



DR ZACKARY CHUA KERK HSIANG






MBBS (Aus), MMed (Singapore), MRCS (Glasgow), FRCSEd (Orth)

Senior Consultant Orthopaedic Surgeon

Clinical Interest

- Minimally Invasive Foot & Ankle Surgery
 - Bunion surgery
 - Ligament reconstruction for ankle instability
 - Ankle replacement
- Sports Reconstruction Surgery & Orthopaedic Trauma
- Paediatric Orthopaedics
 - Complex foot deformity reconstruction
 - Foot drops
 - Adolescent fractures
 - Flat foot management and surgery

Locate us at:

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319 Joo Chiat Pl, 03-06
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Dr. Zackary Chua is a distinguished senior consultant orthopaedic surgeon and the Medical Director at ACME Orthopaedic, with dual specialisations in Foot & Ankle Surgery and Paediatric Orthopaedics. He brings extensive experience and a deep commitment to patient care, having worked across various hospitals in Singapore.

Advanced Training & Experience

Before starting his private practice, he was appointed as division head of foot and ankle and senior consultant at the NUHS.

Dr. Chua graduated from the University of Adelaide in Australia and pursued his orthopaedic specialist training in Singapore, completing it in 2017 under the National University Health System (NUHS). Subsequently, he joined KK Women's and Children's Hospital (KKH), contributing significantly to paediatric orthopaedic care. His initiatives at KKH include establishing the SG Clubfoot Babies support group on Facebook and supporting a multidisciplinary clinic for complex foot deformity reconstruction, addressing conditions such as foot drops, adolescent fractures, and flat foot surgery.

In 2019, Dr. Chua was awarded the Human Manpower Development Programme (HMDP) award, enabling him to undertake fellowship training in foot and ankle surgery at the prestigious Oxford University Hospital NHS Trust in the UK. Upon his return, he continued his work at KKH before transitioning to NUHS, where he established advanced services such as keyhole ligament reconstruction for ankle instability, ankle replacement, and minimally invasive bunion surgery.

Dr. Chua's career is marked by his dedication to adult and paediatric orthopaedic care. He continuously pushes the boundaries of his specialty to improve patient outcomes.

Academic & Professional Affiliations

Dr. Chua held academic appointments as a Clinical Lecturer at the Yong Loo Lin School of Medicine, National University of Singapore, an Adjunct Senior Lecturer at the Lee Kong Chian School of Medicine, Nanyang Technological University, and an Adjunct Assistant Professor at Duke-NUS Graduate Medical School. He is also a Physician Faculty Member for the Orthopaedic Surgery Residency Program at Singhealth Residency Singapore and serves as a reviewer for the Singapore Medical Journal.

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Holistic Patient Care

Dr. Chua's approach to patient care is guided by two fundamental philosophies: "Children are not little adults" and "When one's feet hurt, one hurts all over" – Socrates. These principles reflect his dedication to providing tailored, compassionate care to both children and adults.

Research & Publications

Dr. Chua is an active contributor to the field of orthopaedic surgery, with numerous publications in prestigious medical journals. His research spans a wide range of topics, including paediatric orthopaedic conditions, foot and ankle surgery, and knee arthroplasty. Some of his key publications include:

- Chua KH, Yeap EJ, Chong KW, Sands A. Clinical Tip: Modified Uniportal Endoscopic Gastrocnemius Recession for Treatment of Gastrocnemius Equinus Contracture. J Foot Ankle Surg Asia-Pacific 2020; 7 (1):28-31
- Mishra N, Wang S, Chua KH, Lam KY, Mahadev A. Comparison of K-wire versus screw fixation after open reduction of transitional (Tillaux and triplane) distal tibia fractures. J Pediatr Orthop B. 2021
- JZY Soo, RB Sio, M Ashik, KPL Wong, KH Chua, A Mahadev, KBL Lim, EM Chew, KY Lam. Epidemiology of Paediatric Orthopaedic-Related Trauma Injuries Sustained Across a Lockdown Period During the Covid-19 Pandemic. J Ortho Surg 29 (3) 2021

He has also presented at various international and regional conferences, sharing his expertise on foot and ankle surgery and advanced surgical techniques.

Community & Professional Involvement

His active participation in the medical community extends to mentoring, research supervision, and contributing to key professional forums and symposiums, both locally and internationally.

Awards & Accolades

- Singhealth Quality Excellence Award – Silver (2011)
- Service From the Heart Award (2021)
- Singapore Health Quality Service Award – Gold (2023)
- NUS Medicine Dean's Award for Teaching Excellence (2023)