

Lower Limb Masterclass



MQ Health
MACQUARIE UNIVERSITY
HEALTH SCIENCES CENTRE

Presenters

Professor Munjed Al Muderis | Orthopaedic Surgeon



Professor Al Muderis is an Australian trained Orthopaedic Surgeon. His day-to-day work involves hip & knee arthroplasty and reconstructive surgery. He had the privilege of completing his Australian orthopaedic training in 2008 on the NSW Northside Scheme. He then embarked on international fellowships in Germany and Switzerland. Early in his career, he commenced his academic pursuits and now holds several academic titles including Clinical Professor at Macquarie University, Adjunct Clinical Professor of Orthopaedic Surgery at the University of Notre Dame Australia School of Medicine Sydney and Honorary Associate of the School of AMME/Faculty of Engineering and IT at the University of Sydney.

Dr Mustafa Altahir | Orthopaedic Surgeon



Dr Altahir is a specialist Orthopaedic Surgeon in the fields of Lower Limb Reconstruction, Foot and Ankle Surgery, Joint Replacements (Ankle Replacements, Hip Replacements, Knee Replacements), Sports Surgery (Ankle and Knee), and Trauma (Adult and Paediatric, Upper and Lower Limb) Surgery. He completed his post fellowship training in Switzerland at Swiss Ortho Center in Basel. He has particular interests in total ankle replacement, foot reconstructive surgery, minimally invasive bunion / forefoot surgery using burrs, lower limb deformity correction, acute and gradual corrections, particularly acute distal femoral, high tibial, supramalleolar osteotomies, as well as Ilizarov frame-assisted corrections and limb lengthening surgery, using an intramedullary magnetic nail technique. He is also highly trained in designing custom 3D implants and models for patient specific surgeries.

Dr Colin Chong | Musculoskeletal and Interventional Radiologist



Dr Colin Chong is a senior Musculoskeletal and Interventional Radiologist and the Chair of the Royal Australian and New Zealand College of Radiologists MRI Reference Group for the last 7 years. He is a Contents Expert for the SEM Academy, Australasian College of Sports and Exercise Physicians. He completed musculoskeletal fellowships at both Vancouver General Hospital and St Paul's Hospital in British Columbia and a paediatric radiology fellowship at the Children's Hospital at Westmead. Colin was an appointed musculoskeletal radiologist for the 2018 Gold Coast Commonwealth Games. Dr Chong is actively involved in teaching and research and has been a keynote plenary speaker for over 80 scientific conferences, including for the Australasian Society of Ultrasound, Australasian Sonographers Association, Alexandra Academy of Clinical and Emergency Sonography, Australian Institute of Ultrasound and Lead Radiologist for the Australasian Musculoskeletal Imaging Group 2024 Conference. Dr Chong is a previous recipient of the prestigious Australian NHMRC Medical Scholarship. He was appointed the eminent Health Manpower Development Plan Visiting Expert by the Singapore government in 2023 to train and upskill specialists in sports medicine, orthopaedics and radiology.

Dr Simon Coffey | Orthopaedic Surgeon



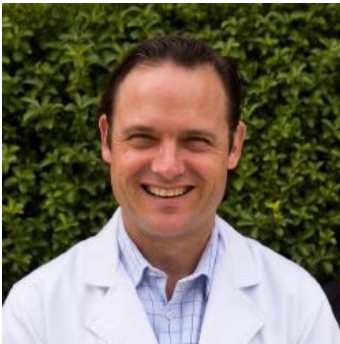
Dr Coffey is an experienced Orthopaedic Surgeon specialising in hip and knee surgery. Dr Coffey uses the latest techniques to ensure his patients receive high quality, personalised care. His interests include: Hip Replacement, Knee Replacement, Arthroscopic Knee Surgery, Knee Ligament Reconstruction, Meniscal Repair, Patellofemoral Stabilisation Surgery, Revision Hip Replacement, Revision Knee Replacement, Computer Assisted Hip and Knee Replacement, Robotically assisted Knee Replacement. He is a Fellow Royal Australasian College of Surgeons, Fellow Australian Orthopaedic Association, Clinical Senior Lecturer University of Sydney and Clinical Lecturer Australian School of Advanced Medicine.

Dr Ruy da Assunção | Orthopaedic Surgeon



Dr da Assunção has extensive experience in reconstruction and replacement in the lower limb as well as trauma reconstruction in both upper and lower limb. He has performed over 2000 joint replacements and over 3000 trauma surgeries. Dr da Assunção had super-specialist fellowship training in hip and knee surgery at world renowned centres in Oxford, UK and Sydney, Australia as well as advanced and extensive fellowship training in major trauma centres in Seattle, USA and Perth and Sydney, Australia. Dr da Assunção has published widely on trauma and reconstruction topics and techniques.

Dr Nick Hartnell | Orthopaedic Surgeon



Dr Nick Hartnell is an Orthopaedic Surgeon with over 20 years' experience in all facets of bone and joint surgery. As an Orthopaedic Registrar Dr Hartnell worked in numerous hospitals both rural and metropolitan and he has vast experience at Royal North Shore Hospital as well as Royal Prince Alfred. He has also completed work at Nepean, Orange Base and Lismore Hospitals. As part of his training, he sought many opportunities overseas, including the honour of working at Shriners Hospital in Portland, Oregon USA. There he worked as a Senior Fellow in the Department of Paediatric Orthopaedic surgery.

After successfully completing his Fellowship in Orthopaedics at the Royal Australasian College of Surgeons, Dr Hartnell sought more fellowship experience in international hospitals, in countries including China, Belgium and England. In China, he worked at the Peking Universities Peoples Hospital and had a special interest in joint replacement surgery as well as tumour surgery. In Leuven, Belgium, Dr Hartnell worked with world renown knee surgeons in Pellenburg Hospital. He then went on to do his Fellowship in Orthopaedics and Oncology in Royal National Orthopaedic Hospital in Stanmore, London.

Dr Andrew Hirschhorn | Director of Allied Health



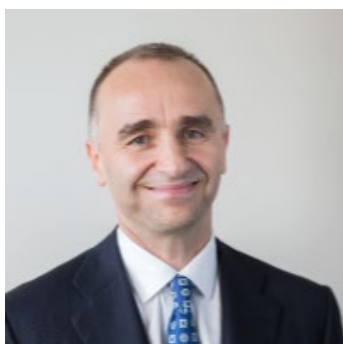
Dr Hirschhorn has 20 years experience as a physiotherapist, incl more than 15 years in senior clinical and management roles in private/public hospitals. Andrew undertook his PhD at Griffith University, where he investigated physiotherapy and exercise prescription following coronary artery bypass graft surgery. His postdoctoral translational research fellowship with the National Health and Medical Research Council explored strategies to improve the uptake of healthcare services by men with prostate cancer. Andrew has a special interest in perioperative physiotherapy, including the prehabilitation and education of patients requiring major orthopaedic, spinal, cardiothoracic and general surgery.

Dr Tim O'Carrigan | Orthopaedic Surgeon



Dr O'Carrigan is a Sydney born and raised orthopaedic surgeon with more than 25 years orthopaedic surgical experience and a subspecialty interest in foot and ankle surgery and limb lengthening and reconstruction. He completed a Fellowship in Baltimore USA at the Maryland Centre for Limb Lengthening and Reconstruction with Drs Dror Paley and John Herzenberg. Since returning to Australia, he has become a leading limb reconstruction specialist in Sydney and in his subspecialty interest has focussed on complex foot and ankle reconstruction total ankle replacement and minimally invasive foot surgery. Dr O'Carrigan also has extensive experience in performing joint replacement of the hip and knee

Dr Razvan Stoita | Orthopaedic Surgeon



Dr Stoita is a highly experienced, fellowship trained orthopaedic hip and knee surgeon. He has subspecialty expertise in treating hip conditions, hip replacement, partial and total knee replacement, knee ligament sports injuries and knee pain due to patella (kneecap) maltracking and instability. Dr Stoita is an early adopter of modern computerised and robotic surgical techniques in hip and knee replacement surgery. He routinely uses 3D computer analysis in the assessment and management of knee and patella deformities and failed hip and knee replacements.