



POST FELLOWSHIP EDUCATION AND TRAINING POSITIONS

ACCREDITED POSITIONS – SPINAL SURGERY

Austin Hospital, Melbourne

This position combines Neurosurgical and Orthopaedic spinal surgery in adults. Working closely with both Units, the candidate will experience extensive exposure to all aspects of spine surgery, including complex elective and trauma cases. Patients are referred to this State-wide service and acute cases are admitted directly. There is outpatient followup and opportunities for research and teaching.

Duration: 12 months full time
Remuneration: More than \$50,000 and less than \$75,000
Supervisor: Mr Gerald Quan, Orthopaedic Surgeon

John Hunter Hospital

The successful applicant will undergo clinical attachment to the neurosurgical and orthopaedic spinal surgery services. The John Hunter Hospital has a busy trauma service and exposure to a wide range of traumatic spinal disorders is offered. The fellow would participate in the surgical treatment of spinal disorders affecting children and adults. It is anticipated the fellow would develop familiarity with anterior and posterior approaches to the spinal column including techniques of operative fixation and deformity correction. The fellow would be expected to undertake clinical research in association with the spinal surgery service and its prospectively collected data base. The spinal surgery service runs a combined monthly meeting of surgeons, radiologists, allied health professionals and junior medical staff in which operative cases are audited and activity is presented.

Duration: 12 months full time
Remuneration: More than \$50,000 and less than \$75,000
Supervisor: Mr Richard Ferch, Neurosurgeon

Royal Melbourne Hospital and Melbourne Private Hospital

The Spinal Surgery fellow will be involved in the assessment, investigation and management of patients with all forms of spinal pathology. The exposure will be from basic to complex instrumented spinal fusion surgery encompassing all aspects of the spine. An understanding of the biomechanics and the decision making process will underpin the essential development in attaining the knowledge base in the management of patients requiring spinal surgery. The fellow will liaise with the trauma and oncology unit when patients with spinal pathology require assessment and management. The neurosurgical unit has a strong input into the surgical aspects of pain management and pain service. The fellow will be expected to maintain a close association with the pain service and enhance the multidisciplinary approach in the care of these complex patients.

The fellow will be expected to be involved with clinical research and help develop guidelines in the management of patients with spinal pathology in its multifaceted components.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Mr Bhadu Kavar, Neurosurgeon



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Neurosurgical Society of Australasia

St Vincent's Public and Private Hospitals, Melbourne

This position is ideal for a candidate who wishes to further improve on spine management and complex spinal procedures. The candidate will receive extensive exposure to all aspects of spine surgery especially degenerative cervical and lumbar disc diseases and their management including complex spinal instrumentation. Complete ongoing management of patient care starting at initial diagnosis made in clinic, admission to the hospital for surgery and finally at outpatient post operative care clinic. There are also opportunities for research and teaching of junior registrars and residents.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Mr Tiew Han, Neurosurgeon

St Vincent's Private Hospital Sydney and Concord Hospital

The fellowship provides a twelve month in depth exposure to all aspects of adult spine surgery. There is a particular emphasis on minimally invasive spine surgery techniques. The fellow will be exposed to more than four hundred surgical procedures performed by the supervisors. The fellow will receive education and instruction in minimally invasive decompression procedures, open, mini open and percutaneous spine fusion procedures, disc replacement (both cervical and lumbar) and vertebral body reconstruction techniques. Dr Steel has particular expertise in managing occipito cervical junction pathology and complex spine fixation for adult scoliosis. The use of stereotactic navigation is widely employed at all levels in the spine. The fellowship involves both clinical and research aspects.

Duration: 12 months full time
Remuneration: More than \$50,000 and less than \$75,000
Supervisor: Dr Timothy Steel, Neurosurgeon

ACCREDITED POSITIONS – CEREBROVASCULAR

Macquarie University Hospital

Appointed Fellows will complete a competency based course in the subspecialty of cerebrovascular neurosurgery. The training techniques of the Australian School of Advanced Medicine at Macquarie University allows scholars to develop their technical skills with optimum efficiency while developing other surgical qualities including a commitment to lifelong learning, research, teaching, ethics and professionalism.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Professor Michael Morgan, Neurosurgeon

Royal Adelaide Hospital

A fellow on completion of this fellowship would understand the relevant literature regarding the best management for patients presenting with elective and acute vascular pathology. He/ she would be confident in surgical management of common neurovascular pathology. He/ she would have an extensive knowledge of the cerebral vascular anatomy.

Duration: 12 months full time
Remuneration: More than \$50,000 and less than \$75,000
Supervisor: Associate Professor Brian Brophy, Neurosurgeon



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Neurosurgical Society of Australasia

Royal Melbourne Hospital and Melbourne Private Hospital

Successful completion of the fellowship should enable the fellow to have competency in the clinical management of intracranial aneurysms, arteriovenous malformations, cavernous angiomas, cerebral ischaemic and haemorrhagic stroke and dural arteriovenous fistulae. After completion of the fellowship it would be expected that a successful fellow should be able to demonstrate microsurgical competency in the clipping of uncomplicated anterior circulation aneurysms, microsurgical excision of Spetzler-Martin grades 1-2 AVMs, and would have a sound insight and skills required for further independent development of cerebrovascular skills. The fellow will be involved in a large number of cases managed by endovascular therapies and will develop a sound understanding of the principles, indications and risks associated with endovascular treatment.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Mr John Laidlaw, Neurosurgeon

St Vincent's Public and Private Hospitals, Melbourne

This position is ideal for a candidate who wishes to further improve on the management of Cerebrovascular conditions, in particular with exposure to aneurysms and arteriovenous malformations. The neurosurgeons and interventionists have formed a multidisciplinary team to discuss, present and provide the most appropriate form of treatment for patients. Complete ongoing management of patient care starting at initial diagnosis, admission to the hospital for surgery and finally at outpatient post operative care clinic. There are also opportunities for research and teaching of junior registrars and residents.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Associate Professor Michael Murphy, Neurosurgeon

ACCREDITED POSITIONS - PAEDIATRIC NEUROSURGERY

The Children's Hospital at Westmead

This is a post fellowship position (FRACS neurosurgery) and the candidate would have completed the compulsory paediatric neurosurgery component of training. No previous subspecialty fellowship training required.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Dr Raymon Chaseling, Neurosurgeon

ACCREDITED POSITIONS – NEURO-ONCOLOGY

Royal Melbourne Hospital and Melbourne Private Hospital

The Neuro-Oncology Fellow will obtain a broad experience in all aspects of clinical neuro-oncology. This would include outpatient, inpatient and operative care of patients with all types of adult brain tumours, including interaction with all members of the multidisciplinary team. They would experience a close association with the oncology, endocrinology, neuroradiology, neuropathology, epilepsy, psychiatry and allied health teams. The Neuro-Oncology Fellow would be expected to undertake clinical research and to be involved in all aspects of translational and clinical trial research being undertaken in the unit and to oversee data and tissue collection. They would be expected to take a lead role in the management of all patients with brain tumours and to have a close interaction with the brain tumour research laboratories. They would be expected to undertake educational activities for junior medical staff.

Through this broad and in-depth experience the Neuro-Oncology Fellow would attain an advanced understanding and application of scientific knowledge relevant to complex Neuro-oncology conditions, advanced procedural experience and operative skill as well as a broad experience of pre-and post-operative management



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Neurosurgical Society of Australasia

of these patients. In addition, they would attain a understanding of, and mentoring in, the psychosocial care of these patients, including communication skills, health advocacy and palliation.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Dr Kate Drummond, Neurosurgeon

St Vincent's Public and Private Hospitals, Melbourne

The position is ideal for a candidate who wishes to further improve on their management of tumours and be exposed to complex tumour procedures. There is complete ongoing management of patient care starting at initial diagnosis made in clinic, admission to the hospital for treatment and finally at post operative care clinic. There are also opportunities for research and teaching of junior registrars and residents.

Duration: 12 months full time
Remuneration: More than \$75,000
Supervisor: Mr Christopher Thien, Neurosurgeon
