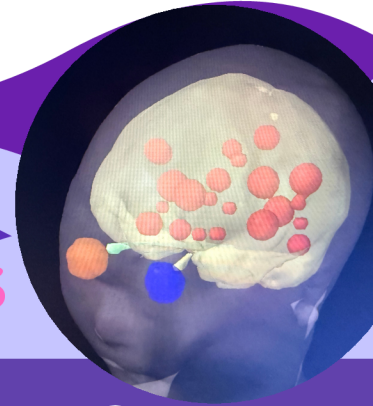




St. Teresa's Hospital
Oncology Centre



Benefits of using HYPERARC

Simultaneous Treatment of Multiple Tumors

The HyperArc system optimizes the entire radiation dosimetry process, multiple brain tumors could be treated within a single treatment plan simultaneously, . Significantly shortens the treatment time and the time immobilized on the treatment couch, further reduce discomfort during therapy. It is especially suitable for treating multiple metastatic brain tumors.

Automated One-Click Treatment System

HyperArc is an advanced and efficient stereotactic radiosurgery technology. After patient positioning, the system automatically moves the machine and treatment couch to the target location with just one click.

Compared with traditional stereotactic radiosurgery, therapists required multiple verifications and adjustments that typically take about an hour, HyperArc shortens the entire process to about 15 minutes. This significantly improves treatment efficiency and enhances patient comfort, and reduces human error. The system has been clinically validated.



Features of HYPERARC

Encompass™ Personalized Immobilization Device

We use a personalized Encompass™ immobilization mould that securely fixes the head position with a two-part thermoplastic design (upper and lower layers) to ensure precise positioning during treatment. The open-face mask design provides comfort and allows easy breathing throughout the session, helping even patients with claustrophobia feel at ease during treatment.

HyperArc Personalized Radiation Plan

HyperArc system delivers radiation from multiple planes and angles, allowing the radiation dose to fall off rapidly outside the target area. This approach helps protect surrounding healthy brain tissue and critical nerves to the greatest extent possible.



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HYPERARC

A radiation therapy system developed by Varian, designed to deliver non-invasive and highly precise stereotactic radiosurgery for both benign and malignant brain tumors.

This system is fully automated, allowing therapists to begin treatment with a single click after patient setup, which helps reduce preparation time and streamline the overall treatment process.

HyperArc can treat multiple brain tumors within one treatment plan and complete complex stereotactic procedures within 15 minutes.