

## Curriculum Vitae

Dr. Wan Asyraf Wan Zaidi  
MD UKM, Doctor of Internal Medicine (MMed UKM, Malaysia)

Clinical Lecturer,  
Neurologist & Physician,

Vice President of Malaysia Stroke Council,  
National lead investigator ( Malaysia ) TRIDENT clinical trial  
National co-lead investigator ( Malaysia ) AVERT DOSE clinical trial  
National Stroke Treatment Workflow Committee  
ANGELS initiative steering committee  
World Stroke Organization member.



## **Summary of Achievement in Neurology**

I was trained in Hospital Canselor Tuanku Muhriz, Pusat Perubatan Universiti Kebangsaan Malaysia and attachment at the Comprehensive Stroke Center, Melbourne Brain Center, Royal Melbourne Hospital, Melbourne, Australia under supervision of Prof. Dr. Bruce Campbell, one of leading stroke neurologist in the world.

Major stroke clinical trial experience till date as the followings:

- 1) TICH-2 trial - investigator
- 2) TRIDENT trial - National lead investigator
- 3) AVERT DOSE trial - National co-lead investigator

I am a clinical lecturer in internal medicine, neurology and stroke. I am involved with local studies related to Stroke Riskometer validation in Bahasa Malaysia and pilot study in high risk population, FAST TIA follow up clinic and Mild Stroke study (first model in Malaysia) , telemedicine in stroke and few others master student projects.

My recent publication related to stroke:

1. Wan Asyraf WZ, Ah Khan YK, Chung LW, et al. Malaysia Stroke Council guide on acute stroke care service during COVID-19 Pandemic. *Med J Malaysia*. 2020;75(3):311-313.
2. Wan Asyraf WZ, Elengoe S, Che Hassan HH, Abu Bakar A, Remli R. Concurrent stroke and ST-elevation myocardial infarction: Is it a contraindication for intravenous tenecteplase?. *Med J Malaysia*. 2020;75(2):169-170.
3. Ng, Boon Hau, Zhe Kang Law, Rabani Remli, Hui Jan Tan, Norlinah Mohamed Ibrahim, Azman Ali, Raymond, Wan Asyraf Wan Zaidi, Syed Zulkifli Syed Zakaria, Nafisah Wan Yahya and Ramesh Sahathevan. "Incidence and risk factors of delirium in patients with acute ischaemic stroke." *Neurology Asia*. (2019).
4. Kori, Najma, Wan Asyraf Wan Zaidi, Rabani Remli, Raymond Azman Ali, Norlinah Mohamed Ibrahim, Hui Jan Tan, Syed Zulkifli Syed Zakaria, Zhe Kang Law, Kartini Ahmad, Wan Nur Nafisah Wan Yahya and Ramesh Sahathevan. "A validation study of the Bahasa Malaysia version of the national institute of health stroke scale." *Neurology Asia* 23 (2018): 225-232.
5. Shahedah KK, Khoo CS, Wan Nur Nafisah WY, Ng CF, Noor Ashikin I, Mohd Naim MY, Syazarina Sharis O, Rozman Z, Wan Asyraf WZ. Successful intravenous thrombolysis of a wake-up stroke with underlying valvular atrial fibrillation. *J R Coll Physicians Edinb*. 2018 Sep;48(3):239-241. doi: 10.4997/JRCPE.2018.308.

My teaching/outreach experience?

I am a clinical tutor since 2012 and clinical lecturer since 2016 at the Hospital Universiti Kebangsaan Malaysia. I am also involved as the speaker in the regional ANGELS initiative stroke thrombolysis program in Jakarta, Indonesia in 2018 and Manila, Philippines in 2019. I am actively involved with establishment of stroke thrombolysis service in Maldives, we had our first workshop in 2019. The Maldives Stroke Thrombolysis Workshop was organized during the Brain and Spine conference 2019, we had a visit to their hospital and established their hyperacute stroke pathway, followed by the extensive one and half day practical case based discussion.

## Personal and Professional Details

Name	Wan Asyraf Bin Wan Zaidi
IC	850518-10-5503
Date of Birth	18 May 1985
Place of work	8 <sup>th</sup> Floor, Medical Department, Hospital Canselor Tuanku Muhriz, Pusat Perubatan Universiti Kebangsaan Malaysia, Jalan Yaacob Latiff, Bandar Tun Razak, 56000, Cheras, Wilayah Persekutuan Kuala Lumpur, Malaysia.
Telephone number	+6013 3884836 (Mobile)
E-mail	drwawz87@gmail.com wan.asyraf.wan.zaidi@ppukm.ukm.edu.my
Nationality	Malaysian
Marital	Married

## **Education**

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Master – MMed UKM ( Doctor of Internal Medicine UKM) , May 2016

Undergraduate – MD UKM, April 2009

Foundation – Penang Matriculation, April 2004

## **Clinical Practice & Training**

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Internship (25 May 2009 - 12 June 2011)

Duration 2 years:

6 rotations ( 4 months each )

- 1) Medical
- 2) Obstetric and Gynaecology
- 3) General Surgery & Urology
- 4) Orthopaedic
- 5) Paediatric
- 6) Emergency Medicine

Medical Officer

Emergency department Selayang Hospital : 13 June 2011 – 13 November 2011

Medical department PPUKM : 14 November 2011 - 31 May 2012  
(General medical and Nephrology)

Post Graduate Training : Master in Internal Medicine (MMed/Doctor of Internal Medicine) Universiti Kebangsaan Malaysia : June 2012 – June 2016

Medical officer

- Emergency Department ( 5 months)
- General Internal Medicine ( 16 months)
- Subspeciality Medical officer ( 3 months each )
- 1) Neurology
- 2) Cardiology
- 3) Nephrology (6 months)
- 4) Gastroenterology
- 5) Respiratory
- 6) Endocrinology
- 7) Hematology & Bone Marrow Transplant Unit
- 8) Dermatology / Infectious disease / Rheumatology ( 1 month each)

Internal medicine physician – 27<sup>th</sup> May 2016

Clinical Neurologist – 2016-2019

Neurologist HCTM PPUKM 2019 till date

## **Post Graduate Qualification**

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1. Doctor of Internal Medicine MMed (UKM) 2016 Universiti  
Kebangsaan Malaysia

## **Research Publication & Poster Presentation**

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### **Journal full publication and abstract:**

1. Comparison of Risk Factors Between Young Stroke and Older Age group: Findings from a Hospital-Based Registry. Abstracts of the 4th International Congress on Neurology and Epidemiology. 2014;43:100. (Co-author)
2. An Analysis of the Clinical Risk Factors for Lacunar and Non-Lacunar Strokes in the Oldest Old Malaysian Population : Data from Hospital-Based Registry. Abstracts of the 4th International Congress on Neurology and Epidemiology. 2014;43:100. (Co-author)
3. Clinical Risk Factors for Lacunar Stroke in the Oldest Old Malaysian Population: Data from Hospital-Based Registry. Abstracts of the 4th International Congress on Neurology and Epidemiology. 2014;43:101. (Co-author)

(The above are poster presentations and published in Journal of the International Association of Neurology and Epidemiology (IANE), e-ISSN 1423-0208 ).

4. **Splenic Littoral cell angioma a patient with myasthenia gravis. Brunei Int Med J. 2014;10(4):208-211. (Co-author)**
5. **A Case Report of Chronic Necrotising Aspergillosis on Tocilizumab therapy, Medical Research Chronicle Article. 2015; 2(3):451-455. (Co-author)**
6. **Rituximab induced lung disease. Malaysian Medical Journal. 2016;71(4):209-210. (1<sup>st</sup> author)**
7. Hyperprolactinemia association with Lupus nephritis disease activity. Med & Health Jul 2017; 12(1) (Suppl): 1-149 (1<sup>st</sup> author- Oral presentation at Malaysia Indonesia Brunei Medical Sciences Conference July 2017)
8. **Time-frequency analysis in ictal and interictal seizure epilepsy patients using electroencephalogram. Journal of Theoretical & Applied Information Technology. June 2018-co-author**
9. The identification of vestibular dysfunction in a patient with cerebellar infarct *International Journal of Stroke 2018. -co-author*
10. **Multiresolution analysis on nonlinear complexity measurement of EEG signal for epileptic discharge monitoring .Malaysian Journal of Fundamental and Applied Sciences 2018 -co-author**
11. **Successful intravenous thrombolysis of a wake-up stroke with underlying valvular atrial fibrillation. RCPE Journal 2018- corresponding author**

12. **A validation study of the Bahasa Malaysia version of the National Institute of Health Stroke Scale. *Neurology Asia* October 2018- co-author**
13. Unique task specific oromandibular dystonia associated with Quran recitation. *Mov Diord* 2018- co-author
14. Kuala Lumpur Regionalized Integrated Stroke Intervention System – Stroke Thrombolysis Registry (KRISIS – STR ) Audit 2009–2015: Clinical outcome with Large Vessel Occlusion. *Cerebrovascular Journal* 2018–author
15. Kuala Lumpur Regional Integrated Stroke Intervention System – Intra-Arterial Thrombectomy Registry (KRISIS – ITR) Audit 2009–2015. *Cerebrovascular Journal* October 2018– corresponding author.
16. Impact of out-of-hours intravenous thrombolysis on outcomes in patients with acute ischaemic stroke: a single centre audit from malaysia. - *cerebrovascular diseases journal* 2017 -Corresponding author
17. A single centre tertiary hospital experience in malaysia: stroke thrombolysis service performance before and after a comprehensive stroke care unit. - *cerebrovascular diseases* 2017- Corresponding author
18. Successful Mechanical Thrombectomy of Low ASPECTS Wake-Up Stroke Assisted by Computed Tomography Perfusion in PPUKM at 7.5 Hours of Onset: A Stroke Center Experience in Developing Countries. *Cerebrovascular Journal* October 2018- corresponding author
17. Kuala Lumpur Regional Integrated Stroke Intervention System – Stroke Thrombolysis Registry (KRISIS – STR ) Audit 2010–2016: Treatment Outcome of Patients With Poor Glycaemic Control. *Cerebrovascular Journal* October 2018- corresponding author
18. Acute Disseminated Encephalomyelitis in Post-Allogeneic Peripheral Blood Stem Cell Transplantation with Subclinical Cytomegalovirus Infection *Multiple Sclerosis Journal* 2018-co-author
19. Neuromyelitis Optica Spectrum Disorder and Sjögren`s Syndrome: A Rare Clinical Phenotype *Multiple Sclerosis Journal* 2018-co-author
20. **Neuroimaging in dengue: CT and MRI features *Neurology and Clinical Neuroscience* 2018-co-author**
21. Falls in patients with Parkinson`s Disease (PD) and their association with Bone Mineral Density (BMD) -*Parkinsonism and Related Disorders* 2018- co-author
22. Visual spatial dysfunction and retinal nerve fiber layer thickness in patients with Parkinson Disease *Parkinsonism and Related Disorders* 2018. Co-author
23. **The association between serum prolactin levels and interleukin-6 and systemic lupus erythematosus activity *Reumatismo journal* 2019- author**



24. **Computerized Recognition of Epileptic Discharge (CREED) algorithm and its clinical application - *Clinical Neurophysiology 2018- co-author***
25. Longitudinally Extensive Transverse Myelitis in a Patient with Highly Active Relapsing-Remitting Multiple Sclerosis. *Multiple Sclerosis Journal* 2019 – co-Author.
26. **Incidence and risk factors of delirium in patients with acute ischaemic stroke. *Neurology Asia* December 2019-co-author**
27. **Malaysia Stroke Council guide on acute stroke care service during COVID-19 andemic 2020 – *MJM* 2020, main author and correspondence**
28. **Concurrent stroke and STEMI: Is it a contraindication for intravenous tenecteplase? – *MJM* 2020 main author and correspondence**

#### **Poster**

1. Guillain-Barre syndrome presenting with acute urinary retention and T6 sensory level: A case report. (Co-author)  
- Poster at the 16<sup>th</sup> Asian & Ocenian Myology Center Annual Scientific Meeting August 2017, Singapore.
2. A successful intravenous thrombolysis in a wake-up stroke with low CHA<sub>2</sub>DS<sub>2</sub>VASc score atrial fibrillation using computed tomography perfusion to assist decision making. (1<sup>st</sup>-author) - Poster at MyNeuro August 2017, Malaysia.
3. Dengue fever complicated with subarachnoid bleed in the post recovery phase – an unreported case. (Co-author)  
- Poster MyNeuro August 2017, Malaysia.
4. Therapeutic Plasma Exchange in Patients with Neurologic Disorders: National University of Malaysia Medical Centre Experience  
(Co-author) 2nd Annual Malaysian Conference & Workshop on the Immunomodulatory role of Plasmapheresis in Central & Peripheral Nervous System Disorders: A Practical Approach and New Knowledge 2017.
5. Successful Treatment with Plasmapheresis in Guillain-Barré Syndrome with Atypical Presentations - a Case Report (Co-author)  
  
2nd Annual Malaysian Conference & Workshop on the Immunomodulatory Role of Plasmapheresis in Central & Peripheral Nervous System Disorders: A Practical Approach and New Knowledge 2017.

## **Conference Presentation/ Lecture/ Seminar facilitator/ Judge/Magazine**

- 1.** Hyperprolactinemia association with Lupus nephritis disease activity  
- Oral presentation at Malaysia Indonesia Brunei Medical Sciences Conference July 2017.
- 2.** Rapid Diagnostic Value of Early Electroencephalography in Stroke Mimics: A Case Series *12th Asian & Oceanian Epilepsy Congress July 2018- co-author*
- 3.** The Usefulness of Perfusion Imaging in Acute Stroke with Low Non-Contrast CT ASPECTS for Reperfusion Therapy  
*17th Asian and Oceanian Myology Centre (AOMC) Annual Scientific Meeting & 28th Malaysian Society of Neurosciences (MSN) Annual Scientific Meeting July 2018- coauthor*
- 4.** The identification of vestibular dysfunction in a patient with cerebellar infarct.  
World Stroke Congress October 2018- co-author
- 5.** Kuala Lumpur Regionalized Integrated Stroke Intervention System – Stroke Thrombolysis Registry (KRISIS – STR ) Audit 2009–2015: Clinical outcome with Large Vessel Occlusion. Asia Pacific Stroke Conference October 2018– Presenter and author
- 6.** Successful Mechanical Thrombectomy of Low ASPECTS Wake-Up Stroke Assisted by Computed Tomography Perfusion in PPUKM at 7.5 Hours of Onset: A Stroke Center Experience in Developing Countries. Asia Pacific Stroke Conference  
October 2018– corresponding author
- 7.** Kuala Lumpur Regional Integrated Stroke Intervention System – Intra-Arterial Thrombectomy Registry (KRISIS – ITR) Audit 2009–2015. Asia Pacific Stroke Conference October 2018– corresponding author
- 8.** Hyperacute stroke imaging from the perspective of strokeologist- DISCOVER CRC Penang
- 9.** Abnormal Oculomotor Function in Anterior and Posterior Circulation Stroke  
*Minggu Penyelidikan & Kolokium Siswazah. December 2018-co-author*
- 10.** Bilateral Independent Periodic Discharges in Septic Cavernous Sinus Thrombosis and Focal Seizures: A Case Report *33rd International Epilepsy Congress June 2019– co-author*
- 11.** Impaired oculomotor function post-ischemic stroke: frequency, characteristics and lesions involved *12th International Symposium of Health Sciences (iSIHAT2019) August 2019 – co-investigator and co-author*
- 12.** Artikel Gejala Awal Gejala Awal Strok, Berita Harian 18 Julai 2020.

## **Professional Clinical Commitments**

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1. Neurology fellow and Internal Medicine Specialist (Clinical Lecturer) since June 2016 till date.
2. Kuala Lumpur Regionalised Integrated Stroke Intervention System committee member since April 2017.
3. Facilitator for Group 16 Personal & Profesional Development 3 Camp 2016 (Final year undergraduate).
4. Mentor for Group 49 Personal & Profesional Development Mentoring Program for Year 5 2017.
5. Clinical Examination Coordinator and Examiner Year 3 (Undergraduate) 2016-2017.
6. Mentor for Group 27 Personal & Profesional Development Mentoring Program for Year 5 2019/2020.
7. Mentor for Group 14 Personal & Profesional Development Mentoring Program for Year 4 2019/2020.

## **Professional organisation:**

1. Malaysian Society of Neurosciences - Ordinary member
2. Malaysia Stroke Council – Vice President 2018- till date
3. World Stroke Organization member - 2020

## **Workshop, Seminar and Conferences**

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1. Neurocritical Care Teaching Course, Malaysia (4-6 August 2016 – Delegate)
2. Lunbeck Dementia Workshop, Malaysia (2-3 September 2016 – Delegate)
3. Asian and Ocenian Congress of Neurology, Malaysia (18-21 Ogos 2016 – Delegate)
4. Singapore Stroke Conference (6-8 October 2016 – Delegate)
5. World Stroke Day PPUKM and Launching of Stroke Riskometer Malay version 2016 ( 27 October 2016 – Speaker and Organiser )
6. Acute Stroke Thrombolysis Workshop PPUKM, Malaysia (7 January 2017 – Speaker and Organiser )
7. International course: ASEAN program of stroke service development 2017, Thailand (1-4 May 2017 – Delegate)
8. NOACs Management Workshop 2017, Bayer, Malaysia (22 July 2017 – Speaker)
9. Australasian Stroke Academy – Stroke Management Seminar (5-6 August 2017 – Delegate)
10. MSN 2018 – Oral presentation Improvement of Stroke Thrombolysis in PPUKM.
11. MSN 2019 – Hyperacute Stroke Imaging Perspective of a Stroke Neurologist
12. Malaysia Stroke Conference 2019 – Hyperacute Stroke Case
13. Malaysia Stroke Conference 2019 – Hyperacute Stroke Imaging in era of Stroke Thrombectomy
14. **Advance Stroke Masterclass 2019 MSC – Australasian Stroke Academy collaboration – Stroke case and moderator**

15. Stroke workshop 2019 – PPUKM
16. Stroke workshop 2019- Sg. Petani Hospital
17. Stroke workshop 2019- Hospital Temerloh
18. Stroke workshop 2019- Hospital Queen Elizabeth, KK, Sabah
19. Peer-to-peer forum Malaysia Stroke Council 2019 – Australasia Stroke Academy pre-congress
20. Program kesedaran kesihatan Masjid Taman Kosas 2018-2019
21. Program kesedaran kesihatan IMAM Masjid Negara 2019
22. Program kesedaran kesihatan Surau Ibnu Sina 2020
23. **Maldives Brain and Spine 2019 – Speaker and trainer for hyperacute stroke pathway**
24. Heart and Brain Nexus Summit January 2020 – Speaker

## **Professional Referees**

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1. Prof. Tan Hui Jan  
Consultant Physician & Neurologist and Head of Unit Neurology PPUKM  
Email : tanhuijan@gmail.com
2. Dr. Ramesh Sahathevan  
Consultant Physician and Neurologist at Ballarat Health Services  
Email : rameshsahathevan@gmail.com