Microsurgery Training Laboratory

The Microsurgery Training Laboratory was established in 2002 with the goal of making microsurgery an integral part of a surgeon’s training in various specialties. Over the years, the laboratory has become an internationally known state-of-the-art teaching facility in microsurgery. We conduct different courses in microsurgery that include the Introductory, Basic, Refresher, and Advanced Courses in Microsurgery. All our courses are structured in a way that they lead to the acquisition of clinically applicable microsurgical skills.

Fellowship Programme

We have trained surgeons from all over the world for a career in Hand Surgery. Fellows receive individual teaching and supervision in the operating room and outpatient clinics. Weekly teaching conferences, journal club and anatomical dissections of the upper extremity provide a strong academic environment. The programme also provides fellows with the opportunity to experience clinical research and to present their research at national and international meetings.

Contact Us

Hand & Reconstructive Microsurgery Centre
Main Building, Level 2 (Use Lift Lobby 6A)
Operating Hours : 8.30am – 5.30pm (Mon – Fri)
Website : www.nuh.com.sg/uhc

Appointment
Tel : (65) 6772 2002
Email : hand_appointment@nuhs.edu.sg

Enquiry
Tel : (65) 6772 5599
Email : hand_enquiries@nuhs.edu.sg

National University Hospital
5, Lower Kent Ridge Road, Singapore 119074
Tel : 6779 5555 Fax : 6779 5678 Website : www.nuh.com.sg

Disclaimer

The information provided in this publication is meant purely for educational purposes and may not be used as substitute for medical diagnosis or treatment. You should seek the advice of your doctor or qualified healthcare provider before starting any treatment or if you have any questions related to your health, physical fitness or medical conditions.
The Hand & Reconstructive Microsurgery Centre consolidates all hand-related services under one roof. Staffed by a team of dedicated doctors, nurses and occupational therapists, it is a one-stop centre to deliver comprehensive care and treatments to patients with hand, wrist and upper limb conditions.

The centre is equipped with facilities for our team to treat hand-related conditions. For the convenience of our patients, the consultation, fluoroscopic assessment of bone and joints of the hand, as well as ambulatory surgery are performed in one central location.

The operating suite within the centre is equipped for the doctors to perform hand surgery and wrist surgery, with a recovery area that is under the direct supervision of our nurses. The team of hand therapists located at the same centre facilitates timely occupational therapy. The centre also houses a hand and finger prosthetist for patients who want to have their prosthesis customised.

We offer a wide range of clinical services related to:
- Hand, Upper & Lower Limb Trauma
- Hand & Wrist Pain
- Hand & Upper Limb Deformity
- Hand Infections
- Bening and Malignant Musculoskeletal Tumours

We offer subspecialty services in the following areas:
- Musculoskeletal and flap reconstructive surgery
- Open and minimally invasive nerve surgery
- Open and arthroscopic wrist surgery
- Paediatric hand and congenital deformity surgery
- Musculoskeletal oncology
- Arthroplasty of the hand and wrist

Our Specialists

**DR ALPHONSES CHONG**
MBS (S'pore), MMed (Surgery), FRCS (Edin), FAMS (Hand Surgery) | Paediatric Hand Surgery

Dr Chong is trained in Hand Surgery in Singapore, with additional clinical and translational research training in Stanford University, USA. He has an expertise in paediatric hand surgery. Dr Chong is concurrently a visiting surgeon in KK Women's and Children's Hospital. His research is in tendon and wound healing, and techniques to improve outcome following tendon injuries.

**DR EMERITUS PROFESSOR ROBERT PHO**
Emeritus Consultant
MBS (Sydney), FRCS (Edin), FAMS (Surgery) | Musculoskeletal Oncology

Professor Pho is the “Father” of Hand Surgery and Reconstructive Microsurgery in Singapore. A world renowned hand surgeon and mentor to many consultants and continues to train and inspire many young doctors and surgeons. His clinical practice includes complex musculoskeletal oncology, congenital hand surgery and orthopaedic reconstructive surgery.

**DR MARK PUHAINDRAN**
Consultant
MBS (S'pore), FRCS (Edin), FAMS (Hand Surgery) | Peripheral Nerve Surgery

Associate Professor Lim is currently Chairman, Medical Board of the National University Hospital. His clinical interest focuses on peripheral nerve surgery. His research on the intra-muscular nerve and peripheral nerve has led to pioneering clinical work in the field of tendon transfers. He is regularly invited to lecture at international meetings. A veteran of humanitarian projects, his vision is to see doctors from NAMS contribute time and effort on a regular basis to those less fortunate among us in the region.

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**APPROF AMYRICE LIM**
Senior Consultant
MBS (S'pore), FRCS (Edin), FAMS (Hand Surgery) | Peripheral Nerve Surgery

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**DR AMITABHA LAHRI**
Consultant
MBS (Mardana Alaud, Delhi U), FRCS (Edin), FAMS (Hand Surgery) | Rhabdomus Hand Surgery

Dr Lahri obtained his specialist accreditation in Hand Surgery in 2008. His area of interest includes the surgical management of arrest of the hand and wrist as well as microsurgery in the hand. His research areas are nerve and muscle surgery, development of models for microsurgical tissue and training engineering.

**DR SANDEEP JACOB SEBASTIN**
Consultant
MBS (India), MMed(Surgery), FAMS (Hand Surgery) | Extreme Trauma Reconstruction Surgery

Dr Sebastin completed his post-graduate training in General Surgery and Plastic Surgery in India. He trained in Hand Surgery at Singapore and obtained his specialist accreditation in 2009. He is a diplomat of the European Board of Hand Surgery and gained additional clinical and research training as a MCH Scholar at the University of Michigan, Ann Arbor, USA. Dr Sebastin’s clinical interests include soft tissue reconstruction of the limbs and peripheral nerve surgery. His research interest include the ‘History of Hand Surgery’. He has published many research papers and book chapters and mentors the junior staff in clinical research methodology. He is also director of the department’s fellowship programme and microsurgery training laboratory.

**DR ANDRE CHEAH**
Consultant
MBS (S'pore), MMed (Surgery), MBA (INSEAD) | Hand & Wrist Arthroplasty

Dr Cheah was awarded the College of Surgeons Gold Medal for Hand Surgery in 2010, his clinical interests include joint problems of the hand and wrist and he is an advocate of minimally invasive and endoscopic surgery. He is involved in collaborative basic science research in biomechanics and anatomy and is published on the proximal interphalangeal joint. Dr Andre Cheah works closely with members of the industrial design community to propose device solutions to aid in clinical practice. He is also interested in healthcare delivery systems and completed his MBA at INSEAD in 2013.

**DR AARON GAN**
Associate Consultant
MBS (S'pore), FRCS (Edin), FAMS (Hand Surgery) | Extremity Trauma Reconstruction Surgery

Dr Gan graduated from the National University of Singapore in 2005 and subsequently obtained his fellowship accreditation in Hand Surgery in 2012. He was awarded a Singapore Society for Hand Surgery Travelling Fellowship in 2012 and deepened his experience in orthopaedic and microsurgical reconstruction surgery at the Department of Plastic and Reconstructive Surgery of Hanyang University Medical College in Seoul, South Korea. In the same year, he undertook a clinical observatory at Seattle Children’s Hospital and studied traumatic hand birth injury and paediatric hand conditions. His sub-speciality interests are in reconstructive microsurgery, supermicrosurgery and paediatric hand surgery.

**DR DAVID TAN**
Consultant
MBS (S'pore), FRCS (Edin), MMed (Surgery) | Complex Wrist Surgery

Dr. Tan received his accreditation as a hand surgeon in 2008. He currently holds the appointment of post graduate medical education director and is also the Program Director for Surgery-In-General (Hand Surgery) residency program. He completed his one year fellowship in 2010 at the prestigious Hospital for Special Surgery in New York, broadening his experience and skill set for the management of complex and complicated upper extremity conditions. His area of clinical interest is in the field of arthritis and he focuses on the care and surgical management of sports and traumatic injuries of the wrist as well as degenerative wrist and complex wrist problems.