

RESUME**Dr MAK Hoi Kwan, Calvin****Associate Consultant, Department of Neurosurgery, Queen Elizabeth Hospital, Hong Kong**

MBBS, MRCS (Edin), FRCSEd(SN), FHKAM(Surgery)

D.O.B.: 16th October, 1984

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WORKING EXPERIENCE**Associate Consultant, Neurosurgery**

Sept 2015 – Current Neurosurgery, Queen Elizabeth Hospital

Resident Specialist, Neurosurgery

Jul 2015 – Aug 2015 Neurosurgery, Queen Elizabeth Hospital

Resident, Higher Surgical Trainee, Neurosurgery

Feb 2015 – Jun 2015 Neurosurgery, Queen Elizabeth Hospital

Jul 2013 – Feb 2015 Neurosurgery, Kwong Wah Hospital

Jul 2012 – Jun 2013 Neurosurgery, Prince of Wales Hospital

Jul 2011 – Jun 2012 Neurosurgery, Queen Elizabeth Hospital

Jul 2010 – Jun 2011 Neurosurgery, Kwong Wah Hospital

Resident, Basic Surgical Trainee, Neurosurgery

Jan 2010 – June 2010 Neurosurgery, Kwong Wah Hospital

Jul 2009 – Dec 2009 Accident and Emergency Department, Princess Margaret Hospital

Jan 2009 – Jun 2009 General Surgery, Kwong Wah Hospital

Jul 2008 – Dec 2008 Neurosurgery, Kwong Wah Hospital

PROFESSIONAL AFFILIATIONS

Hong Kong Neuro-oncology Society

Council Member

Hong Kong Neurosurgical Society

Council Member

Head of IT Subcommittee, Member of Research and Education

Subcommittee (2015 – Current)

Hong Kong College of Surgeons

Vice President of Younger Fellows Chapter (2015 – 2017)

Hospital Authority Head Office
Kowloon Central Cluster (KCC) &
Queen Elizabeth Hospital (QEH)

Member of Central Committee (Trauma Service)
Chairman of Editorial Board of Website for KCC and QEH

ACADEMIC ACHIEVEMENT

Joint Specialty Fellowship Examination in Neurosurgery (with Royal College of Surgeons, Edinburg)

Sept 2014 Passed Joint Specialty Fellowship Examination in Neurosurgery

HK Intercollegiate Board of Surgical Colleges Membership Examination, MRCS (Edin)

Mar 2010 Passed HK Intercollegiate Board of Surgical Colleges Membership Examination Part 3

Nov 2008 Passed HK Intercollegiate Board of Surgical Colleges Membership Examination Part 2

Nov 2007 Passed HK Intercollegiate Board of Surgical Colleges Membership Examination Part 1

Bachelor of Medicine and Bachelor of Surgery, the University of Hong Kong (2002 – 2007), MBBS

:: Passed with Distinctions

Year 5 Dr Mary Hui Ling Li Scholarship (Top 10% in Final MBBS examination)
Year 5 Took part in research and publication with Dept of Neurosurgery, King's College Hospital, London
Year 5 Distinction in Clinical Competence Test of Paediatrics
Year 3 First quartile in Written Examination
Year 3 Sister Mary Aquinas Tuberculosis Prize (1st placed)
Year 2 Distinction (Continuous Assessment)

La Salle College (1996 – 2002)

F.1 to F.6 10A's in Hong Kong Certificate of Education Examination (HKCEE)
Admitted to the University of Hong Kong via Early Admission Scheme

SUBSPECIALTY EXPERIENCE

SKULL BASE AND ENDOSCOPE (MINIMAL INVASIVE CRANIAL SURGERY)

Jun 14 2018 Invited speaker to Hong Kong Eye Hospital Grand Round on "Neurosurgical approaches to optic nerve – skull base and endoscopic technique" (Hong Kong)
Nov 3-4 2017 HA Central Commissioned Training Programme in Neurosurgery on Microscopic and Endoscopic Approaches to the Skull Base Surgery with Prof Sebastien Froelich (Coordinator, Queen Elizabeth Hospital, Hong Kong)
Jun 12-16 2017 Hospital attachment with Prof Sebastien Froelich for skull base and endoscopic surgery (Hôpital Lariboisière, Paris, France)
Nov 20-23 2016 New Generation Neuroendoscopy Hands-on Dissection Course (Berlin, Germany)
Jan 20-22 2016 IRCAD Minimal Access Surgery Skull Base Course (Strasbourg, France)

2015/2016	Self-initiated cadaveric dissection (HKU)
Jan 2-4 2015	4 th ASEAN Skull Base Hands On Course (Bangkok, Thailand)
Dec 28-30 2013	3 rd ASEAN Skull Base Hands On Course (Bangkok, Thailand)

SPINE

Feb 8-9 2018	The 43 rd International Training Course for Full-endoscope Operations of the Lumbar, Thoracic and Cervical Spine – Intensive Course (Bangkok, Thailand)
Sept 9-10 2017	Recent Advances in Cervical and Lumbar Degenerative Diseases Workshop 2017 (Hong Kong)
Aug 5 2017	Cervical Spine Total Disc Replacement Talk (Hong Kong)
Jun 19-23 2017	Eurospine Education Week (Strasbourg, France)
Nov 21-22 2015	The 9th Advanced Course in Degenerative Spine Surgery (Seoul Korea)
Sept 24-26 2015	AOSpine Asia Pacific Interactive Courses 2015 (Hong Kong)
Mar 15-18 2014	International Basic Neurosurgery Course – Spine (Antalya)
April 4-6 2013	Global Spine Congress 2013 (Hong Kong)
Nov 24-25 2012	AOSpine Advanced Symposium in Cervical Spinal Trauma Management (Hong Kong)

TRAUMA AND CRITICAL CARE

May 28-30 2018	Invited speaker for Hong Kong Children's Hospital Commissioned Training on Perioperative Care in paediatric Neurotrauma (Hong Kong)
May 7-8 2018	Invited faculty for Hospital Authority Convention 2018 on Neurotrauma (Hong Kong)
Mar 22-24 2018	Co-organizer and faculty for Advanced Surgical Trauma Course 2018 (Hong Kong)
Nov 11-12 2017	Faculty for RCSEd/CSHK Critical Care Course for Higher Surgical Trainees (Hong Kong)
Oct 21-22 2017	AONeuro Course – Traumatic Brain Injury and Autoregulation Monitoring (Hong Kong)
Mar 13-14 2017	Trauma 2017 (Organizer) (London, England)
Feb 16-18 2017	Invited speaker for Advanced Surgical Trauma Course 2017 (Hong Kong)

PUBLICATIONS

1. PY Woo, MK Ho, WK Ho, **Calvin HK Mak**, KS Wong, HT Wong, KY Chan. A rare cause of sciatica discovered during digital rectal examination: case report of an intrapelvic sciatic notch schwannoma. Br J Neurosurg. 2017 Sep 14:1-4.
2. D Hung, **Calvin HK Mak**, FC Cheung. Intracranial Intermediate-Grade Melanocytic Neoplasm: Case Report Associated with Nevus of Ota. Open Journal of Modern Neurosurgery (2017) 7, 65-74.
3. **Calvin HK Mak**, JW Ho, KY Chan, WS Poon, GK Wong. Intra-arterial revascularization therapy for basilar artery occlusion-a systematic review and analysis. Neurosurg Rev (2016) 39: 575.
4. DY Chan, PY Woo, **Calvin HK Mak** et al.
Use of subdural drain for chronic subdural haematoma? A 4-year multi-centre observational study of 302 cases. J Clin Neurosci. 2017 Feb;36:27-30. Epub 2016 Nov 30.

5. PY Woo, V Chan, **Calvin HK Mak** et al.
Utility of stereolithographic cranial biomodeling for the surgical management of a large skull base osteoma. J Neurosurg Sci. 2016 Mar;60(1):131-4. Epub 2015 Nov 12.
6. SK Chan, **Calvin HK Mak**, KS Wong, KY Chan, KM Leung
Use of the pipeline embolization device to treat recently ruptured dissecting cerebral aneurysms. Interv Neuroradiol 2014 Jul-Aug;20(4):436-41. Epub 2014 Aug 28.
7. PY Woo, HH Chueng, **Calvin HK Mak**, SK Chan, KM Leung, KY Chan
Central Neurocytoma and Epidermoid Tumor Occurring as Collision Tumors: A Rare Association. Journal of Modern Neurosurgery, 2014, 4, 31-35.
8. **Calvin HK Mak**, YY Lu, GK Wong
Review and recommendations on management of refractory raised intracranial pressure in aneurysmal subarachnoid hemorrhage. Vasc Health Risk Manag. 2013;9:353-9
9. **Calvin HK Mak**, KM Cheng, YL Cheung, CM Chan
Endovascular treatment for ruptured internal carotid artery pseudoaneurysms among post irradiated nasopharyngeal carcinoma patients. Hong Kong Med J. 2013 Jun;19(3):229-36.
10. GK Wong et al, Cognitive Dysfunction after Aneurysmal Subarachnoid Hemorrhage Investigators (**Calvin HK Mak** et al)
Cognitive domain deficits in patients with aneurysmal subarachnoid haemorrhage at 1 year. J Neurol Neurosurg Psychiatry 2013;84:1054-1058 doi:10.1136/jnnp-2012-304517
11. GK Wong et al, Cognitive Dysfunction after Aneurysmal Subarachnoid Hemorrhage Investigators (**Calvin HK Mak** et al)
Evaluation of cognitive impairment by the Montreal cognitive assessment in patients with aneurysmal subarachnoid haemorrhage: prevalence, risk factors and correlations with 3 month outcomes. J Neurol Neurosurg Psychiatry. 2012 Nov;83(11):1112-7. doi: 10.1136/jnnp-2012-302217.
12. **Calvin HK Mak**, KH Wong, GK Wong, S Ng, KW Wang, PK Lam, WS Poon
Traumatic Brain Injury in the Elderly: Is it as Bad as we Think? Curr Tran Geriatr Gerontol Rep 01/2012; 1:171-178.
13. DYW Siu, XL Zhu, J Abrigo, YX Wang, J Cs Leung, **Calvin HK Mak**, WS Poon
The use of diffusion tensor tractography to prevent visual field defect in epilepsy surgery-a prospective study. Journal of Medical Imaging and Radiology Oncology. 56():32, Aug 2012
14. YX Wang, XL Zhu, M Deng, DY Siu, JC Leung, Q Chan, DT Chan, **Calvin HK Mak**, WS Poon
The use of diffusion tensor tractography to measure the distance between the anterior tip of the Meyer loop and the temporal pole in a cohort from Southern China. J Neurosurg. 2010 Dec;113(6):1144-51.

REGIONAL PRESENTATION AWARDS FOR TRAINEES

BY THE HONG KONG NEUROSURGICAL SOCIETY (HKNS)

Mar 2014	Winner in the Monthly Wednesday Presentation Competition
Nov 2013	Best Oral Presentation Award by HST in the 20 th HKNS Annual Scientific Meeting
Nov 2013	Best Oral-poster Paper Award in the 20 th HKNS Annual Scientific Meeting
Dec 2012	Best Oral-poster Paper Award in the 19 th HKNS Annual Scientific Meeting

Nov 2008 **Best Oral-poster Paper Award** in the 15th HKNS Annual Scientific Meeting

PRESENTATION IN INTERNATIONAL MEETINGS

13-14 March 2017 Trauma 2017

Organizing committee

Outcome of surgical evacuation for acute subdural hematoma in geriatric head injury

8-13 Sept 2013 XV WFNS World Congress of Neurosurgery 2013

Poster presentation

Outcome of Surgical Evacuation for Isolated Acute Subdural Hematoma in Elderly with Moderate and Severe Head Injury

15 June 2013 18th International Surgical Symposium cum 4th West China – CUHK Surgical Forum

Invited local faculty

Anticoagulation and neurosurgery – spontaneous intracerebral hemorrhage

1-4 Dec 2011 13th Asian Australian Congress of Neurological Surgeons (AACNS 2011)

Taipei, Taiwan

Oral presentation

Anticoagulation and antiplatelet therapy in intracranial stenting