



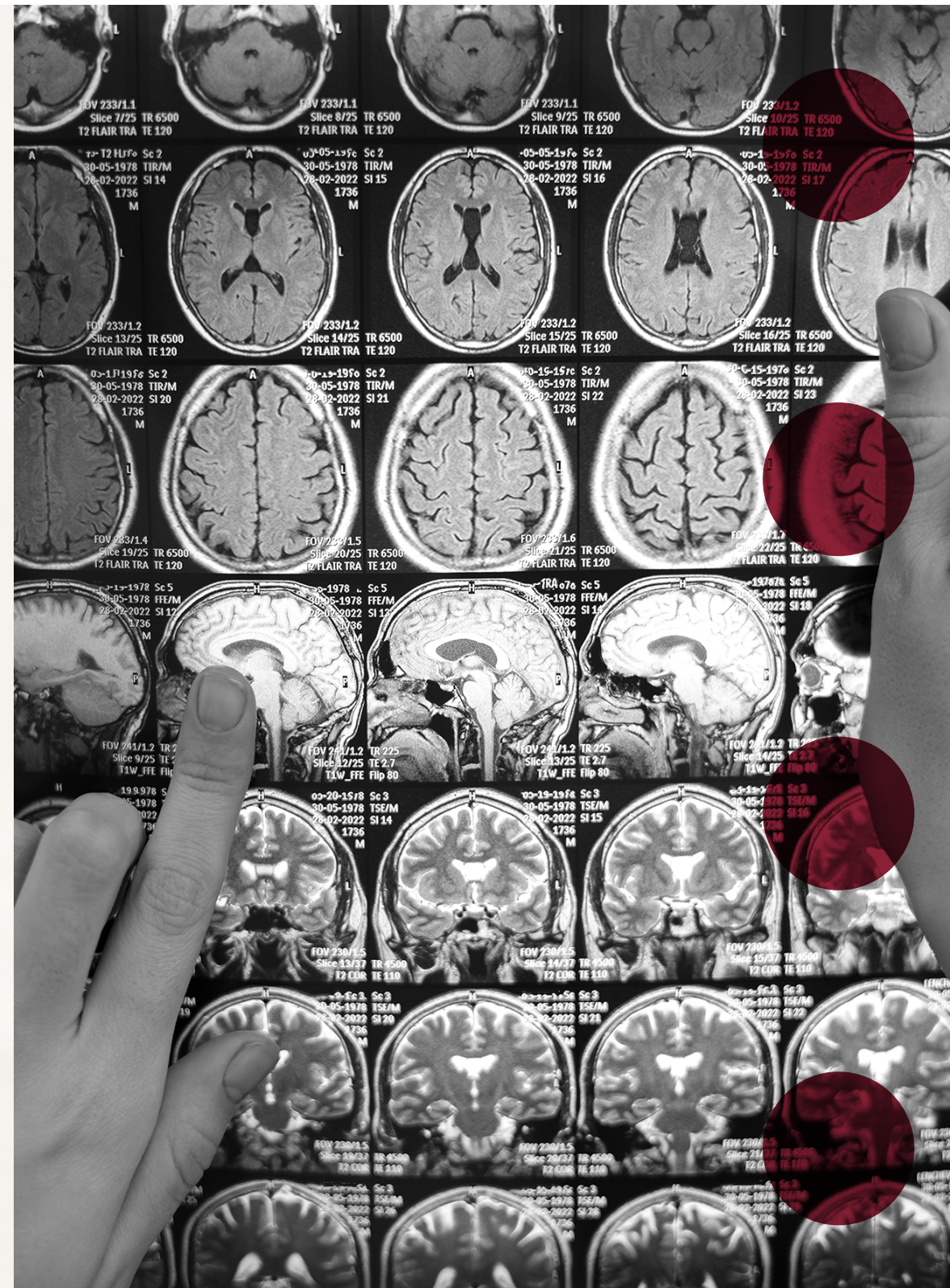
Jerudong Park Medical Centre

NEUROSURGERY

FOR MORE INFO VISIT: WWW.JPMCBRUNEI.COM

NEUROSURGERY

Equipped with state-of-the-art operating theatres, including a hybrid operating theatre, the unit provides surgical treatment for disorders affecting the brain, spinal cord and peripheral nerves, such as stroke, brain and spinal tumours, and other spinal conditions.



SCOLIOSIS SURGERY

Comprehensive Scoliosis Care

We provide personalised scoliosis care designed to support posture, spinal alignment, mobility, and long-term quality of life.

Our scoliosis services include:

- Scoliosis screening and assessment
- Customised scoliosis bracing
- Rehabilitation and physiotherapy support
- Advanced scoliosis deformity correction surgery
- Comprehensive spine care by a multidisciplinary team

Non-Surgical Scoliosis Management

For suitable patients, early assessment and non-surgical treatment may help manage spinal curvature progression and improve posture.

Available non-surgical care includes:

- Custom scoliosis braces tailored to patient needs
- Rehabilitation programmes focused on posture, strength, and mobility
- Ongoing monitoring and follow-up care

Our Treatment Approach

- Early detection and timely intervention
- Personalised treatment planning
- Supporting daily comfort and mobility
- Long-term spine health management

Scoliosis Surgery

When Surgery Becomes the Best Option

For patients with more severe spinal curvature or progressive scoliosis, surgical correction may help improve spinal alignment, balance, and overall quality of life.

Our surgical care includes:

- Advanced scoliosis deformity correction procedures
- Complex spine fusion and fixation techniques
- Comprehensive perioperative care and rehabilitation support
- Multidisciplinary spine care tailored to each patient



NEUROVASCULAR SERVICES

Advanced Neurosurgical Care for Cranial Vascular Conditions

We provide specialised neurosurgical care for complex cranial conditions involving abnormal blood vessels, including spinal arteriovenous malformations (AVMs) and arteriovenous fistulas.

Spinal vascular conditions occur when abnormal blood vessels affect the spinal cord, which may impact nerve function and spinal health.

Conditions we treat:

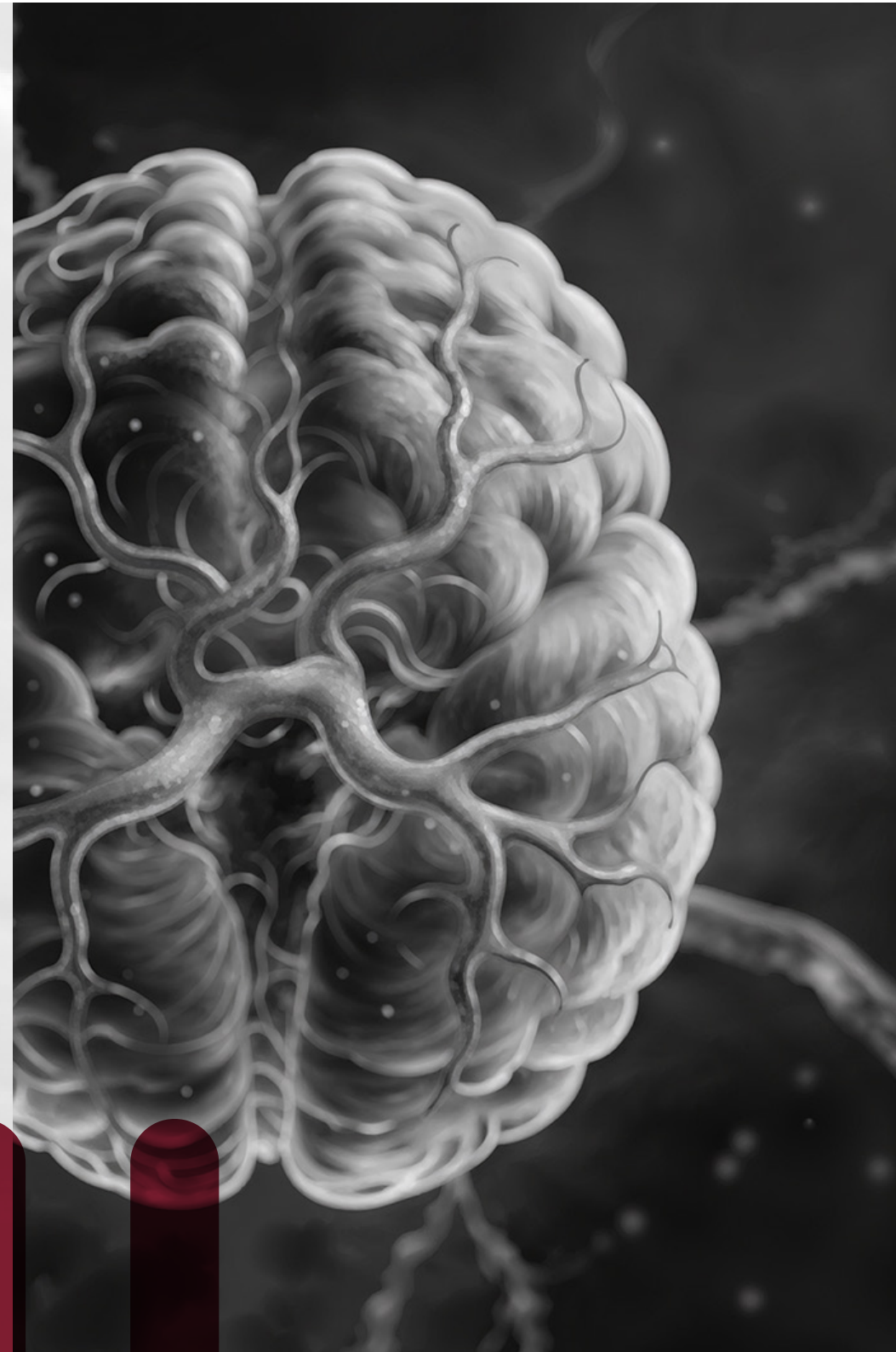
- Arteriovenous Malformations (AVMs) Brain and spinal cord AVMs
- Aneurysms: Cerebral Aneurysms (unruptured and ruptured)
- Ischemic Stroke: Acute stroke intervention and prevention
- Vascular Tumors Hemangioblastomas, cavernous malformations
- Carotid & Vertebral Artery Disease. Stenosis and dissections

Advanced Diagnostics

- Digital Subtraction Angiography (DSA)
- CT Angiography & Perfusion Imaging
- MR Angiography & Advanced MRI sequences
- Neurophysiological Monitoring

Our Treatment Approach

- Microsurgical Clipping & Resection: For aneurysms, AVMs, and tumors
- Endovascular Coiling & Embolisation: Minimally invasive treatment for aneurysms and AVMs
- Flow Diverter Stents: Advanced aneurysm therapy



BRAIN TUMOR SURGERY

Comprehensive Brain Tumor Surgery

We deliver comprehensive surgical neuro-oncology care using advanced, minimally invasive techniques to treat complex cranial conditions, prioritising maximum safety and the preservation of neurological function.

- Treatment of all benign brain tumours (e.g. meningiomas)
- Surgical management of gliomas and metastatic brain tumours
- Minimally invasive stereotactic biopsies of deep-seated brain lesions

SPINE SURGERY

Spinal Tumor Surgery

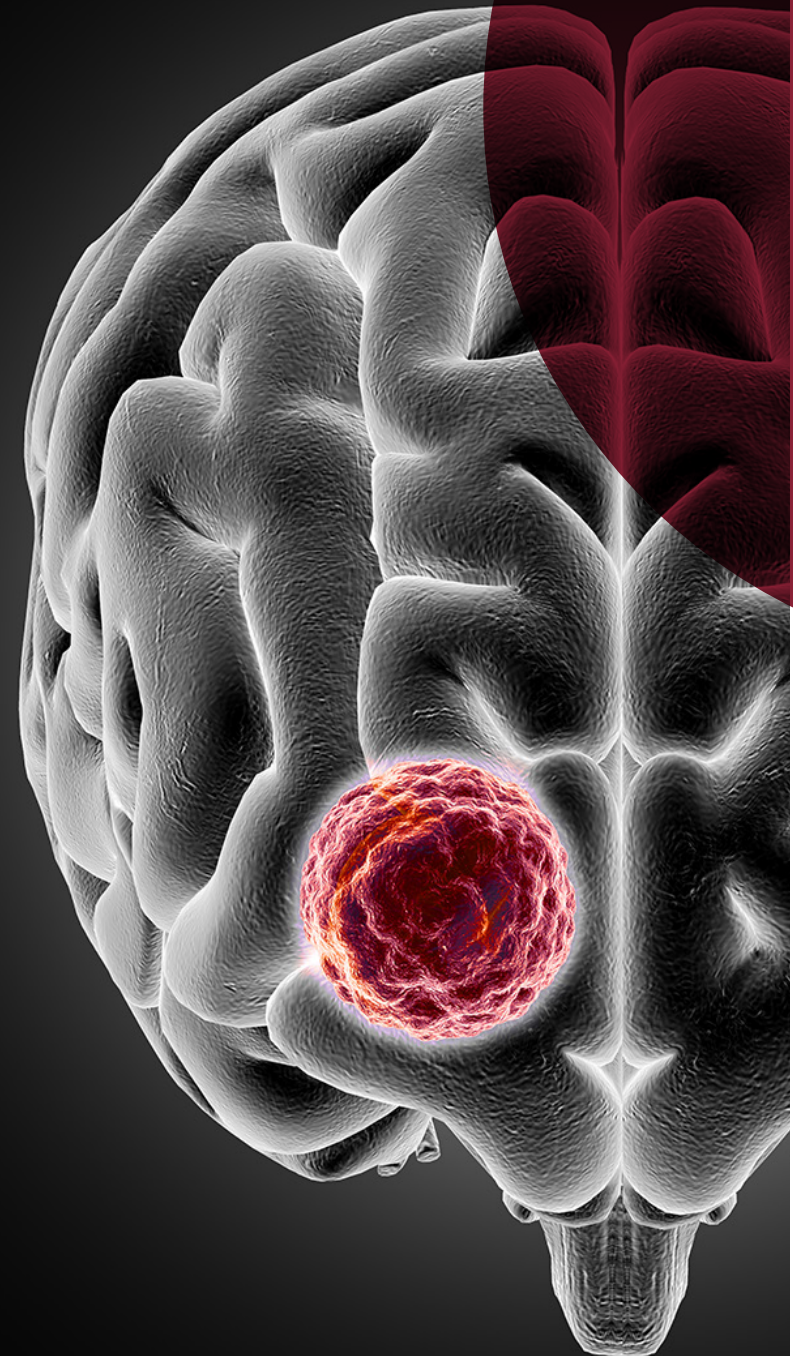
- Intradural and extradural spinal tumours
- Comprehensive treatment of Metastatic spine disease
- Management of spinal vascular lesions (AVMs and Dural Fistulas)

Degenerative spine disease

- Minimally invasive spine surgery for Lumbar and Cervical discectomies
- Complex spine fusion and fixations (Corpectomies / TLIF / MIS fixations)
- Kyphoplasty and vertebroplasty for osteoporotic fractures
- Diagnostic and therapeutic injections
- Surgical management of CV junctions anomalies

Specialty Spine Clinics

- Back pain clinic
- Scoliosis clinic





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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