



The Surgical NeuroDiscovery Group Invites All to a Discussion of
Advancements in Functional Neurosurgery Research

The Surgery of Novel Brain Targets in Parkinson's Disease

What we can learn about the human brain

Mr Sonnie Khan
Functional Neurosurgery Fellow
Frenchay Hospital, Bristol, UK

1-2 pm Lecture + Discussion
Friday 20th June 2008
Australian Neuromuscular Research Institute Seminar Auditorium
4th Floor, A Block
QE II Medical Centre

Light Lunch provided at 12:30 pm

Everyone is Welcome

The Speaker

Mr Khan's current MD project involves implanting deep brain stimulation electrodes into the caudal zona incerta and the pedunculopontine nucleus of the midbrain for the novel treatment of Parkinson's disease with on-period freezing and parkinsonian gait disorders. His supervisor Professor Steven Gill reported the first series of PPN stimulators in humans, the first demonstration of neuronal regeneration in chronic human putaminal infusion of glial cell-derived neurotrophic factor, and is the pioneer of new methods of surgical electrode and drug delivery. Mr Khan is passionate about improving outcomes for his patients with movement disorders and learning more about how the brain works by studying the results of surgical intervention.

About Us

The Surgical NeuroDiscovery Group is a new collaborative academic functional neurosurgical research group within the Centre for Neuromuscular and Neurological Disorders, UWA and the West Australian Neurosurgical Service. Weekly joint Functional Neurosurgery/Movement Disorder Clinics are held at the Australian Neuromuscular Research Institute where patients are managed collaboratively in an academic environment.

Conveners: Jude Newberry

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