

KFSH Showcases Saudi Healthcare Innovation at Trilateral Commission Tokyo Plenary Meeting 2026

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King Faisal Specialist Hospital and Research Centre (KFSH) is highlighting its role as a global driver of healthcare innovation during its participation in the Trilateral Commission Tokyo Plenary Meeting 2026, underscoring how specialized medical institutions can transform advanced science into tangible improvements in patient care.

The Trilateral Commission is a non-governmental forum that brings together leaders from business, government, academia, and civil society across North America, Europe, and Asia-Pacific to discuss major geopolitical, economic, and societal challenges. Its plenary meetings provide a platform for dialogue on issues shaping global policy and international cooperation, including the responsible use of emerging technologies.

As international leaders convene in Tokyo to discuss the forces shaping global progress, KFSH brings a healthcare model built on precision, translational research, advanced therapeutics, and complex clinical innovation. Its experience demonstrates that the next era of healthcare will be defined not only by access to technology, but by the ability to integrate technology into safe, scalable, and patient-centered systems.

KFSH has moved beyond adopting innovation to create new global standards in specialized medicine. In robotic surgery, the hospital performed 1,370 robotic surgeries in 2024, a 28% increase from the previous year, while achieving several world firsts, including the first complete robotic heart transplant, the first complete robotic liver transplant, and the first robotic resection of an intracranial brain tumor. These milestones reflect KFSH's ability to combine advanced surgical infrastructure with highly specialized clinical expertise.

The hospital's innovation agenda also extends to personalized medicine. KFSH's 3D Printing Services Department secured ISO 13485:2016 certification, the global quality management standard for medical device design and manufacturing. In 2023, the department produced more than 1,100 physical models and over 5,000 digital simulations, helping shorten average surgery time by 30% and reduce complications by 85%.

In advanced therapeutics, KFSH is strengthening Saudi Arabia's position in biotechnology and precision medicine through local production of CAR-T cell therapy. The hospital has reduced

CAR-T treatment costs from SR 1.3 million to around SR 250,000 per patient and cut manufacturing time from 28 days to 12-14 days, while targeting 100 gene-therapy treatments annually.

KFSH's latest surgical achievements further illustrate its innovation-led model. In 2026, it performed the world's first series of single-port robotic living donor liver resections through incisions not exceeding 3.5 cm, with six donors experiencing minimal blood loss, no complications, and discharge within two to three days.

Through its participation in Tokyo, KFSH reinforces a clear global message: healthcare innovation is most powerful when it is translated into safer procedures, faster recovery, localized therapies, and better outcomes for patients.

King Faisal Specialist Hospital has been ranked first in the Middle East and North Africa and 12th globally among the world's top 250 Academic Medical Centers for 2026 and recognized as the most valuable healthcare brand in the Kingdom and the Middle East according to Brand Finance 2026. It has also been listed by Newsweek among the World's Best Hospitals 2026, the World's Best Smart Hospitals 2026, and the World's Best Specialized Hospitals 2026.

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