

## CURRICULUM VITAE

### Professor TAN, Chong-Tin

**Date of birth:** 27 October 1948

**Place of birth:** Penang, Malaysia

**Citizenship:** Malaysia

**Marital status:** Married with 2 children

**Address:** Neurology Laboratory, University Malaya Medical Centre, 59100 Kuala Lumpur, Malaysia. 603-79492585 (O), 603-79494613 (F), e-mail: [chongtin.tan@gmail.com](mailto:chongtin.tan@gmail.com)



## QUALIFICATIONS

### Academic

*M.B.B.S., University of Melbourne, 1972*

*M.D., University of Malaya, 1990*

### Professional

*M.R.C.P. (UK)*

*F.R.C.P. (Edinburgh)*

American Academy of Neurology, *Corresponding Fellow*

Academy of Medicine of Malaysia, *Member*

## POSTS HELD

- 1976-7 : Senior House Officer in Neurology -- South-East Neurological Centre, Brook's General Hospital, London;  
Senior House Officer in Neurology -- Royal Hospital, Sheffield, England.
- 1977 : Lecturer, Department of Medicine, University of Malaya.
- 1982-1983 : Commonwealth Medical Fellow, Institute of Neurology, National Hospital for Neurology and Neurosurgery, Queensquare, London, U.K.
- 1984 : Associate Professor, Department of Medicine, University of Malaya.
- 1993 (Feb/Mar): Visiting Associate Professor, Harvard University, Cambridge, Massachusetts, USA
- 1982-1983 : Commonwealth Medical Fellow, Institute of Neurology, National Hospital for Neurology and Neurosurgery, Queensquare, London, U.K.
- 1984 : Associate Professor, Department of Medicine, University of Malaya.
- 1992 : Professor, Department of Medicine, University of Malaya.  
Senior Consultant in Neurology, University Malaya Medical Centre.
- 2002 : Gred Khas B Professor, University of Malaya
- 2009 : Gred Khas A Profesor, University of Malaya

## ADMINISTRATIVE POSTS

Division of Neurology, Department of Medicine, University of Malaya, **Head**

Neurophysiology Laboratory, University Malaya Medical Centre, **Head**

Ethics Committee, University Malaya Medical Centre, **Member**

Ethics Committee, University Malaya Medical Centre, **Chairman** (2003-2004)

Research Cluster for Health and Translational Medicine, **Member** (2009)

Jawatan Kuasa Pemilik bagi maksud pelantikan dan kenaikan pangkat ke jawatan guru, Fakulti Perubatan, **Member** (1997-2006)

Jawatankuasa Penilai Teknikal Sektor 6 (Health) IRPA, **Member**

Jawatankuasa Perpustakaan Fakulti Perubatan, **Member** (2005-2007)

## **ACADEMIC & PROFESSIONAL POSITIONS AT NATIONAL LEVEL**

National Specialist Register (Neurology), Malaysia, **Chairman**

Medical Review Panel, Malaysian Medical Council, **Member**

Jawatankuasa Latihan Subkepakaran Neurologi, **Member**

Malaysian Medical Council, **Member** (2004-2007)

Malaysian Society of Neurosciences, **Founder and President** (1998-2002)

Drug Control Authority, Ministry of Health, **Anggota Panel Penasihat** (1999-2001)

## **ACADEMIC & PROFESSIONAL ROLES AT INTERNATIONAL LEVEL**

*Education Commission, International League Against Epilepsy, Chairman*

Asian Epilepsy Academy, **Chairman**

International League Against Epilepsy, **Vice-President** (2005-2009)

International League Against Epilepsy, Commission on Asian and Oceanian Affairs, **Chairman** (2001-2005)

Multiple Sclerosis in Asia Pacific Study Group, **Chairman** (2002-2004)

ASEAN Neurological Association, **Founder and Chairman** (1999-2001)

World Congress of Neurology 2009, Bangkok, **International Adviser**

Inaugural Pan-Asian Committee for Treatment and Research in Multiple Sclerosis Congress (PACTRIMS 2008), Kuala Lumpur, **Founder and Chairman**

8<sup>th</sup> Asian & Oceanian Epilepsy Congress, Melbourne, 2010; International Organizing Committee and Scientific Affairs Committee, **Member**

7<sup>th</sup> Asian & Oceanian Epilepsy Congress, Xiamen, 2008; International Organizing Committee and Scientific Affairs Committee, **Member**

5<sup>th</sup> Asian & Oceanian Epilepsy Congress, Bangkok, 2004; Scientific Affairs Committee, **Chairman**

6<sup>th</sup> Asian & Oceanian Epilepsy Congress, Kuala Lumpur, 2006; Scientific Affairs Committee, **Chairman**

4<sup>th</sup> Biennial Convention of the ASEAN Neurological Association 2001, Kuala Lumpur; Scientific Affairs Committee, **Chairman**

## **CONTRIBUTIONS TO ACADEMIC JOURNALS**

Neurology Asia, **ISI journal, Founder and Editor-in-Chief**

[Formerly known as Neurological Journal of South East Asia, **Founder and Editor-in-Chief** (1996-2003)]

Journal of Clinical Neurosciences, **ISI journal, Editorial Board, Member**

Epilepsy and Seizures, **Member of Editorial Board**

ILAE e-textbook of epilepsy, **Co-Editor**

The Educational Kit on Epilepsy, **Scientific Advisory Board and Contributors**

Annals of Indian Academy of Neurology, **Member of Board**

European Neurological Review Volume 3, **Editorial Advisory Committee, Member**

China Journal of Stroke, **Editorial Board Member**

Annals of Neurology, Epilepsia, Hong Kong Medical Journal, Journal of Neurology, Neurosurgery, and Psychiatry, Medical Journal of Malaysia, Neurological Sciences, Progress in Neurobiology, Singapore Medical Journal, Yongsei Medical Journal, **Occasional Reviewer**

Epilepsia, **ISI journal, Advisory Committee Member** (2005-2009)

Internal Medicine (Royal College of Physicians of Thailand), **International Advisor** 2001-2006)

Singapore Medical Journal, *International Corresponding Editor* (1999-2005)

## INTERNATIONAL EXPERT

Bangladesh Nipah Encephalitis Outbreak Investigation Team, *WHO Consultant*, 2004  
United Nations Assistance to Khmer Rouge Trials for Past President Khieu Samphan, *Expert Witness*, 2008

## CONTRIBUTIONS TO COMMUNITY DEVELOPMENT

Malaysia Bible Seminary, *Council Chairman* (1983-2011)  
Jalan Tiga Gospel Hall Christian Church, *Elder* (1998-2011)  
Centre for Malaysian Chinese Studies, *Chairman* (1998-2004, 2008-2010)  
Sin Chew Foundation, *Board Trustee* (2001-2009)  
Independent Review Board, Nanyang Press, *Chairman* (2004-2006)

## AWARDS

*Darjah Kebesaran Setia Sultan sharafuddin Idris Shah (SIS)*: Sultan of Selangor, 2009  
Inaugural “*Merdeka Award for Health, Science, and Technology*” from PETRONAS, ExxonMobil and Shell as Leader of the Nipah encephalitis Investigating Team, University of Malaya, (*Most prestigious national award for Science and Medicine*) 2008  
“*The Vice-Chancellor’s Most Highly Cited Paper in Citation Index Award*”, University of Malaya, 2007  
“*The Vice-Chancellor’s Highest Impact Factor Award*”, University of Malaya, 2007  
“*Best Research Paper Award 2007*”, Second Prize, Singapore Medical Journal  
“*Mahathir Science Award*” Academy of Science Malaysia award as Leader of the Nipah Encephalitis Investigating Team, Faculty of Medicine, University of Malaya for scientific excellence (*Most prestigious scientific award for research in tropical science, up to now the only Malaysians awarded*), 2006  
“*Ambassador For Epilepsy*” from International League Against Epilepsy and International Bureau for Epilepsy in recognition of outstanding personal contribution to international activities advancing the cause of epilepsy (*Prestigious award given to 8 candidates world wide every two years*), 2005  
“*Richardson Lecture*” of the Canadian Neurological Society (*Prestigious lecture once yearly*), 2004  
“*James H Nakano Citation Award*”, Centers of Disease Control and Prevention, Atlanta, USA, 2003

## RESEARCH FOCUS

Asian neurology; Nipah encephalitis, Asian multiple sclerosis, psycho-social aspects of epilepsy  
Research grant: HIR – clinical neurology, principal investigator, grant RM 4 million

## PhD and MD STUDENTS CURRENTLY UNDER SUPERVISION

Batoul Sadat Maerian (PhD), Mary Lee (PhD), Lim Kheng Seang (PhD), Saw Aik (MD),

## CLINICAL MASTERS CURRENTLY UNDER SUPERVISION

Alan Basil Peter, Fatimah Kamila, MC Lee, Mariyam Niyaz, Siti Hajar; Loh Siew Ping, Omar Kaduim, Priyadarshini R

## CLINICAL MASTERS SUPERVISED

Ahmad Hatim, Aishah Ibrahim, Choy Yew Sin, Hafsa Mohamed, Janet Ho Suet Fun, Jashree Sharminim, Goh Cheng Beh, How Lay Guan, Margaret Soo Pui Kuan, Mohd Suffian Adenan, Salina Mohamed, SR Siva; Adeline Serena Lam Ee Ling, Phang Chee Meng

## **MASTERS SUPERVISED**

Mihajlo Glamceviski, Hujwah bt Hj Khaza'ai, Yong Yean Kong

## **CLINICAL NEUROLOGISTS TRAINED**

Chew Nee Kong, Chong Heng Thay, Ho Chin Ching, Goh Khean Jin, Lee Moon Keen, Lim Kheng Seang, Ng Wai Keong, Sharon Tai, Tan Kay Sin, Vimalan Ramasundram, Suhailah Abdullah, Rishikesan Kuppusamy, Wong Chee Piao (*PPUM*); Ang Chong Lip, Chai Chiun Hian, Eow Gaik Bee, Gunasundari, Khairul Azmi Ibrahim, Joyce Pauline Joseph, Lee Siew Peng, Irene Looi, Mak Choon Soon, Marina Ismail, Mohd Suffian Adenan, Ooi Phaik Yee, Rose Izura bt Abdul Hamid, Sapia Sapuan, Sathindran S, Shanti Viswanathan, Sim Bee Fung, Suganthi Chinnasani, SR Siva, Kathleen Yeap (*Ministry of Health*); Ng Sui Yin (*UPM*), Shalini Bhaskar (*USM*)

## **INTERNATIONAL NEUROLOGY FELLOWS SUPERVISED**

SK Mahbub Alam (Bangladesh); Mohammad Saiful Bashir (Bangladesh), Fred Septo Arityawan (Indonesia), Herlyani Khosama (Indonesia), Maula Gaharu (Indonesia), Rizaldi Pinzon (Indonesia); Keooudomphone Vilivong (Laos), Ketmanee Phetsiriseng (Laos), Somchit Vorachit (Laos); Otgonbayar L (Mongolia); Moe Moe Zaw (Myanmar), Ohnmar Saw (Myanmar), Than Win Nyunt (Myanmar), Thant Zin Soe (Myanmar), Win Myint (Myanmar); Maha Elamin Ibrahim Elnima (Sudan), Mohammed Khalaf Allah Saeed Alfaki (Sudan); Do Quoc Hung (Vietnam), Nguyen Thanh Binh (Vietnam), Tran Thien Truong (Vietnam)

## **PUBLICATIONS**

185 articles in peer reviewed scientific journals, 27 chapters in books in scientific publications, 8 books and others

**h-index:** 17

**Total ISI citations:** 1032

## **Scientific papers according to citations, with 10 or more citations (Based on Google scholars)**

1. Chua KW, Goh KJ, Wong KT, Kamarulzaman A, Tan PSK, Ksiazek TG, Zaki SR, Paul G, Lam SK, Tan CT. Fatal encephalitis due to a new paramyxovirus among pig-farmers in Malaysia. *Lancet* 1999; 354:1256; **Cited by 309**
2. Goh KJ, Tan CT, Chew NK, et al. Clinical features of Nipah virus encephalitis among pig farmers in Malaysia. *New England Journal of Medicine* 2000; 342:1229; **Cited by 180**
3. Wong KT, Shieh WJ, Kumar S, Norain K, Abdullah W, Guarner J, Goldsmith CS, Chua KB, Lam SK, Tan CT, et al. Nipah virus infection: Pathology and pathogenesis of an emerging paramyxoviral zoonosis. *American Journal of Pathology* 2002;161:2153-67; **Cited by 114**
4. Rapport RL, Tan CT, Whitaker HA. Language function and dysfunction among Chinese and English speaking polyglots: cortical stimulation WADA testing and clinical studies. *Brain & Language* 1983; 18: 342; **Cited by 96**
5. Chong HT, Kamarulzaman A, Tan CT, et al. Treatment of Nipah encephalitis with Ribavirin. *Annals of Neurology* 2001;49:810; **Cited by 84**

6. Tan CT, Goh KJ, Wong KT, et al. Relapsed and late-onset encephalitis. *Annals of Neurology* 2002;51: 703-8; **Cited by 81**
7. Chua KB, Lam SK, Goh KJ, Hooi PS, Ksiazek TG, Kamarulzaman A, Olson J, Tan CT. The presence of Nipah virus in respiratory secretions and urine of patients during an outbreak of Nipah virus encephalitis. *Journal of Infection* 2001;42:40; **Cited by 56**
8. Wang F, Wang CL, Tan CT, Manivasagar M. Systemic lupus erythematosus in Malaysia: a study of 539 patients and comparison of prevalence and disease expression in different racial and gender groups. *Lupus* 1997; 6: 248; **Cited by 55**
9. Alders BEA, Hentzen A, Tan CT. A community-based prevalence study on headache in Malaysia. *Headache* 1996; 36:379; **Cited by 54**
10. Mac TL, Tran DS, Quet F, Odermatt P, Preux PM, Tan CT. Epidemiology, aetiology, and clinical management of epilepsy in Asia: a systematic review. *Lancet Neurology* 2007; 6: 533-43; **Cited by 49**
11. Ahmad Sarji S, Abdullah BJJ, Goh KJ, Tan CT, Wong KT. MR Imaging features of Nipah encephalitis. *American Journal of Roentgenology* 2000;175:437; **Cited by 40**
12. Chua KB, Lam SK, Tan CT, et al. High Mortality in Nipah encephalitis is associated with presence of virus in cerebrospinal fluid. *Annals of Neurology* 2000;48:802; **Cited by 39**
13. Tan CT, Kwan BB. Cryptococcal meningitis - C.T. scan consideration. *Neuroradiology* 1987; 28:43; **Cited by 36**
14. Tan CT. Multiple Sclerosis in Malaysia. *Arch Neurol* 1988; 45: 624; **Cited by 36**
15. Yong YK, Chong HT, Tan CT, Devi S. Rapid detection, serotyping and quantitation of dengue viruses by TaqMan real-time one step RT-PCR. *Journal of Virology Methods* 2006; 138: 123-30; **Cited by 36**
16. Chong HT, Kunjapan SR, Thayaparan T, Tong JMG, Petharunam V, Jusoh MR, Tan CT. Nipah encephalitis outbreak in patients from Seremban. *Canadian Journal of Neurological Sciences* 2002;29:83; **Cited by 32**
17. Tan CT. Intracranial hypertension causing visual failure in cryptococcus meningitis. *Journal of Neurology Neurosurgery Psychiatry* 1988; 51: 944; **Cited by 31**
18. Tan CT. Juvenile muscular atrophy of distal upper extremities. *Journal of Neurology Neurosurgery Psychiatry* 1985; 47:518; **Cited by 29**
19. Wong KT, Shieh WJ, Zaki SR, Tan CT. Nipah virus infection, an emerging paramyxoviral zoonosis. *Springers Seminar in Immunopathology* 2002;24:215; **Cited by 28**
20. Chong HT, Ramli N, Lee KH, Singhal BS, J Chong, Chan LL, Chawalparit O, Prayoonwiwat N, Tsai CP, Tang KW, Li PCK, Tan CT. Magnetic resonance imaging of Asians with multiple sclerosis was similar to that of the West. *Canadian Journal of Neurosciences* 2006; 33: 95; **Cited by 27**
21. Tan KS, Tan CT, Goh KJ. Epidemiological aspects of Nipah virus infection. *Neurological Journal of Southeast Asia* 1999;4:77; **Cited by 26**
22. Tan CT, Tan KS. Nosocomial transmissibility of Nipah virus (Correspondence). *Journal of Infectious Disease* 2001;184:1367; **Cited by 25**
23. Chong HT, Li PCK, Ong B, Lee KH, Tsai CP, Singhal BS, Prayoorwiwat N, Tan CT. Severe spinal cord involvement is a universal feature of Asians with multiple sclerosis. *Neurological Journal of Southeast Asia* 2002;7:35-40. **Cited by 24**
24. Tan CT, Wong KT. The Nipah encephalitis outbreak in Malaysia. *Annals Academy Medicine Singapore* 2003;32:112-7; **Cited by 19**
25. Sejvar JJ, Hossain J, Kama Saha S, Gurley ES, Banu S, Hamadani JD, Abdul Faiz M, Siddiqui FM, Deen Mohammad Q, Mollah AH, Uddin R, Alam R, Rahman R, Tan CT, Bellini W, Rota P, Breiman RF, Luby SP. Long-term neurological and functional outcome in Nipah virus encephalitis. *Annals of Neurology* 2007; 62: 235-42. **Cited by 19**
26. Chong HT, Tan CT. Relapsed and late-onset Nipah encephalitis, a report of 3 cases. *Neurological Journal of Southeast Asia* 2003;8:109-12; **Cited by 19**
27. Goh KJ, Wong KT, Tan CT. Myopathic dropped head syndrome: a syndrome of mixed etiology. *Journal of Clinical Neuroscience* 2000;334-6; **Cited by 18**
28. Tan CT, Murray NMF, Sawyers D, Leonard TJK. Deliberate alteration of visual evoked response. *Journal of Neurology Neurosurgery Psychiatry* 1984; 47: 518; **Cited by 17**

29. Tan KS, Sarji SA, Tan CT, Abdullah BJJ, Chong HT, Thayaparan T, Koh CN. Patients with asymptomatic Nipah virus infection may have abnormal MR imaging. *Neurological Journal of Southeast Asia* 2000;5:69-73; **Cited by 17**
30. Koh CS, Tan CT, Alhady SF. Cavernous sinus syndrome: a manifestation of non-Hodgkin lymphoma of the ethmoid sinus. *Medical Journal of Australia* 1983; 451; **Cited by 16**
31. Soo MPK, Chow SK, Tan CT, Nador N, Hoh HB. The spectrum of ocular involvement in patients with SLE without ocular symptoms. *Lupus* 2000; 9:511-4; **Cited by 16**
32. Ramasundrum V, Tan CT, Chua KB, Chong HT, Goh KJ, Chew NK, Tan KS, Thayaparan T, Sree Raman K, Petharunam V, Loh YL, Ksiazek TG, Lam SK. Kinetics of IgM and IgG seroconversions in Nipah infection. *Neurological J Southeast Asia* 2000;5:23-8; **Cited by 16**
33. Ramasundrum V, Mohd Hussin ZA, Tan CT. Public awareness, attitudes and understanding towards epilepsy in Kelantan, Malaysia. *Neurological Journal of Southeast Asia* 2000;5:55-60; **Cited by 14**
34. Lim KS, Tan LP, Lim KT, Tan CT. Survey of public awareness, understanding, and attitudes toward epilepsy among Chinese in Malaysia. *Neurological Journal of Southeast Asia* 1999; 4: 31-6; **Cited by 14**
35. Ng WK, Goh KJ, George J, Tan CT, Baird A, Donnan A. A comparative study of stroke subtype between Asian and Caucasians in two hospital based stroke registries. *Neurological Journal of Southeast Asia*. 1998; 3: 19-26; **Cited by 14**
36. Amudha K, Chee KH, Tan KS, Tan CT, CC Lang. Prevalence of peripheral artery disease in urban high-risk Malaysian patients. *International Journal of Clinical Practice* 2003;57:369-72; **Cited by 13**
37. Chong HT, Tan CT, Goh KJ, Lam SK, Chua KB. The risk of human Nipah virus infection directly from bats (*Pteropus hypomelanus*) is low. *Neurological Journal of Southeast Asia* 2003;8:31-4; **Cited by 12**
38. Yaiw KC, Crameri G, Wang LF, Chua KB, Chong HT, Tan CT, Goh KJ, Devi S, Wong KT. Serological evidence of possible human infection with Tioman virus, a newly described paramyxovirus of bat origin. *Journal of Infectious Disease* 2007;196:884-6. **Cited by 12**
39. Chew NK, Goh KJ, Tan CT, Ahmad Sarji S, Wong KT. Electroencephalography in Nipah encephalitis. *Neurological Journal of Southeast Asia* 1999; 4: 45-51; **Cited by 11**
40. Yong YK, Thayan R, Chong HT, Tan CT, Sekaran SD. Rapid detection and serotyping of dengue virus by multiplex RT-PCR and real-time SYBR green RT-PCR. *Singapore Med J* 2007; 48: 662-8. **Cited by 11**
41. Misra UK, Tan CT, Kalita J. Viral encephalitis and epilepsy. *Epilepsia* 2008; 49 (Suppl. 6):13-18. **Cited by 11**
42. Tan CT, Lim SH. Epilepsy in South East Asia. *Neurological Journal Southeast Asia* 1997; 2:11-5; **Cited by 10**

#### I. Papers published in peer-reviewed journals

1. Tan CT, Gong NC, Ting WC. Subacute sclerosing panencephalitis. *Med J Malaysia* 1980; 34: 418-22
2. Tan CT, Loh TG. Neurosyphilis, a clinical survey. *Med J Malaysia* 1980; 35: 112-6
3. Tan CT, Kanan P, Sng KH. Tropical calcific pancreatitis. *Med J Malaysia* 1980; 35: 150-4
4. Tan CT. A family with ataxia. *Med J Malaysia* 1980; 35: 134-8
5. Tan CT, Loh TG. Myasthenia gravis: a clinical survey. *Med J Malaysia* 1980; 35: 144-9
6. Tan CT, Rapport RL. Clinical studies on Chinese multilinguals with dysphasia. *Singapore Med J* 1981; 22: 140-3
7. Tan CT. Syndrome of ophthalmoplegia, ataxia and areflexia: case report. *Med J Malaysia* 1981; 35: 186-7
8. Tan CT, Loh TG, Balasubramaniam P. Congenital atlanto-axial dislocation. *Med J Malaysia* 1981; 36: 230-3
9. Tan CT. Infective polyneuritis as a disease with varied presentation. *Family practitioner* 1981; 4: 51-2
10. Tan CT. Headache: a study of 50 Malaysian nurses. *Family Practitioner* 1982; 5: 61-2
11. Rapport RL, Tan CT, Whitaker HA. Language function and dysfunction among Chinese and English speaking polyglots: cortica stimulation WADA testing and clinical studies. *Brain & Language* 1983; 18: 342-66
12. Koh CS, Tan CT, Alhady SF. Cavernous sinus syndrome: a manifestation of non-Hodgkin lymphoma of the ethmoid sinus. *Med J Aust* 1983; 451-2
13. Tan CT, Murray NMF, Sawyers D, Leonard TJK. Deliberate alteration of visual evoked response. *J Neurol, Neurosurg Psychiatry* 1984; 47: 518-23
14. Tan CT. Juvenile muscular atrophy of distal upper extremities. *J Neurol Neurosurg Psychiatry* 1985; 47: 518-23
15. Tan CT, Low ET. Paroxysmal tonic seizure in demyelinating disease. *Singapore Med J* 1986; 27: 256-8
16. Tay GC, Tan CT. Mucormycosis and chronic brain abscess. *Med J Aust* 1986; 144: 725

17. Goh KL, Zaed H, **Tan CT**. Infective endocarditis in Marfan's Syndrome - a case report. *Singapore Med J* 1986; 27: 446-9
18. **Tan CT**, Kwan BB. Cryptococcal meningitis - C.T. scan consideration. *Neuroradiology* 1987; 28: 43-6
19. **Tan CT**. Multiple Sclerosis in Malaysia. *Arch Neurol* 1988; 45: 624-7
20. Muthusamy E, **Tan CT**. Clinically definite multiple sclerosis in a young Malay female; a case report. *Med J Malaysia* 1988; 3: 170-2
21. **Tan CT**. Intracranial hypertension causing visual failure in cryptococcus meningitis. *J Neurol Neurosurg Psychiatry* 1988; 51: 944-6
22. **Tan CT**. Prognosis of patients who present with an episode of myelopathy of unknown origin in Malaysia: a retrospective study of 52 patients. *Aust NZ J Med* 1989; 19: 297-302
23. **Tan CT**. Headache. *Family Physician* 1989; 1: 9-11
24. Fan CJ, Veerapan RJ, **Tan CT**. Case Report: Subdural lipoma with posterior fossa extension. *Clinical Radiology* 1989; 40: 91-4
25. Chee CP, **Tan CT**, Nuruddin R. Syringomyelia associated with cauda equina meningioma involving the conus medullaris. *Br J Neurosurg* 1990; 4: 529-33
26. **Tan CT**. Reply to "Prognosis of patients...myelopathy of unknown origin (letter) *Aust NZ J Med* 1990; 20:189
27. **Tan CT**, Abdullah Daud, Habib Zakariya. CT scan changes in multiple sclerosis among Malaysian patients. *Neuroradiology* 1991; 33: 494-8
28. Lee MK, Ong SBY, **Tan CT**, Loh TG. Neuroleptic malignant syndrome in Malaysia. *Med J Malaysia* 1992; 47:227-34
29. **Tan CT**, Leong S. Evoked response study among Malaysian multiple sclerosis patients. *Singapore Med J* 1992; 33: 575-80
30. Lee MK, Cheng HM, Ng SC, Menaka N, **Tan CT**, Wang F. Antiphospholipid antibodies and stroke in the young in Malaysia. *Med J Malaysia* 1993; 48: 330-5
31. Manonmani V, **Tan CT**. Juvenile myoclonic epilepsy -- a report of 11 patients at the University Hospital, Kuala Lumpur. *Singapore Med J* 1993; 34: 378-80
32. Manonmani V, **Tan CT**. Malaysian children with: "Benign epilepsy of childhood with centrotemporal spikes. *Singapore Med J* 1994; 35: 247-9
33. **Tan CT**. The hot bath test among Malaysian multiple sclerosis patients. *Med J Malaysia* 1994; 49: 49-52
34. Mohamed R, **Tan CT**, Wong NW. Wilson's disease -- a review of cases at University Hospital, Kuala Lumpur. *Med J Malaysia* 1994; 49: 49-52
35. Ng WK, **Tan CT**. Paroxysmal cerebellar ataxia: use of phenytoin as a provocative test. *Aust NZ J Med* 1994; 24: 583
36. Bakar A., Lee MK, **Tan CT**, Arokiasamy JT, Yap TM, Neo BL, Rani J. Oral sumatriptan in the treatment of acute migraine in Malaysia. *Excerpta Medica* 1995
37. Manonmani V, **Tan CT**. Narcolepsy - A case report. *Malaysian J Child Health* 1995; 7: 153-5
38. Ng WK, Samad SA, **Tan CT**. Spinal dural Arteriovenous malformation: a cause of myelopathy. *Med J Malaysia* 1996; 51:151-3
39. Ng WK, **Tan CT**, George J, Lee MK, Loh TG. Moya-Moya disease in Malaysia, two documented cases. *Med J Malaysia*
40. Liam CK, How LG, **Tan CT**. Road traffic accident in patients with obstructive sleep apnea. *Med J Malaysia* 1996; 51: 143-5
41. Alders EEA, Hentzen A, **Tan CT**. A community-based prevalence study on headache in Malaysia. *Headache* 1996; 36:379-84
42. **Tan CT**. Why the Neurological Journal of South East Asia. *Neurol J Southeast Asia* 1996; 1:1
43. Ng WK, **Tan CT**. Peripheral nerve involvement in immunocompetent hosts with cryptococcal meningitis: a clinical and electrophysiological study. *Neurol J Southeast Asia* 1996; 1:33-7
44. Goh KJ, Wang CL, Leong S, **Tan CT**. Peripheral neuropathy in systemic lupus erythematosus - electrophysiological features in 50 consecutive patients. *Neurol J Southeast Asia* 1996; 1: 47-51
45. Renganathan A, Ng WK, **Tan CT**. Transverse myelitis in association with dengue infection. *Neurol J Southeast Asia* 1996; 1: 61-3
46. Wang F, Wang CL, **Tan CT**, Manivasagar M. Systemic lupus erythematosus in Malaysia: a study of 539 patients and comparison of prevalence and disease expression in different racial and gender groups. *Lupus* 1997; 6: 248-53
47. **Tan CT**. Multiple sclerosis in Malaysia. *Neurol J Southeast Asia* 1997; 2:1-5
48. **Tan CT**, Lim SH. Epilepsy in South East Asia. *Neurol J Southeast Asia* 1997; 2:11-5
49. How LG, Wang CL, **Tan CT**. Seizures in patients with systemic lupus erythematosus. *Neurol J Southeast Asia* 1997; 2:25-9
50. Goh KJ, Hentzen A, Alders EEA, **Tan CT**, Hoh CM. Headache in systemic lupus erythematosus: is there an entity of "lupus headache". *Neurol J Southeast Asia* 1997; 2:51-6
51. Ng WK, Teh BT, Malmberg I, **Tan CT**, Goh KJ, Sng KH, Easaw PES, Sharri M, Anvret M. Huntington's disease in Malaysia: a clinical and genetic study. *Neurol J Southeast Asia* 1997; 2:57-63
52. **Tan CT**. Cultural belief system and headache. *Neurol J Southeast Asia*. 1997; 2: 147-50
53. Goh KJ, Ahmad Sarji S, Omar S, **Tan CT**. Severe lupus leukoencephalopathy - a case report. *Neurol J Southeast Asia*. 1997; 2: 185-90
54. **Tan CT**. Recent advances in epilepsy. *Singapore Med J* 1998; 39: 141-2
55. Doi SAR, **Tan CT**, Liam CK, Naganathan K. Cryptococcosis at the University Hospital, Kuala Lumpur. *Tropical Doctor* 1998;28:34-9
56. Teh PS, See HP, **Tan CT**. Medical negligence litigation --- call for a reconsideration. *Malayan Law Journal*. 1998, September
57. Ng WK, Goh KJ, George J, **Tan CT**, Baird A, Donnan A. A comparative study of stroke subtype between Asian and Caucasians in two hospital based stroke registries. *Neurol J Southeast Asia*. 1998; 3: 19-26
58. **Tan CT**. Book Review: M Scott Peck, The road less travelled: a new psychology of love, traditional values and spiritual growth. *Singapore Med J* 1998; 39: 566
59. **Tan CT**. Stroke -- time for greater efforts and enthusiasm. *J University of Malaya Medical Centre* 1998; 3:1,2
60. Manonmani V, **Tan CT**. A study of newly diagnosed epilepsy in Kuala Lumpur. *Singapore Med J* 1999; 40:32-5

61. Chew NK, Goh KJ, **Tan CT**. Parkinson's disease in University Hospital, Kuala Lumpur. *Neurol J Southeast Asia* 1998; 3: 75-80
62. Chew NK, Goh KJ, **Tan CT**. Guillain Barre Syndrome with antecedent dengue infection. *Neurol J Southeast Asia* 1998; 3: 85-6
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22. **Tan CT**. Nipah and Hendra virus encephalitis. In: DA Warrell, RM Cox, JD Firth eds: *Oxford Textbook of Medicine*. 5<sup>th</sup> Edition. Oxford University Press, 2010:525-6.
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24. Lim KS, **Tan CT**. Epilepsy in specified group of patients – Elderly. Panayiotopoulos CP *et al*, eds: *Atlas of Epilepsy*. Springer 2010:
25. HT Chong, **Tan CT**. Viral encephalitis. In: Mamta B Singh, Rohit Bhatia, eds: *Emergencies in Neurology*. Byword Books. 2011: 241-59.
26. Lim KS, **Tan CT**. South East Asia. In: Chapman D, Panelli R, Hanna J, Jeffs T, eds: *Sudden unexpected death in epilepsy*. Epilepsy Australia Ltd. 2011:120-1.
27. Chong HT, **Tan CT**. Aetiology of epilepsy, emerging and less common central nervous system encephalitis. Shorvon S, Guerrini, Andermann F, eds: *The Causes of Epilepsy*. Cambridge University Press. (in press)

## INVITED LECTURES TO INTERNATIONAL LEVEL LEARNED SOCIETIES (2006-2011)

### 2011

1. “Management of first seizure”, “Juvenile myoclonic epilepsy and idiopathic generalized epilepsy”; Epilepsy syndrome workshop, China Association Against Epilepsy; Harbin, Heilongjiang Province, China
2. “Epidemiology of epilepsy in South East Asia”, “Epilepsy treatment gap in rural Malaysia”; Health Science University of Cambodia – Cambodian Association Against Epilepsy – Cambodian Neurological Association – Tropical Neurology Institute University of Limonge, Seminaire sur l’Epilepsie, Phnom Penh, Cambodia
3. “Video-EEG Monitoring – An Overview”, “Classification of seizures”; Video-EEG Teaching Course, Asian Epilepsy Academy (ASEPA), Penang
4. “Seizures and epilepsy in CNS disorders”, “Seizures in Renal disorders”, “Management of seizures in non-epileptic and systemic disorders”; Indonesian Neurological Association, Solo, Indonesia
5. “Start, change and withdrawal of anti-epileptic drugs”, “Anti-epileptic drug and non-AED interaction”, Epilepsy drug treatment workshop, Taiwan Epilepsy Society, Taipei, Taiwan.
6. “EV-71 encephalitis, an update”, “NMDAR encephalitis”; Indonesian Neurological Association 7<sup>th</sup> National Congress, Manado, North Sulawesi, Indonesia
7. “Psychiatric and psychological aspect of epilepsy surgery”; 29<sup>th</sup> International Epilepsy Congress, Rome, Italy
8. “Ictal EEG pattern”; Sri Lanka Association Against Epilepsy scientific meeting, Colombo, Sri Lanka
9. “Viral encephalitis in Malaysia”; 11<sup>th</sup> Annual Athasit Vejajiva Lecture, Mahidol University, Bangkok, Thailand
10. “Overcoming stigma in epilepsy”. 3<sup>rd</sup> Scientific Conference on Epilepsy in Laos, Vientiane, Laos.

### 2010

1. “Viral meningitis and encephalitis”, “Nipah and enterovirus encephalitis”; CNS Infection Symposium, Myanmar Medical Association – Myanmar Neurological Society – ASEAN Neurological Association; Yangon, Myanmar
2. “The saga of Nipah encephalitis, an update”, Merdeka Award lecture, International Medical University, Kuala Lumpur
3. “Antiepileptic drugs initiation, selection approach, withdrawal”, “Antiepileptic drugs-non antiepileptic drugs interaction”, “Antiepileptic drugs use in special populations: elderly”; Antiepileptic drug treatment workshop, The Vietnam Epilepsy Association & Asian Epilepsy Academy; Ho Chi Minh City, Vietnam.
4. “Management of first seizure”, “Juvenile myoclonic epilepsy and idiopathic generalized epilepsy”; Epilepsy syndrome workshop, China Association Against Epilepsy; Changchun, Jilin Province, China
5. “Epilepsy: concepts and epidemiology”, “Management of drug resistant epilepsy”; Epilepsy workshop, Myanmar Medical Association annual meeting, Mandalay, Myanmar.

### 2009

1. "The saga of Nipah virus encephalitis"; Merdeka Award Lecture Series, Monash University Sunway Campus, Kuala Lumpur
2. "Basic mechanism of EEG"; "Normal EEG of adults and elderly"; "Use of EEG in seizure and non-seizure disorders"; ASEPA-ASNA workshop, 8<sup>th</sup> Biennial Convention of ASEAN Neurological Association, Kuala Lumpur
3. "Neurology training in Southeast Asia: Issues and controversies"; 8<sup>th</sup> Biennial Convention of ASEAN Neurological Association, Kuala Lumpur
4. "Diagnosis, classification and etiology of epilepsy"; "Global Campaign Against Epilepsy in China", 2<sup>nd</sup> IFMT Scientific Conference on Epilepsy in Laos, Vientiane, Lao PDR
5. "Antiepileptic drugs initiation, selection approach, withdrawal"; "Antiepileptic drugs-non antiepileptic drugs interaction"; "Antiepileptic drugs use in special populations: elderly"; Antiepileptic drug treatment workshop, The 7<sup>th</sup> National Biennial Meeting, Indonesian Neurological Association – Asian Epilepsy Academy; Medan, Indonesia.
6. "Pharmacology of IV diazepam, phenytoin, and Phenobarbital"; "General principles of status epilepticus management"; Status Epilepticus Workshop, Asian Epilepsy Academy, Kota Kinabalu
7. "Current view of Nipah encephalitis clinical description & case management in Malaysia"; WHO Inter country Workshop on Nipah, Hendra, and Ebola-Reston Viruses, Research and Public Health, Maroochydore, Queensland, Australia
8. "Treatment of seizures and epilepsy in medical comorbidities"; 19<sup>th</sup> World Congress of Neurology, Bangkok, Thailand
9. "Classification of epilepsy"; 1<sup>st</sup> Hong Kong Neurological Congress, Hong Kong
10. "Normal EEG"; "Non-Epileptiform abnormalities of EEG"; "Use of EEG in seizures and epilepsies"; EEG Workshop, 3<sup>rd</sup> Beijing International Epilepsy Forum, Beijing, China
11. "Psychosocial problems in persons with epilepsy"; Workshop in Medical & Psychosocial Issues of Epilepsy, ASEPA-Vietnam Epilepsy Association, Hanoi-HCMC, Vietnam
12. "Video-EEG Monitoring - An Introduction"; "Future direction of epilepsy research"; Non-Invasive Video-EEG Monitoring Workshop and Epilepsy Symposium, ASEPA-Indonesian Neurology Association, Surabaya, Indonesia
13. "The saga of Nipah and Hendra viruses"; Merdeka Award Lectures, UiTM, Shah Alam, Selangor

## 2008

1. "Epilepsy, concepts and demography"; "Epilepsy in the elderly"; "Epilepsy organization and network"; Epilepsy Teaching Course, Fuzhou, Fujian, China.
2. "Epidemiology of epilepsy"; "Epidemiology and care of epilepsy in Asia"; "Epilepsy in rural Malaysia"; Epilepsy in Lao Workshop. Institute Francophone Medicine Tropicale, Vientiane, Lao.
3. "Focal features in idiopathic generalized epilepsy"; "Focal epilepsy"; Workshop on Epilepsy Syndrome, Society of Neurologists, Bangladesh, Dhaka, Bangladesh.
4. "Epilepsy Education in Asia"; 9<sup>th</sup> Annual Scientific Meeting of the Taiwan Epilepsy Society, Taipei, Taiwan.
5. "Update on Nipah encephalitis"; Mahathir Science Award lecture series. Kuala Lumpur.
6. "Ethics of epilepsy resource allocation and utilization in countries with limited resources"; 7<sup>th</sup> Asian & Oceanian Congress of Epilepsy. Xiamen, China
7. "When to start antiepileptic drugs"; "When to stop antiepileptic drugs"; Advances in Neurology, Neurology Unit, Penang Hospital.
8. "Imaging in epilepsy"; "Development of epilepsy surgery services"; Epilepsy Surgery Workshop, Asian Epilepsy Academy, Semarang, Indonesia
9. "Start, switch and stop antiepileptic drugs"; "Antiepileptic drugs in the elderly"; Antiepileptic drug treatment workshop, Philippine League Against Epilepsy, Tagaytay City, Philippine, 2008
10. "History, anatomical and physiological basis of electroencephalography"; 1<sup>st</sup> China Association Against Epilepsy's EEG and Clinical Neurophysiology Conference, Tianjin, China
11. "Seizures and epilepsy in viral encephalitis"; Annual Academic Sessions of the Ceylon College of Physicians, Colombo, Sri Lanka
12. "Normal EEG in adults"; "Normal variants"; "Use of EEG in diagnosis and treatment of epilepsy"; EEG Teaching Course, Sri Lankan League Against Epilepsy, Colombo, Sri Lanka
13. "Emerging encephalitis"; Congres Cambodge Sante 2008, University of Health Sciences, Phnom Penh, Cambodia
14. "Update on clinical aspects of Nipah virus infection in Malaysia"; Nipah virus Colloquim, Tropical Infectious Disease Research and Education Centre, University of Malaya, Kuala Lumpur
15. "Treatment of epilepsy in medical comorbidities"; Hong Kong Neurological Society Annual Scientific Meeting, Hong Kong
16. "Use of EEG in seizure and non-seizure disorders"; "Normal EEG in adults and elderly"; A Refresher Course in Improving EEG Reading and Interpretation Skills, Hong Kong Epilepsy Society/Asian Epilepsy Academy, Hong Kong

17. "Epilepsy in special situations"; International Neurology Seminar – 2008, Society of Neurologists of Bangladesh, Dhaka

## 2007

1. "Diagnosis and management of epilepsy in the elderly"; Hospital Pulau Pinang clinical meeting, Penang.
2. "Antiepileptic drug management of seizures and epilepsy in the elderly"; 2<sup>nd</sup> Indonesian Epilepsy Meeting, Indonesian Neurological Association/Indonesian Epilepsy Society; Bali, Indonesia.
3. "Seizures and epilepsy in Nipah encephalitis"; Infection and Epilepsy Symposium, *PGI Neurological Society*, Chandigarh, India.
4. "EEG: Normal variants and uncommon pattern of doubtful significance"; "Use of EEG in the management of seizure and non-seizure disorders"; ASEPA EEG Teaching Course; 7<sup>th</sup> ASNA, Cha Am, Thailand
5. "Epilepsy, introduction, concepts and demography"; "Epilepsy in the elderly"; "Epilepsy care and organization"; ASEPA Epilepsy Teaching Course; Haikou, Hainan, China
6. "When to start, switch, stop antiepileptic drugs"; Society of Neurologists, Bangladesh, Dhaka, Bangladesh
7. "Movement disorders simulating seizures"; The National Symposium of Parkinson's disease & Movement Disorder, Indonesian Neurological Society, Medan, Indonesia
8. "Free on-line journals, is this the solution for reducing knowledge and research epilepsy gap in the developing countries?" 27<sup>th</sup> International Epilepsy Congress, Singapore.
9. "Diagnosis of epilepsy in elderly"; National Workshop for the Elderly – Neurodegenerative Diseases. Health Strategy and Policy Institute, National Institute of Gerontology, Hanoi, Vietnam.
10. "Symptomatic epilepsy in Asia"; "Management of intractable epilepsies in developing countries"; Epilepsy Update, Indian Epilepsy Association (West Bengal), Chalsa, India.

## 2006

1. "Neuro-anatomical and neuro-physiological basis of EEG"; "Non-epileptiform patterns"; "Use of EEG in the management of seizures and non-seizure disorder"; "Evaluating and managing seizures in medical disorder"; EEG Teaching Course, Asian Epilepsy Academy, Dhaka, Bangladesh.
2. "Use of antiepileptic drugs in medical comorbidities"; "Use of antiepileptic drugs in women and elderly"; 2<sup>nd</sup> Antiepileptic Drug Treatment Workshop, Asian Epilepsy Academy, Guangzhou, China.
3. "Epilepsy, concepts and demography"; "Epilepsy in the elderly"; "Epilepsy organization and network"; Epilepsy Teaching Course, Nanning, Guangxi, China.
4. "Neuroysticercosis"; "Update on Nipah virus infection"; ASEAN Neurological Association Symposium on CNS Infection, Penang, Malaysia
5. "Multiple sclerosis"; Update on neuro-ophthalmology, 1<sup>st</sup> National Ophthalmology Symposium, University of Malaya, Kuala Lumpur.
6. "Epilepsy care in Asia"; National Epilepsy Centre, Shizuoka, Japan
7. "Epidemiology of epilepsy in Asia"; "Diagnosis and management of epilepsy in the elderly"; 40<sup>th</sup> Annual Conference of the Japan Epilepsy Society, Kanazawa, Japan
8. "Diagnosing and treating epilepsy, the Asian outlook"; 6<sup>th</sup> Asian & Oceanian Epilepsy Congress, Kuala Lumpur