

## HKU-SICOT FELLOWSHIP REPORT 2024-2025 FATEMA H. MADAN

My time at Queen Mary Hospital, Hong Kong, as an Orthopedic Trauma SICOT Fellow from December 2024 to February 2025 was an enriching experience that provided both professional and personal growth. Under the guidance of Dr. Christian Fang and Dr. Colin Yung, with Prof. Frankie Leung leading the team, I was exposed to an advanced, high-volume trauma center that emphasized innovation and precision in orthopaedic care. I had the privilege of working alongside an exceptional team, including Johnson Tam, Edmund Lam, Tong Chi Him, Felix Leung, Nicola Ho, and Brian Siu.

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### Preparations & Arrival

Ms. Doris Lau's meticulous coordination ensured a seamless transition into the fellowship. She assisted with securing my visa and accommodation while also arranging the necessary hospital access. Upon arrival, I received my staff ID and HKU portal credentials, enabling me to integrate smoothly into the hospital environment.

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### The Orthopedic Trauma Team

On my first day in the operating theatre, I was struck by the exceptional learning environment and the seamless teamwork among the OT staff, including skilled nurses and technicians. The scrub nurses were highly experienced, anticipating each step of the procedure and preparing the necessary instruments before the surgeons even requested them. Meanwhile, the circulating nurses remained attentive at the table, effectively communicating with and supporting the scrub nurses to ensure every task was completed promptly and accurately. This level of synchronization not only minimized surgical time but also significantly improved the safety and precision of the procedures.

The trauma list was ongoing daily, encompassing a diverse range of injuries and incorporating evidence-based techniques while using the latest implants. Various advanced procedures were carried out, including periprosthetic fractures, Complex upper and lower limbs fractures, and reverse shoulder arthroplasty, often led by Dr. Colin Yung, a talented and dynamic surgeon. He placed a strong emphasis on resident training, and I had the opportunity to observe his effective and structured approach to teaching, which greatly enhanced the learning environment.

Additionally, I was fortunate to be invited by Dr. Christian Fang to attend 3D printing meetings, where I observed complex 3D-assisted fixations and computer navigation-assisted procedures. His expertise in 3D printing, implant and gadget design, and research was truly impressive. I also had the chance to see him perform rib and sternum fixation, further highlighting his precision and innovative approach to complex cases. Watching him operate so effortlessly was inspiring, and it was a privilege to gain insight into these cutting-edge techniques.

I also had the pleasure of working alongside Dr. Tong and Dr. Felix, specialist surgeons who not only taught me new surgical techniques but also shared invaluable knowledge to aid in my upcoming exam. Being invited to their exam preparation sessions was an added bonus, and I deeply appreciated their generosity in sharing their expertise.

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## Academic Engagement & Research

One of the highlights of my fellowship was the opportunity to participate in weekly case discussions and inter-hospital academic meetings. These sessions facilitated an exchange of ideas with both local and international experts, broadening my perspective on trauma and reconstructive surgery.

I am particularly grateful to Dr. Fang, who mentored me in a research project. By the end of the fellowship, I had successfully increased the sample size, improved the study design, and conducted statistical analysis, significantly enhancing the quality of the research. This experience will serve as a strong foundation for my future projects.

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## Life Beyond the Hospital

Staying at Jockey Club III in Kennedy Town provided a comfortable and convenient base during my fellowship. I took full advantage of my time in Hong Kong, immersing myself in its diverse culture, breathtaking hiking trails, and sightseeing opportunities. The city's efficient public transport system made exploring easy, and the warm hospitality of my colleagues made my stay even more enjoyable.

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## Final Thoughts

This fellowship at Queen Mary Hospital was a truly transformative experience. I am deeply grateful to Prof. Frankie Leung, Dr. Christian Fang, Dr. Colin Yung, Ms. Doris Lau, and my fellow colleagues for their mentorship and support.

The insights and techniques I acquired during this period will undoubtedly shape my approach to orthopaedic surgery, and I look forward to applying this knowledge to enhance patient care and contribute meaningfully to the field.

With gratitude,

Fatema Husain Madan  
Orthopaedic Surgeon  
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Fellowship Certificate Ceremony with Prof. Frankie Leung