

Jerudong Park Medical Centre

RADIOTHERAPHY

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RADIOTHERAPY

Radiotherapy uses high-energy radiation to destroy cancer cells or control their growth. It may be used on its own or alongside other cancer treatments.

Every treatment plan is carefully designed to target the area requiring treatment while limiting radiation exposure to surrounding healthy tissues. The medical team will inform patients of the recommended treatment,the expected benefits and possible side effects.

Available world-class radiation technologies:

- Varian TrueBeam
- Varian Edge
- Varian Bravos HDR Brachytherapy



VARIAN TRUEBEAM

TrueBeam is a precise treatment for a wide range of cancers.

It combines advanced imaging with carefully controlled radiation delivery. It enables our team to shape treatment around the target and check the positioning, supporting an individualised approach to care.

External beam treatment is delivered from outside the body without surgical incisions.

VARIAN EDGE

Edge is a focused treatment for selected tumours.

The only linac in Borneo Island within the few units available worldwide, supports stereotactic radiosurgery (SRS) and stereotactic body radiotherapy (SBRT), which deliver highly focused radiation to selected targets in the brain and body.

For patients with suitable conditions, these techniques may allow treatment in a small number of sessions after thorough assessment by our radiation oncologist.



VARIAN BRAVOS HDR BRACHYTHERAPY

High-dose-rate (HDR) brachytherapy is a targeted internal radiotherapy for gynaecological cancers.

Using the Varian Bravos system, a small radioactive source is temporarily guided through specially positioned applicators to deliver radiation within or close to the treatment area. This approach delivers a concentrated dose to the target while limiting radiation exposure to surrounding healthy tissues.



CONDITIONS WE TREAT:

Specialist radiotherapy for cancer and selected non-cancerous conditions

Our radiotherapy service provides personalised treatment for a range of cancers and selected benign conditions. Each patient is assessed individually, with treatment recommendations guided by the diagnosis, location of the condition, previous treatment and overall health.

Cancer care

We provide radiotherapy for cancers affecting the brain and spine, head and neck, lungs, gastrointestinal tract, liver, pancreas, prostate and gynaecological organs. Treatment may form part of a comprehensive cancer care plan or help relieve symptoms and improve comfort.

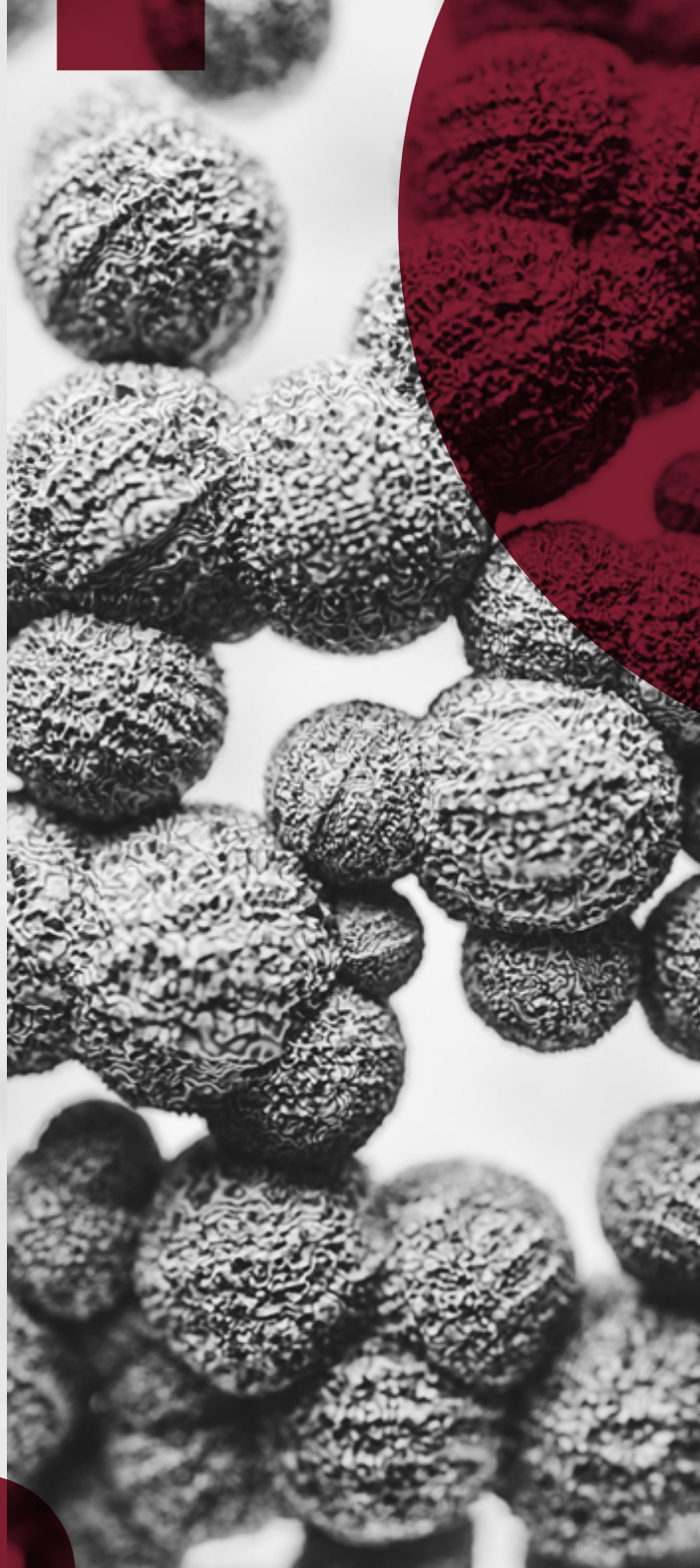
Selected non-cancerous conditions

Our expertise also extends to carefully selected conditions that may benefit from targeted radiation treatment, including:

- **Arteriovenous malformations (AVMs)** — abnormal connections between blood vessels.
- **Acoustic neuromas (vestibular schwannomas)** — benign tumours involving the nerve responsible for hearing and balance.
- **Pituitary tumours —** selected tumours arising in the pituitary gland.
- **Keloid scars —** raised scar tissue, for which radiotherapy may be considered as part of a coordinated treatment plan.
- **Other selected benign tumours and conditions,** following specialist assessment.

Patient focused care includes:

- Personalised treatment with clear communication on treatment plan
- High precision and zero incision treatment for patient comfort
- Short duration of treatment to maximise daily convenience
- Multidisciplinary and globally trained medical team managing patient safety and care





GET IN TOUCH WITH OUR INTERNATIONAL PATIENT RELATIONS TEAM

For appointments, package enquiries, personalised quotations, or further information, scan the QR code below to contact us.

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