

Hitachi's First Heavy Ion Therapy System to sell in Taiwan

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Hitachi's Heavy Ion Therapy System to be supplied to Taipei Veterans General Hospital



Hitachi Ltd. has received an order for a heavy ion therapy system from the Taipei Veterans General Hospital (Deh-Ming Chang, MD, PhD; Superintendent) in Taiwan. The order marks Hitachi's first heavy ion therapy project outside of Japan.

The heavy ion therapy system will include real time image gating motion management, enabling it to treat tumors in motion due to respiration and advanced spot scanning technology to irradiate even tumors with complex shapes with high precision. Particle therapy treatment planning will utilize imaging data and calculate the appropriate dose to prepare the most suitable, patient-specific treatment plans.

The two-room facility, each equipped with both horizontal and vertical ports, will be installed in a new wing of the Taipei Veterans General Hospital, establishing it as the first heavy ion therapy system in Taiwan.

The new facility will be the first heavy ion treatment center in Taiwan. It is intended to address the unmet demand beyond the capacity of an existing proton therapy system in a private hospital in Taiwan.

Hitachi has announced plans to integrate Mitsubishi Electric's particle therapy system business to further advance precision and increase value in both products and services starting with its one room proton therapy treatment system.

As Hitachi expands its healthcare business, it will continue to accelerate the globalization of its particle therapy system business and contribute to cancer treatment around the world.