

Orthopaedics



Wrightington,
Wigan and Leigh
NHS Foundation Trust

History

Wrightington Hospital's status as a **Centre of Excellence (Orthopaedic Surgery)** in the treatment of musculoskeletal disease has its origins in the seminal work of Professor Sir John Charnley, who pioneered hip replacement surgery involving the techniques of low-friction arthroplasty and also innovative advances to counter post-operative infection. The first ever hip-replacement operations were performed at Wrightington in the early 1960s. While drawing strength from the past, the hospital always looks to the future, determined to sustain its reputation as a hospital at the leading edge of both practice and research.

Wrightington's reputation for excellence attracts highly talented Orthopaedic Consultants who specialise in hip and joint surgery, and in the medical disciplines of rheumatology and rehabilitation. This multi-disciplinary approach produces important synergies, particularly in the field of inflammatory arthritis.



Professor Sir John Charnley

Services

Upper Limb:

We have the largest upper limb unit in the UK. We run a large number of investigator initiated clinical trials and translate the results in to practice.

- Arthritis of the Hand and Wrist
- Carpal Tunnel Syndrome
- Dupuytren's Disease
- Tendonitis
- Ganglions
- Rheumatoid Arthritis
- Complex Reconstruction
- Injury to the Hand and Wrist
- Frozen shoulder
- Shoulder dislocations
- Arthritis
- Sports injuries of the shoulder
- Shoulder replacement
- Shoulder Arthroscopy
- Shoulder Reconstruction
- Tennis elbow
- Stiff or painful elbows
- Elbow replacement
- Elbow reconstruction
- Trauma Reconstruction of the Upper Limb
- Brachial plexus and peripheral nerve injuries
- Tendon injuries
- Sports injuries of the hand and wrist
- Joint replacement of the hand and wrist
- Wrist arthroscopy
- Complex hand reconstruction
- Shoulder Dislocations
- Complex Shoulder Instability
- Rotator Cuff Impingement
- Rotator Cuff Tears
- Rotator Cuff Arthroplasty

Services

Both Upper Limb and Lower Limb work closely together organising International and National Clinical, Research conferences and Cadaveric workshops.

Lower Limb provides:

- Hip, knee and ankle replacement surgery
- Arthroscopy
- Diabetic Foot Service
- The Enhanced Recovery Programme

Sports Knee Injury Clinic:

- Knee ligament injuries:
 - ACL (anterior cruciate ligament)
 - PCL (posterior cruciate ligament)
 - Combined ligament injuries
 - Revision surgery
 - Meniscus injuries:
 - Repair / Resection (trimming)
 - Replacement/transplant
 - Cartilage injuries and early arthritis
 - Management / Micro-fracture
 - Osteochondral grafting
 - Osteotomy
 - Congenital and developmental problems
 - Avascular necrosis
 - Revision Surgery
 - Bone grafting techniques for complex reconstruction of hip and knee
 - Femoral, tibial and acetabular reconstruction with mega prosthesis
 - Bone Biology / Bone Tissue Engineering
 - Orthopaedic Biomechanics
- Trauma:
- North West Pelvic and Acetabular Fracture Service
 - Periprosthetic fractures of the acetabulum, hip and knee
 - Primary Hip Arthroplasty for fractures
 - Open Soft tissue hip reconstruction
 - Pelvic Injuries Acetabular fractures and reconstruction

Awards & Achievement

- First global patient recruited to study evaluating effectiveness of total knee arthroplasty
- Highest recruiter to hip replacement study September 2016
- Professor Tim Board named as Research Advisor for the NHS Blood and Transplant Tissue Services and appointed Associate Editor for Journal of Hip International, the official journal of the European Hip Society
- Awarded the Ian Kelly Award for Orthopaedic Research at British Elbow and Shoulder Society 2016.
- Professor Kay is National Clinical Director for Musculoskeletal services for NHS England ("MSK Tsar")
- Mr Tim Clough is Foot and Ankle surgeon for several professional Premiership and Championship football teams, Super League rugby teams and a local Premiership rugby union team.
- Mr Karski's research has been presented nationally and internationally and he has published articles in peer reviewed journals.
- Professor Ian Trail has been involved in the development of several new joint replacements used widely in the shoulder, elbow and hand. He has also helped to develop new operations and new systems for treating injuries to the hand and wrist, including fractures.

For more information please contact 01257 488 264
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