

Singapore General Hospital opens CoE for robotic-assisted surgery

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Centre established as part of a two-year strategic collaboration with Johnson & Johnson MedTech



Singapore General Hospital (SGH) has announced the launch of a Centre of Excellence (CoE) for robotic-assisted surgery, ensuring orthopaedic surgeons are equipped with knowledge of emerging technologies as the population ages and surgical needs evolve.

The Centre is established as part of a two-year strategic collaboration, formalised through a Memorandum of Understanding (MoU), with Johnson & Johnson MedTech with an initial focus on training and research in total knee replacement.

The CoE will serve as the primary training destination for surgeons across Southeast Asia, and host comprehensive training programmes and regional preceptorship sessions.

The collaboration encompasses three key areas:

- 1. Training Curriculum:** SGH and Johnson & Johnson MedTech will co-develop comprehensive training curriculum incorporating the latest breakthroughs and best practices in robotic-assisted total knee replacement surgery for medical professionals, including nurses, from Singapore and Southeast Asia.
- 2. Training Facilities:** SGH's state-of-the-art facilities, together with early access to Johnson & Johnson MedTech's advanced robotic technology, will serve as a regional hub for robotic-assisted surgery training. As the designated centre, SGH will host in-person training sessions and regional preceptorship programmes for surgeons in Singapore and Southeast Asia.
- 3. Ongoing Research and Innovation:** SGH and Johnson & Johnson MedTech will explore novel surgical approaches to improve patient outcomes. This includes optimising workflows in robotic-assisted surgery environments to improve surgical planning and reduce operating room turnaround times, ultimately enhancing surgical efficiency.

