



Professor Wai Sang Poon

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CURRICULUM VITAE

Personal data

Male, DOB: 20/12/1953, married
Three children

Qualifications

1978 MBChB, Glasgow University Medical School
1983 FRCS, Glasgow
1993 FHKAM, foundation fellow in surgery,
Specialist Neurosurgeon, Hong Kong Medical Council,

Present Appointments

1988 Chief, Division of Neurosurgery, Dept of Surgery, PWH, CUHK
1999- Professor I
2003 (Oct) Chair Professor

Previous Appointments

1980-1982 General Surgical Rotation, City & University Hospitals, Nottingham, U.K.
1983-1986 Career Neurosurgical Training, Institute of Neurological Sciences, Glasgow, U.K.
1990-1991 Visiting Research Fellow, Harvard Medical School, Department of Neurosurgery, Massachusetts General Hospital, Boston, U.S.A.

Research Interests

1. Hyponatraemia in Neurosurgical Patients
2. Clinical & Experimental Aspects of Head Injury
3. Neurovascular Interventional Therapy
4. Neuro-oncology
5. Telemedicine in Neurosurgical Practice

Clinical Interests

1. General neurosurgery for the teaching of medical student and training of specialist neurosurgeons
2. Neurosurgical Management of Pituitary Tumours
3. Stereotactic Surgical Management of Parkinson's Disease

University & Community Work

1. Head of Division of Surgery in Graduate Studies
2. Chairman, Specialty Board in Neurosurgery, College of Surgeons of Hong Kong (2001-4)
3. Council Member, College of Surgeons of Hong Kong (2001-4)
4. President of the Hong Kong Neurosurgical Society (1996-2000)
5. Member of Nominating Committee, World Federation of Neurosurgical Societies (1997-2001)
6. Secretary, Neuro-rehab Committee, World Federation of Neurosurgical Societies (2001-2005)
7. Member of the Editorial Board, Annals of the College of Surgeons of Hong Kong (2000-)
8. Member of International Advisory Board, British Journal of Neurosurgery (2002-)
9. Member of International Advisory Board, Neurosurgery (2002-)
10. Committee Member, Neurotraumatology Committee, World Federation of Neurosurgical Societies (2003 - 2007)

Research Grants

1. 1996-2000 Establishment of Deep Brain Stimulation for the Treatment of Advanced Parkinson's Diseases
2. 1997-2000 Health Service Research Committee: Intensive rehabilitation in traumatic brain injury
3. 1998-2000 Research Grant Council: Cerebral Haemodynamic Tests in traumatic brain injury
4. 1999-2001 Health Service Research Committee: The impact of Videoconsultation on the delivery of neurosurgical health services
5. 2000 CUHK Direct Grant: Continuous Intracranial Compliance Monitoring in the Management of Thalamic Haemorrhage
6. 2001 CUHK Direct Grant: Biochemical Brain Monitoring in the Management of Traumatic Brain Contusions
7. 2002 CUHK Direct Grant: Macrophage and Glioma
8. 2002-2004 Research Grant Council: Treatment of Aneurysmal Subarachnoid Haemorrhage with Magnesium Sulphate: a multicentre prospective randomized trial
9. 2003-2004 Research Grant Council : A CT Decision-making Tool for Mild Head Injury

Selected Publications

Author and co-author of 108 refereed papers and 19 refereed abstracts

1. Poon, Shoemaker, Deutsch and Martuza. Laser-induced fluorescence (LIF) for intraoperative delineation of tumour resection margins. *J Neurosurg* 1992;76:679-86.
2. Poon, Lolin, Yeung et al. Water and sodium disorders following surgical excision of pituitary region tumours. *Acta Neurochir (Wien)* 1996; 138: 921-7.
3. Hui AB, Lo KW, Yin XL, Poon WS, Ng HK. Detection of multiple gene amplifications in glioblastoma multiforme using array-based comparative genomic hybridization. *Lab Invest* 2001, 81 (5): 717-23.
4. Goh, Wickham, Poon et al. Haemostatic changes during surgery for primary brain tumour. *J Neurology Neurosurgery Psychiatry* 1997; 63: 334-8.
5. Poon, Ng, Wai. CSF antibiotic prophylaxis in neurosurgical patients with ventriculostomy: a randomised study. *Acta Neurochir (Wien)* 1998 (Suppl)71:146-8.
6. Ke C, Poon WS, Ng HK, et al. Heterogeneous responses of aquaporin 4 in oedema formation in a replicated severe traumatic brain injury model in rats. *Neurosci Lett* 2001, 301(1): 21-4.
7. Poon, Leung et al. The comparative impact of video-consultation on neurosurgical health services. *International J Med Informat.* 2001, 62(2-3):175-80.
8. Leung CH, Poon WS, Yu LM, Wong GK, Ng HK. Apolipoprotein E Genotype and Outcome in Aneurysmal Subarachnoid Haemorrhage. *Stroke* 2002; 33: 548-52.
9. Poon WS, Ng SC, Chan MT, Leung CH, Lam JMK: Neurochemical Changes in Ventilated Head-injured Patients with Cerebral Perfusion Treatment Failure. *Acta Neurochir (Suppl)* 2002, 81: 335-8.