

Hitachi's first proton therapy system to start treatment in Southeast Asia

05 October 2023 | News

National Cancer Centre Singapore deploys Hitachi's proton therapy system

Japanese firm Hitachi has delivered to National Cancer Centre Singapore (NCCS) a proton therapy system, with which NCCS has completed the first patient treatment. This marks Hitachi's first proton therapy system to start treatment in Southeast Asia.

This system, installed in the basement of the new building of NCCS with 24 floors above ground, consists of five treatment rooms, four with rotating gantries and one with fixed beam, equipped with Real-time image Gating system for Proton Therapy (RGPT) to treat tumors in motion due to respiration and advanced spot scanning technology to irradiate even tumors with complex shapes with high precision.

NCCS is a leading national and regional tertiary cancer centre with specialists who are experts in treating cancer. The new NCCS building has increased capacity and expanded facilities dedicated to cancer treatment, rehabilitation, research and education all under one roof.

Hitachi provides products and services of particle therapy systems with higher performance and added value, which can be found in leading hospitals around the world, ranging from proton therapy system, heavy ion therapy system to hybrid system combined with the capabilities of proton and carbon therapy. With over 85,000 patients treated to date, the systems have an excellent reputation for reliability.