Jones read medicine at Cambridge and later conducted his clinical attachment in London. Thereafter, he went on to complete his surgical and orthopaedic training in Oxford, where he gained a DPhil. degree. He now works as a Consultant Hip Surgeon in the Adult Hip and Knee Reconstruction Service at the Nuffield Orthopaedic Centre. He undertakes all aspects of adult hip surgery and has a specialist interests in the treatment of hip arthritis in the young patient and revision hip arthroplasty. He is Lead of the Oxford Young Adult Hip Service.

Research Interests

In conjunction with his colleagues at the NDORMS, Siôn is currently investigating the role of mechanics in the initiation of hip osteoarthritis in conditions such as FemoroAcetabular Impingement, with the eventual aim of developing disease-modifying therapies for hip osteoarthritis.

Siôn leads a team of Musculoskeletal Imaging experts at NDORMS. He has particular interest in new Functional Magnetic Resonance Imaging sequences designed to detect osteoarthritis at the earliest stages. These include T2mapping, T1Rho mapping and imaging at ultra-high field strengths.

Siôn has established a bio-bank of retrieved prostheses with aim of providing a resource for investigating the mechanisms of bearing surface wear and prosthesis failure. He is also involved in clinical and Radiostereometric studies, designed to evaluate new designs of hip arthroplasty.

<http://www.ndorms.ox.ac.uk/profiles.php?profile=sglynjones>