

Fujitsu, Tsuda University launch joint research on healthcare services in Japan

August 30, 2022 | News

'Care pathways' to realise transparent and overall coordination of patient treatment



Fujitsu and Tsuda University have announced the launch of a social design joint research project to realize sustainable and flexible community healthcare services in Japan. The project aims to realize a framework to provide patients with high-quality medical and health services even with limited social resources by leveraging converging technologies: advanced technologies that combine computer sciences including AI with the humanities and social sciences such as empirical economics.

Within this project, Fujitsu and Tsuda University will digitize so-called "care pathways," the flow of medical and health services that patients receive, including disease prevention, treatment, and prognosis.

Leveraging Fujitsu's AI technology to predict patients' conditions on the care pathway from medical and health data and Tsuda University's findings from empirical economics, the two parties will analyze patients' care pathways and identify bottlenecks in existing regional healthcare systems to ultimately offer patients more efficient and high-quality health services.

By the end of FY 2024, Fujitsu aims to connect people with medical institutions, companies, and governments, and apply the sustainable and highly flexible care pathway design technology developed in this joint research to help realize a more consumer-centric industry and society.