

## INVITED GUESTS



**Professor Randall M Chesnut**  
Seattle, United States  
of America

Dr. Chesnut is a Professor of Neurological Surgery at the University of Washington School of Medicine, and an attending physician at Harborview Medical Center and the University of Washington Medical Center. Dr. Chesnut also holds a joint appointment as Professor in the department of Orthopaedics and Sports Medicine. He serves as Director of Brain and Spine Injury Services in the Department of Neurological Surgery, Harborview Medical Center, Seattle, Washington.

### Patient Care

#### Dr. Chesnut's clinical practice focuses on:

- Surgical and critical care management of acute traumatic brain injury.
- Surgical and critical care management of acute spinal cord and spinal column injuries.
- Sports-related spinal cord and spinal column injuries with an interest toward early return to play.
- Failed spinal surgery.
- Adult spinal deformity.

### Research

#### Dr. Chesnut's research interests are:

- Brain injury and trauma care systems in developing countries.
- Prospective investigations of outcome from acute brain injury in adults and children in developing countries.
- Early mobilisation from acute spinal column injuries.
- Targeted therapy in the management of traumatic brain injury.
- Evidence based medicine in traumatic brain injury management and spine surgery.



**Professor Steven S Gill**  
Bristol, United Kingdom

Steven Gill was appointed as a Consultant Neurosurgeon at Frenchay Hospital, Bristol in 1993 having trained predominantly at the National Hospital, Queens Square, London. He has wide-ranging clinical and academic interests with contributions in the field of oncology, including, the invention of a relocatable stereotactic frame for fractionated radiotherapy (GTC Frame) and is currently developing novel techniques for convection enhanced delivery of chemotherapy to the brain.

In the field of Functional Neurosurgery, he has pioneered Deep Brain Stimulation of the Zona Incerta to treat Parkinson's disease and all forms of tremor and stimulation of the pedunculo pontine nucleus to treat gait disorders. He carried out the first clinical trial of infusing a neurotrophin, GDNF, into the striatum and demonstrated reversal of PD with induction of neural regeneration. In the field of spinal surgery his particular interest is cervical arthroplasty and is the inventor of the Prestige cervical joint.



**Dr Christopher Wallace**  
Toronto, Canada

A graduate of the Queen's University School of Medicine in 1980, Dr Wallace entered the Neurosurgical Training Program at The University of Toronto in 1982 after completing a straight surgical internship at Mount Sinai Hospital in Toronto. He obtained his M.Sc. from the Institute of Medical Science at the University of Toronto in 1986. Dr Wallace became a Fellow of the Royal College of Physicians and Surgeons of Canada in 1986. After performing a clinical fellowship in Cerebrovascular Neurosurgery with Drs Peerless and Drake at the University of Western Ontario in 1987, he did a research fellowship with Professor Teasdale at the University of Glasgow, Scotland in 1988. Dr Wallace joined the Neurosurgical Staff at the Toronto Western Hospital in 1988.

He is currently Professor in the Department of Surgery, Program Director of the Division of Neurosurgery, inaugural Chair Holder of the Fondation Baxter et Alma Ricard Chair in Cerebrovascular Neurosurgery established in 1996, and Director of the Cerebrovascular Research Laboratory within the Research Institute of the Toronto Western Hospital. His main clinical interest is the neurosurgery of cerebrovascular disease, and his primary research interest is in models of cerebral protection following ischemic injury. Dr Wallace is a respected surgical educator who has received numerous teaching awards at the University of Toronto since his appointment to the Neurosurgical Staff.



**Mr Raymond Cook**  
Sydney, Australia

Raymond Cook is a practicing Neurosurgeon at Royal North Shore Hospital, Sydney, Australia since 1993 having schooled in Sydney at Newington College. His medical degree was from Sydney University followed by resident and registrar positions at Royal Prince Alfred Hospital, Westmead Hospital, Royal Alexandra Hospital for Children, Sydney and Sir Charles Gairdner, Hospital, Perth. Post Fellowship (FRACS) training was predominantly in the UK at Atkinson Morley's, London, followed by a neuro-oncology fellowship at the University of Alabama, Birmingham.

Dr Cook's principal neurosurgical focus is in neuro-oncology and functional neurosurgery. He is currently Head of Neurosurgery at Royal North Shore Hospital and Chairman of the Sydney Neuro-Oncology Group which is a research organisation set up on the North Shore of Sydney as a charity funding neuro-oncological research.

**Mr Mark Dexter**  
Sydney, Australia

Mark Dexter graduated from the University of Sydney with First Class Honours and went on to train in Neurosurgery at the Royal Prince Alfred and Royal North Shore Hospitals, as well as the Children's Hospital at Westmead. This was followed by a two year fellowship at the University of Texas Southwestern Medical Centre at Dallas.

He is currently the Head of Neurosurgery at Westmead Hospital and the Area Director of neurosurgery for the Sydney West Area Health Service. He has appointments at the Children's Hospital at Westmead and at the Sydney Children's Hospital in Paediatric Epilepsy Surgery. His main clinical interests are in Paediatric neurosurgery, Epilepsy Surgery and Cerebrovascular diseases of adults and children.