

CURRICULUM VITAE

PERSONAL DATA

Name: Ravi a/l S. Krishnapillai
Address: Sunway Medical Centre
5, Jalan Lagoon Selatan
Bandar Sunway
46150 Petaling Jaya, Selangor.

EDUCATION (PRE-UNIVERSITY)

Lower Secondary: Anglo Chinese Secondary School, Ipoh
Upper Secondary: Bukit Bintang Boys School, Petaling Jaya

MEDICAL EDUCATION

1. MBBS (University of Malaya): 1984-89
2. Fellow of the Royal College of Surgeons of Edinburgh: Oct 1993
3. Intercollegiate FRCS in Surgical Neurology (Glasgow): Oct 1998

EMPLOYMENT DATA

Registration: Malaysian Medical Council: (Full)
General Medical Council (UK): (Full)

PREVIOUS APPOINTMENTS (PREFELLOWSHIP)

HOUSE OFFICER

University Hospital, Kuala Lumpur

Internal Medicine 1.08.89- 31.10.89

Curriculum Vitae
Ravi Krishnapillai, FRCS

General Surgery	1.11.89- 31.01.90
Orthopaedics	1.02.90- 30.04.90
Paediatrics	1.05.90- 31.07.90

MEDICAL OFFICER

1. Malacca General Hospital

Orthopaedic Surgery	1.08.90- 31.07.91
Accident & Emergency	1.08.91- 30.04.92

2. Kuala Lumpur Hospital

General Surgery	1.04.92- 30.11.92
Neurosurgery	1.12.92- 31.12.93

POST FELLOWSHIP APPOINTMENTS

Registrar	Jan 1994 to February 1995 Department of Neurosurgery, Hospital Kuala Lumpur.
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Sr. House Officer	May 1995 to October 1995 Department of Neurosurgery, Frenchay Hospital, Bristol, UK.
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Registrar	November 1995 to October 1997 Department of Neurosurgery, Frenchay Hospital, Bristol, UK.
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Senior Registrar	November 1997 to October 1998 Department of Neurosurgery, Frenchay Hospital, Bristol, UK.
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Consultant Neurosurgeon	January 1999 to Jan 2003 Department of Neurosurgery Hospital Kuala Lumpur.
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Consultant Neurosurgeon	February 2003 to Present Department of Neurosurgery Sunway Medical Centre. (Also Consultant Neurosurgeon at: Gleneagles Hospital Kuala Lumpur)
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SURGICAL EXPERIENCE

1. Management of craniocerebral trauma.
2. Placement of intracranial drainage systems.
3. Drainage/ excisions of intracranial abscesses/ cysts.
4. Spinal surgery for degenerative disease/ spinal fixation.
5. Excision of CNS tumours.
6. Aneurysm/ arteriovenous malformation surgery.
7. Posterior fossa and skull base procedures.
8. Paediatric neurosurgical procedures.
9. Ventriculotomy/ ventriculostomies.
10. Frame-based stereotaxy
11. Frameless stereotaxy : (Image Guided Surgery)
12. Functional Neurosurgery: (Thalamotomy/ Pallidotomy/ Subthalamic Neucleotomy)
13. Microvascular Decompression/ Radiofrequency lesioning for Trigeminal Neuralgia
14. Epilepsy surgery
15. Dorsal column stimulators
16. Radiosurgery.

SUBSPECIALISATION INTERESTS

- Functional Neurosurgery: experienced in performing microvascular decompressions for trigeminal neuralgia and hemifacial spasm. Also trained in percutaneous radiofrequency lesioning of the gasserion ganglion. Experienced with placement of dorsal column stimulators. Trained in lesioning for movement disorders/Parkinson's disease.
- Minimally invasive neurosurgery/cranial neuroendoscopy which include ventriculostomies, endoscopic biopsies, endoscopic excision of colloid cysts, endoscopic fenestration of arachnoid cysts and image guided neuroendoscopy. Interested in developing endoscopic spine surgery.

- Image-guided surgery.
- Radiosurgery and Gamma Knife Radiosurgery.

TEACHING EXPERIENCE

1. Course Instructor On Image Guided Surgery.
2. Medical students on rotation.
3. Departmental teaching for registrars ,medical officers ,nurses and masters candidates

COURSES ATTENDED

1. Basic Life Support, University Hospital, Kuala Lumpur (Feb 1991)
2. Course in Suture Techniques(University Hospital Animal Workshop).
Faculty: Mr. M. Pietronie (UK)
Mr. W. Thomas (UK)
3. Course in Advanced Surgery (July 1993). National University of Singapore.
4. Presentation on Stereotactic Radiosurgery (Leksell Gamma Knife): February 1993.
5. Neuroendoscopy (Basic and Training Course for Neurosurgeons; Mainz, Germany: October 1994.
6. ASEAN Neurological Congress, Jakarta, Indonesia: 1994.
7. Course in Practical Microsurgery: 24-28 November 1997. (Canniesburn Regional Plastic Surgery and Ethicon, Edinburgh).
8. Neuroanatomy for Neurosurgeons, College of Surgeons England: October 1997.
9. Asia Oceanian Neuroimaging Seminar: 17-19 December 1999.

10. Advanced Course in Aneurysm Surgery, in conjunction with the American Association of Neurologic Surgeons (AANS) Meeting, San Francisco, USA: October 2000.
11. Course in Developmental Spinal Dysraphisms, AANS Meeting, San Francisco, USA: October 2000.
12. Course in Direct Endonasal Transsphenoidal Surgery at the AANS Meeting, San Francisco, USA: October 2000.
13. National Neuroscience Institute – course on gliomas: July 2000.
14. World Federation of Neurological Surgeons Course, Singapore: January 2001.
15. Endoscopic Spine Surgery Course, Herne, Germany: 8-12 November 2002.
16. Stereotactic Radiosurgery Course, Brainlab at Munich, Germany: 20-25 November 2002.
17. Cyberknife Radiosurgery on-site training, Korea: September 2005.
18. Cyberknife Radiosurgery on-site training, Wijaya International Medical Centre, Kuala Lumpur: September 2005.
19. Asian Academy of Minimally Invasive Spinal Surgery Course and Workshop at Seoul, Korea: 26-31 December 2005.
20. Laser Minimally Invasive Spinal Surgery Course and Workshop, Kuala Lumpur: 6-7 March 2006.
21. Neuro Interventional Pain Management Workshop & Surgery, Mahkota Medical Centre, Melaka: 28 October 2007.
22. Masterclasses in Difficult Neurosurgery, National Neuroscience Institute, Singapore: 13-15 November 2007.
23. Asian Australasian Advanced Course in Paediatric Neurosurgery, Nanyang Executive Centre (National Neuroscience Institute), Singapore: 4-8 December 2007.
24. Epidural Neuroplasty Workshop & Live Surgery Course, Assunta Hospital, Malaysia, 22 May 2008.

25. International Spine Conference and Workshop 2008, Prince Court Medical Centre, Malaysia, 11-12 July 2008.
26. Advance Cervical Arthroplasty and Fusion (Live Surgery and Symposium) 2008. National University Hospital Singapore, 10 November 2008.
27. Management of Neurotrauma Course. National Neuroscience Institute, Singapore, 12-13 February 2009.
28. Spinal Cord Stimulation for Post-Laminectomy Syndrome Workshop. Sunway Medical Centre, Malaysia. 7 January 2010.
29. Spinal Microsurgery Course 13: Anterior Approaches to the Thoracic and Lumbar Spine. Schon Klinik Munich Harlaching and Ludwig-Maximilians University, Germany. 8-10 September 2010.
30. 2nd Chulalongkorn-Aesculap Academy Lumbar & Cervical Spine Workshop. Chulalongkorn University, Thailand. 26-27 January 2011.
31. NNI-Aesculap Academy Thoracolumbar Approaches Course. National Neuroscience Institute, Singapore. 9-10 May 2011.
32. Spinal Microsurgery Course 15: Posterior Approaches to the Cervical Spine and Craniocervical Junction. Institute for Legal Medicine of the University of Hamburg, Germany. 28-30 March 2012.
33. 3rd Chulalongkorn-Aesculap Academy 360⁰ Cervical Spine Workshop. Chulalongkorn University, Thailand. 24-25 July 2012.
34. Fluorescence-guided Resection using Gliolan[®]. Medac GmbH. University Hospital Munster, Germany. 14th September 2012.

35. Neurosurgical Spinal Workshop. University of Malaya, Kuala Lumpur. 10-11 March 2013.
36. Nuvasive's Marquis Visit Program: Degenerative Lumbar Disease Course (Lateral Recess Approach). New York, USA. 14-18 June 2013.
37. Aurelia Pharma-Klentze Medical Faculty Healthy Ageing Seminar: An Introduction. Petaling Jaya, Selangor. 25th August 2013.
38. Sunway GP Symposium 2013: Practical Insights on Surgeries: From Head to Toe. (Speaker). Sunway Medical Centre, Selangor. 8th September 2013.
39. Principles and Practice of Gamma Knife Radiosurgery (Special Emphasis on Perfexion Training). University of Pittsburgh, USA. 13 – 17 January 2014.
40. Sunway Mini GP Symposium 2014: Facial Pain. (Speaker). Sunway Medical Centre, Selngor. 12th October 2014.
41. 1st International Brain Stimulation Conference 2015. Singapore. 2nd to 4th March 2015.
42. Cadaveric Spine Workshop (Advanced ISMINS Educational Meeting). Advanced Surgical Skill Centre, PPUKM, Kuala Lumpur, Malaysia. 1st October 2015.
43. Advanced ISMINS Educational Meeting and 15th NAM Annual Scientific Meeting/Annual General Meeting. The Royale Chulan Hotel Kuala Lumpur, Malaysia. 1st to 5th October 2015.
44. 18th International Leksell Gamma Knife Society Meeting. Amsterdam, Netherlands. 15th to 19th May 2016.
45. 16th NAM Annual Scientific Meeting/Annual General Meeting. Sutera Harbour Hotel, Sabah, Malaysia. 26th to 28th August 2016.

46. NAM Neurospine Congress 2016 and 1st Neurospine Chapter of NAM. JW Marriott, Kuala Lumpur, Malaysia. 6th to 8th October 2016.

PUBLICATIONS

1. Coagulopathy in acute head injury – a study of 204 patients, Selladurai BM , Selvapragasam T, Doraisamy G , Maimunah M , Vickneswaran M , RAVI K. Oral Presentation at the International Conference on Recent Advances in Neurotraumatology, Riccione, Italy September 1996.
2. Coagulopathy in Acute Head Injuries. British Journal of Neurosurgery, Oct 97;11(5):398-404. (acknowledgement)
3. Magnetic Resonance Spectroscopy in the Diagnosis of Brain Tumors; Best abstract , proceedings of Faculty of Medicine, UKM, 3rd RESEARCH Week; Shanti S, Nafikuddin M, Zurin A, RAVI K, Wong F C. (August 2001)

COURSE INSTRUCTOR

2nd Course in Image Guided Neurosurgery, Frenchay Hospital, Bristol, UK: 1999.

TRAINEES ACCEPTED FOR TRAINING ABROAD

- 1) Mr. Parthiban Navoo, FRCS.
2+3 Programme
(National Neuroscience Institute, Singapore and the Australasian Board).
- 2) Mr. N. Ramesh, FRCS
Frenchay Hospital, Bristol, UK.

PROFESSIONAL SOCIETIES

- 1) Fellow of the Royal College of Surgeons of Edinburgh.
- 2) Member of the Neuroscience Society of Malaysia.
- 3) Lifemember of the Neurosurgical Association of Malaysia.
- 4) Member of Asian Academy of Minimally Invasive Spinal Surgery (AAMISS).
- 5) Member of International Musculoskeletal Laser Society (IMLAS).
- 6) Member of Malaysian Society for Clinical Hypnosis.
- 7) Member of CyberKnife Society.