



Dr. Toh Charng Jeng
MBBS, MS(Neurosurgery), FIPP(WIP),
Fellow of Neurosurgery (Melbourne),
MMed (Pain Management)

Educations/Degree/Certifications:

- **MBBS**; Manipal Medical College (MAHE).
- **MS(Neurosurgery)**; Universiti Sains Malaysia.
- **Fellowship in Neurosurgery**; The Royal Melbourne Hospital and The University of Melbourne (Under the supervision of Prof Kaye for Skull Base and Prof Peter Teddy for Neuro-modulation such as spinal cord stimulation and Occipital nerve stimulation).
- **Fellow of Interventional Pain Practice**; World Institute of Pain.
- **MMed (Pain Management)**; University of Santo Tomas, Philippines.

Special interest in:

- Skull base and neuro-oncology
- Neuro-endoscopy
- Spine endoscopy
- Neuromodulation and functional neurosurgery
- Interventional pain procedure

Awards:

1. **Dato' Dr Arumugasamy prize** for the Best Scientific Oral Presentation, 11th June 2005: *The evaluation of the predictors of delayed traumatic intracranial hemorrhage (DTICH) and progressive traumatic brain injury (PTBI) in traumatic head injured patients from HKL.* 25th July 2005.
2. Second prize (as a supervisor) in **Dato' Dr Arumugasamy prize;** "Pioneer Malaysian Neurosurgical Centre Providing Interventional Pain Service: a clinical review" in ISMINS and NAM annual scientific meeting, 1st – 5th October 2015

Professional experience:

From 2007 till now

Universiti Kebangsaan Malaysia

- Senior lecturer, Consultant Neurosurgeon and Interventional Pain Consultant.
- Expert panel for Chronic Pain Management team (Work closely with Prof Choy Yin Choy, Director of chronic pain management program, National University of Malaysia)
- Consultant-in-charge of Interventional Pain Clinic
- Examiner to undergraduate student
- Advisor to Master program student's dissertation and PhD Student.

Year 2011

Royal Melbourne Hospital, Australia

Fellow in Neurosurgery Department

From 1st Jan 2007 till 31st October 2007

General Hospital, Sungai Buloh

Neurosurgeon

From June 2005 till December 2006

General Hospital Kuala Lumpur

Neurosurgeon,

Person-in-charge (Assistant to Mr. Zubaidi) for Neuro-radiosurgery

Teaching for paramedic student

From October 2005 till December 2006

General Hospital, Ipoh

Visiting/covering Neurosurgeon

Activities:

- As an **organizing chairman** and **speaker** for the 1st National Neuromodulation (Spinal Cord Stimulation for persistent low back pain) Cadaveric workshop, held at HUKM on 11th May 2012
- As an **organizing chairman** for Pain Interventional cadaveric workshop, held at ASSD, HUKM on 5th July 2013
- As a **facilitator** for “Basic Neurosurgical Approaches cadaveric workshop”, held at ASSD UKM on 4th July 2013
- As a **secretary** and **speaker** for Neurosurgical Association, Malaysia 13th Annual Scientific Meeting held at Grand Season Hotel, Kuala Lumpur on 6th-7th July 2013;
Topic: Occipital nerve stimulation.
- As a **speaker** for 2nd National Interventional Pain Management, Symposium & cadaveric workshop held at Universiti Malaya, Kuala Lumpur on 6th – 7th December 2013.
Topic: Trigeminal neuralgia – treatment options.
- As a **speaker** and **scientific committee** for Kuala Lumpur International Neurotrauma Workshop held at Universiti Kebangsaan Malaysia on 22th – 23th May 2015.
Topic: **Interventional procedure for traumatic neuropathic pain.**
- As a **speaker** for International Conference on Recent Advances in Pain held at Kolkata, India. 27th to 30th August 2015.
Topic: **Trigeminal Neuralgia: interventional treatment.**
- As a **speaker** for ISMINS and NAM annual scientific meeting, on 1st – 5th October 2015.
Topic: **Trigeminal neuralgia: percutaneous procedure vs MVD.**
- As a **speaker** for Neurosurgery Alor Setar three yearly (NASTY), 2015.
Topic: **Neurosurgical, Neuromodulation and interventional procedure for pain conditions.**
- As a speaker for East Coast Surgical Symposium 2016.
Topic: **Neurosurgeons’ role in managing oncology patient.**

- As a speaker for 5th Biennial Scientific meeting MASP 2016. Topic: **Intervention for trigeminal Neuralgia – What works?**
- As a speaker for 2016 Neurosurgical Association Malaysia AGM & ASM at Kota Kinabalu. Topic: **VP and VA shunt – Implantation and complication avoidance.**
- As a speaker and organizing committee for MyNeuro2017 (Joint Meeting of 27th Malaysian Society of Neurosciences (MSN) and 17th Neurosurgical Association of Malaysia (NAM), and in conjunction with Pediatric Neurology Update 2017 & 4th Federation of Asian-Oceanian Neurosciences Societies (FAONS) Symposium); Topic: **Interventional Pain Management for Cervicalgia & Lumbago: Indication & technique**
- As a invited Speaker for 22nd Annual Scientific Meeting 2017 MASPHO; Topic: **Surgical Strategies to Minimize Cerebellar Mutism Syndrome**
- As a speaker and Scientific Chairman for East Asia Interventional Pain Conference 2017, Kuala Lumpur; Topic: **Trigeminal Neuralgia RF Vs MVD**
- As a speaker for NAM Neurospine Congress 2016. Topic: **Non-surgical Management Of Cervicalgia (Neck Pain) and Axial Pain.**

Professional Memberships:

- **Malaysian Association for the Study of Pain (MASP)**
Ex-exco member and permanent membership
- **Malaysia Society of Interventional Pain Practitioner (MSIPP)**
Secretary and elect-president
- **Neurosurgery Association, Malaysia**
Ex-EXCO and permanent member.

Articles published:

- a. ***Toh Charng Jeng***, Jafri Malin Abdullah, Jain George, John Tharakan KJ, Sharon Casilda, Mazira Mohamad Ghazali, Hasnan Jaafar and Win Mar Salmah. **EXTRADURAL SPINAL SCHWANNOMA IN 12 YEAR OLD CHILD : A CASE REPORT**
Malaysian Journal of Medical Sciences, Vol. 12, No. 2, July

2005, pp. 60-63.

- b. **Toh Charng Jeng** , Mohd Saffari Mohd Haspani, Johari Siregar Adnan, Nyi Nyi Naing. **Delayed traumatic intracranial haemorrhage and progressive traumatic brain injury in a major referral centre based in a developing country.** *Malaysian Journal of Medical Sciences, Vol. 15, No. 4, October, 2008, pp. 56-67.*
- c. Tan AK, **Toh CJ**, P Malika. **Jerk-seesaw nystagmus after posterior cranial fossa decompression with cerebellar tonsillectomy for Chiari I malformation.** Neuro-Ophthalmology. Accepted Manuscript no. NOPH-2012-0063.R1.
- d. Fauziah Nasir, **Charng Jeng Toh**, Siti Aishah Md Ali, and Mohd Razif Mohamad Yunus , 2011 , Journal of US-China Medical Science , Extracranial infratemporal fossa meningioma: Discussion on rarity and approach , 8(2):127-131
- e. Beehong Soon, Sue-Mian Then, Azizi Abu Bakar, Farizal Fadzil, Jegan Thanabalan, Mohd Saffari Mohd Haspani, **Charng Jeng Toh**, Azmi Mohd Tamil, Roslan Harun, Wan Zurinah Wan Ngah, Rahman Jamal , 2012 , 9th Asian Congress of Neurological Surgeons and the 2nd Asian Neurosurgical Nursing Congress , Gliomas:A Comparison on Oxidative Stress, Mitochondrial Mutation and Its Functional Status.
- f. Sow Aye Jane, Jeevanan Jahendran, **Toh Charng Jeng**, Kew Thean Yean , 2012 , ENT- Ear Nose And Throat Journal , Sphenoethmoid sinusitis in a child resulting in a disastrous intracranial sequela , 91(11): E20
- g. Beehong Soon, Norazian Murad, Sue-Mian Then, Azizi Abu Bakar, Farizal Fadzil, Jegan Thanabalan, Mohd Saffari Mohd Haspani, **Toh Charng Jeng**, Azmi Mohd Tamil, Roslan Harun, Wan Zurinah Wan Ngah, RahmanJ , 2013 , 13th Neurosurgical Association Malaysia , The mitochondrial function and glycolytic shift in different grades of glioma cell lines
- h. Bee Hong Soon, Nor Azian Abdul Murad, Azizi Abu Bakar, Faridzal Fadzil, Jegan Thanabalan, Mohd Saffari Mohd Haspani, **Charng Jeng Toh**, Azmi Mohd Tamil, Roslan Harun, Wan Zurinah Wan Ngah, Rahman Jamal , 2013 , 15th World Congress of Neurosurgery , Somatic mitochondrial dna mutations across different grades of gliomas: A whole genome sequencing comparison with protein pathogenicity analysis
- i. BeeHong Soon, Sue-Mian Then, Azizi Abu Bakar, Farizal Fadzil, Jegan Thanabalan, Mohd Saffari Mohd Haspani, **Toh Charng Jeng**, Azmi Mohd Tamil, Roslan Harun, Wan Zurinah Wan

Ngah, Rahman Jamal. , 2012 , 12th Annual Scientific Meeting and Annual General Meeting of Neurosurgical Association of Malaysia , Whole mitochondrial genome sequencing of gliomas and its correlating reactive oxygen species level.

- j. Khoo HC, Soon BH, Jaafar AS, Abu Bakar A, Fadzil F, Palaniandy K, Paramasvaran S, Choy YC, **Toh CJ**. A Clinical Audit of Interventional Pain Procedures Performed as Part of The Newly Initiated Pain Service In a local Neurosurgical Centre. Accepted by Malaysia Journal of Medicine (MJM-D-15-00216R1)