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Singapore NUH unveils new one-stop orthopaedic surgery and hand & reconstructive microsurgery centres

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Integrated hub redefines patient care, sustainability and future-ready design



The National University Hospital (NUH) has launched the new Orthopaedic Surgery and Hand & Reconstructive Microsurgery Centres, integrating key specialist services – from consultations and surgery to diagnostics, physical therapy and pharmacy stops – into one cohesive space for a seamless patient journey.

The launch of the Orthopaedic Surgery and Hand & Reconstructive Microsurgery Centres, officiated by **Dr Koh Poh Koon, Senior Minister of State, Ministry of Health & Ministry of Manpower**, brings together orthopaedic surgery, hand and reconstructive microsurgery, diagnostic imaging, rehabilitation and pharmacy for greater patient care and convenience by:

- Capitalising on proximity to facilitate expedited consultation, diagnostics and treatment
- Minimising intra-facility patient transfer and reducing patients' walking distance across services by nearly half
- Enabling closer and synchronous collaboration between clinicians and allied health services
- Streamlining prescription and medication collection for greater accessibility and convenience

Originally situated at the NUH Main Building, the strategic relocation of the Centres to Levels 18 and 19 of the Medical Centre marks an important milestone in the first stage of the NUH redevelopment plan, a major transformative endeavour to meet growing healthcare needs in the Western region.

Orthopaedic Surgery Centre: Strengthening care with innovation:

The opening of the new Orthopaedic Surgery Centre strengthens care for sports injuries and also serves as a launchpad for innovative treatments, including Singapore's first stem cell treatment for cartilage repair, performed by Professor James Hui, Head & Senior Consultant, Department of Orthopaedic Surgery, NUH, in 2005. The expanded infrastructure – featuring new procedure rooms and enhanced treatment capabilities – will further enable the Centre to widen its reach and expand its innovation and advanced treatment footprints.

Hand & Reconstructive Microsurgery Centre: Handing hope for complex injuries

The new Hand & Reconstructive Microsurgery Centre (HRMC) features a dedicated day surgery suite equipped with fluoroscopic and ultrasound capabilities, as well as an adjacent recovery facility to support efficient and post-operative care.

The suite enables patients to undergo procedures earlier and facilitates a seamless recovery journey.

HRMC provides comprehensive care for trauma and diseases affecting the hand, wrist, and upper limb, and offers round-the-clock microsurgical service. It serves as a regional referral centre for digital, hand and major limb replantation, achieving success rates comparable to international standards.

Rehabilitation Centre: Restoring normalcy to everyday life

Rounding up the patient journey, the Rehabilitation Centre brings physiotherapy, occupational therapy, speech therapy, and podiatry services into one space, providing a seamless transition from the Orthopaedic Surgery Centre and HRMC. This allows patients to easily set up appointments with both their doctors and their allied health professionals (AHPs) on the same day and traverse between the two centres. Its design encourages collaboration between clinicians and AHPs, improving care coordination and innovation.

The Rehabilitation Centre features a dynamic indoor running and mobility track for one-stop functional assessments and a dual plinth setup that increases capacity by over 40 per cent to reduce patient wait times.