

## PERSONAL DATA

**Name:** Shahizon Azura Mohamed Mukari  
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**Current Position:** Associate Professor and Consultant  
Neuroradiologist

### General

Dr Shahizon Azura Mohamed Mukari is an Associate Professor and Consultant Neuroradiologist currently working at the Department of Radiology PPUKM. She obtained her Bachelor degree from the University of Glasgow in 1995. She received her Master in Medicine (Radiology) from UKM in 2005 and underwent sub specialization training in neuroradiology in University Malaya Medical Centre in 2009. Since then, she has participated and conducted several researches mainly pertaining to tumour/infection of the central nervous system and stroke imaging.

She is deeply involved in the Conjoint Board of Radiology which oversees the direction and training of Radiology specialization in Malaysia. As a neuroradiologist, she is an active member of the Neuroradiology Special Interest Group, which is under the College of Radiology, its aim is to share knowledge with the radiology community in Malaysia by conducting courses/workshop and seminars.

As an academician, she has published articles in refereed journal articles, conferences and supervised Masters of Radiology (UKM) candidates to completion. She has also secured several local grants for her research projects.

#### A. Academic Qualifications.

Degree	University	Date
MBChB	University of Glasgow	May 1995
MMed (Radiology)	UKM	May 2005

Non graduating degree:

Clinical Fellowship in Neuroradiology from November 2008 – October 2009

University Malaya Medical Centre, under the supervision of Prof Dr Norlisah Ramli, Consultant Neuroradiologist, UMMC.

**B. Publication.**

<b>No.</b>	<b>List of publication.</b>
1.	Amelioration of dystonic opisthotonus in panthothenate kinase-associated neurodegeneration syndrome with absent “eye of the tiger” sign following bilateral pallidal deep brain stimulation. Mohd Fauzi, NA, Mohamed Ibrahim, N, <b>Mohamed Mukari, S. A.</b> , Jegan, T., Abdul Aziz, Z. (2019). <i>Movement Disorders Clinical Practice</i> . doi:10.1002/mdc3.12748
2.	Acanthamoeba encephalitis in an immunocompetent child and review of the imaging features of intracranial acanthamoebic infections in immunocompetent patients. Mohammad Hanafiah, <b>Azura Mohamed Mukari Shahizon</b> , Mohd Farhan Hamdan, Sau Wei Wong, Yoganathan Kanaheswari. 2018. <i>Neurology Asia</i> ;23(2): 179-184
3.	CT brain image clustering for differentiation of intracerebral haemorrhage; a novel algorithm. Kalaivani Chellappan, Nor Shahirah Shaik Amir, <b>Shahizon Mukari</b> , Ramesh Sahathevan. 2018. <i>European Stroke Journal</i> ; 3(15)
4.	Inflammatory Myofibroblastic Tumour of the Paranasal Sinuses. Syarifah Nafisah Al Yahya, Loo Chun Pin, Thilagam Tangavelu, Pasupati Meenakshi Thanikachalam, <b>Shahizon Azura Mohamed Mukari</b> , Salina Husain. 2016. <i>Brunei International Medical Journal</i> ; 12(6):198-201
5.	Seng Fai Tang, Wei Loon Ng, Umi Kalthum Mohd Noh, Bastion Mae-Lynn Catherine, <b>Shahizon Azura Muhamed Mukari</b> , Hazlita Mohd Isa. 2016. A rare case of traumatic arteriovenous fistula between middle meningeal artery and sphenoparietal sinus who presented with only chronic red eye and literature review. <i>Neurology Asia</i> . 21(1): 97-100
6.	Ng BK, Lim PS, <b>Shahizon AMM</b> , Ng YL, Shafiee MN, Omar MH. 2016. Dislodged levornogestrel-intrauterine system intraabdominally without uterine perforation: is it possible? <i>Journal of Surgical Academia</i> . 6(1): 51-53
7.	BS Goh, Sandie Ewe, <b>Shahizon AMM</b> . 2015. Bronchoscopic laser therapy as palliative treatment in tracheal adenoid cystic carcinoma. <i>Indian Journal of Otorhinolaryngology and Head and Neck Surgery</i> . 12(3): 23-24
8.	Azlin Ahmad, Hamidon Basri, Norlinah M Ibrahim, <b>Shahizon A Mukari</b> , Sobri Muda. 2015. Haemorrhagic transformation in acute ischaemic stroke and its implication on functional disability and mortality. <i>International Journal Of Public Health And Clinical Sciences</i> . 2(1): 13-23
9.	Shahrul Azmin, Syazarina Sharis Osman, <b>Shahizon Mukari</b> , Ramesh Sahathevan. 2015. Cerebral amyloid angiopathy: an important differential diagnosis of stroke in the elderly. <i>Malaysia Journal Of Medical Sciences</i> . 22(1): 74-78
10.	<b>Shahizon AMM</b> , Hanafiah M, Jutinih S. 2014. A case of missed gossypiboma. <i>Brunei International Medical Journal</i> . 10(2): 102-105.
11.	Teoh Jian Woei, Goh Bee See, <b>Shahizon Azura Mohamed Mukari</b> , Siti Aishah Md Ali, Nor Hafilza Mohd Salleh. 2014. An unexpected lesion in cerebellopontine angle: Hemangiopericytoma. <i>Medical Journal of Malaysia</i> . 69(3): 146-147.
12.	ZK Law, Ilyani Adam, R Sahathevan, WY Nafisah, HJ Tan, S Azmin, R Rabani, <b>AMM Shahizon</b> , SA Shah, MI Norlinah. 2014. Prevalence and predictors of asymptomatic intracranial stenosis and role of hs-crp as a surrogate biomarker amongst diabetics in a Malaysian teaching hospital. <i>International Journal of Stroke</i> . 9: 136.
13.	K Chellapan, R Sahathevan, <b>SA Mukari</b> , AA Abd Rhani, AS Muda, ZK Law, FA Hamzah, I Hossian Akra. 2014. Volumetric quantification of infarct core and penumbra for stroke patients using multimodal CT imaging. <i>International Journal of Stroke</i> . 9: 132.
14.	Reynu R, Kumar R, Kosai NR, Farizal F, Shuhaili MA, Razman J, <b>Shahizon AMM</b> . 2014. <i>Medicine &amp; Health</i> . 9(2): 155-156
15.	<b>Azura Mohamed Mukari Shahizon</b> , Faizah Mohd Zaki, Mohd Ramli Julian, Mohammad Hanafiah. 2014. Infected and ruptured retroperitoneal teratoma. <i>BMJ Case Reports</i> . doi:10.1136/bcr-2013-200862
16.	Bushra Johari, Mohammad Hanafiah, <b>Azura Mohamed Mukari Shahizon</b> , Marymol Koshy. 2014. Unilateral striatal CT and MRI changes secondary to non-ketotic hyperglycaemia. <i>BMJ</i>

	<i>Case Reports</i> . doi:10.1136/bcr-2014-204053
17.	Ramesh Sahathevan, Shahrul Azmin, Sivakumar Palaniappan Wan Yahya Nafisah, Hui JanTan, Mohamed Ibrahim Norlinah, <b>Mukari Shahizon</b> , 2014. Stroke thrombolysis at 5.5hours based on Computed Tomography Perfusion. <i>Malaysian Journal of Medical Sciences</i> . 21(2): 79-82
18.	Hilwati Hashim, Radhiana Hassan, Syazarina Sharis, Shahrul Azmin, Rabani Remli, <b>Shahizon A Mukari</b> , Nafisah Yahya, Hui Jan Tan, Norlinah M Ibrahim, Mohd Saiboon Ismail, Sobri Muda, Ramesh Sahathevan. 2013. Evaluation of time-dependent pathways in an acute ischaemic stroke protocol that incorporates CT perfusion: A tertiary referral center experience. <i>Neurology Asia</i> . 18(4): 355-360
19.	H Radhiana, SO Syazarina, <b>MM Shahizon Azura</b> , H Hilwati, MA Sobri. 2013. Non-contrast computed tomography in acute ischaemic stroke: A pictorial review. <i>Medical Journal of Malaysia</i> . 68(1): 93-100
20.	Radhiana Hassan, Syazarina Sharis Othman, <b>Shahizon Azura Mohamed Mukari</b> , Azizi Abu Bakar. 2013. Pituitary Apoplexy: A rare cause of middle cerebral artery. <i>Medical Journal of Malaysia</i> . 68(3): 264-266
21.	Mohammad Hanafiah, Azura Mohamed Mukari Shahizon, Soo Fin Low, Man Harun Shahrina. 2013. Severe thrombocytopenia due to hypersplenism treated by partial splenic embolization. <i>BMJ Case Reports</i> . doi:10.1136/bcr-2013-010163
22.	<b>Azura Mohamed Mukari Shahizon</b> , Mohammad Hanafiah, Erica Yee Hing, Mohd Ramli Julian. 2013. Migration of a fractured ventriculoperitoneal shunt into the scrotum: a rare complication. <i>BMJ Case Reports</i> . doi:10.1136/bcr-2013-200609
23.	Wan Fariza Wan Jamaludin, <b>Shahizon Azura Mohamed Mukari</b> , S Fadillah. 2013. Retroperitoneal hemorrhage associated with bone marrow trephine biopsy. <i>American Journals of Case Reports</i> . 14: 489-493
24.	<b>Shahizon Azura Mohamed Mukari</b> , Norlisah Ramli, Sharifah Aishah Al Edrus, Mazin Noordin, Kartini Rahmat, Lai-Meng Looi, Dharmendra Ganesan, Gin-Gin Gan, Chong-Tin Tan. 2011. Central nervous system intravascular lymphoma in a Malaysian. <i>Neurology Asia</i> . 16(1): 93-95
25.	Hasnur Zaman Hashim, Norlinah Mohamed Ibrahim, Nafisah Wan Yahya, Hui Jan Tan, Khairul Anuar Zainun, Siti Aishah Mohd Ali, Ahmad Sobri Muda, <b>Shahizon Azura Mohamed Mukari</b> , Izwan Zannie Zainiessor. 2011. A case of biopsy proven acute demyelinating encephalomyelitis (ADEM) with haemorrhagic leukoencephalitis. <i>Annals of the Academy of Medicine Singapore</i> . 40(4): 197-200
26.	Sharifah A Al Edrus, Shahizon A Mohamed Mukari, Dharmendra Ganesan, Norlisah Ramli. 2011. Ossified lumbar pseudomeningocele: imaging findings. <i>Spine Journal</i> . 11: 796-797
27.	Ramesh Sahathevan, HJ Tan, Suhail Abdullah, <b>Shahizon Mukari</b> , Hamidon Basri, Raymond Azman Ali. 2011. Spinal cord compression following traditional confinement massage. <i>Medical Journal of Malaysia</i> . 66(5): 495-496
28.	Revadi G, Raman R, Rahmat O, <b>Shahizon AMM</b> . 2010. Low Lying Larynx. <i>Congenital Anomalies</i> . 50(3): 193-196
29.	Nadiah Mohd Noor, Mohd Shahrir Mohamed Said, Mohd Shahdan Shahid, Roslina Abdul Manap, <b>Shahizon Azura Ahmad Mukari</b> , Shamsul Azhar Shah. 2009. Clinical and high resolution computed tomography characteristics of patients with rheumatoid arthritis lung disease. <i>International Journal of Rheumatic Diseases</i> . 12(2): 136-144
30.	AZ Amelia, AK Kamarul, <b>AMM Shahizon</b> , Z Rozman, AG Nur Azurah, PH NG, MI NorAzlin, Seri Suniza S, ZA Mahdy, Zainul Rashid MR. 2008. A case report: Stroke in pregnancy- a diagnostic dilemma. <i>Malaysian Journal of Obstetrics and Gynaecology</i> . 8(15): 78-85
31.	<b>AMM Shahizon</b> , A Suraya, Z Rozman, AA Aini, BS Gendeh. 2008. Correlation of computed tomography and nasal endoscopic findings in chronic rhinosinusitis. <i>Medical Journal of Malaysia</i> . 63(3): 211-215
32.	Norlinah MI, <b>Shahizon M</b> . 2008. Paroxysmal dyskinesia as an unusual and only presentation of subcortical white matter ischaemia: a report of two cases. <i>Medical Journal of Malaysia</i> . 63(5): 410-412
33.	Tan VES, Gendeh BS, Primuharsa Putra SHA, Megat Shiraz MAR, Zurin AAR, Azizi AB,

	<b>Shahizon MM.</b> 2007. A rare case of acute hydrocephalus following unilateral radical neck dissection. <i>Pakistan Journal of Otolaryngology</i> . 23(1): 26
34.	Fadilah SAW, Fauzi MA, <b>Shahizon AMM</b> , Rozilaili R. 2007. Massive retroperitoneal haematoma with secondary haemothorax complicating bone marrow trephine biopsy in polycythaemia vera. <i>American Journal of Haematology</i> . doi:10.1002/ajh
35.	Nur Azurah Abdul Ghani, Rohana Jaafar, Shareena Ishak, Ani Amelia Zainuddin, <b>Shahizon Azura Mohamed Mukari</b> , Zaleha Abdullah Mahdy. 2007. Mother with post-partum group B streptococcus meningitis and cerebellar abscess. <i>Journal of Obstetrics and Gynaecology Research</i> . 33(2): 195-
36.	Vincent Tan Eng Soon, Yeo Sek Wee, Lee Bang Room, <b>Shahizon Azura Mohamed Mukari</b> . 2007. Carcinoma of the parotid: parapharyngeal extension with facial nerve palsy and airway obstruction. <i>The Internet Journal of Head and Neck Surgery</i> . ispub.com/IJHNS/2/1/7837
37.	Nur Azurah AG, <b>AMM Shahizon</b> , ZA Amelia, D.Ahmad Zailani Hatta (2007). Psoas muscle metastasis from adenocarcinoma of the uterus: a case report. <i>Malaysian Journal of Obstetrics &amp; Gynaecology</i> . 8(12): 95-97

### C. Research

No	Title	Research Code	Duration	Involvement	Status
1.	Rhematoid Arthritis Associated Interstitial Lung Disease: Relationship Between Clinical And HRCT Scan Thorax Findings	FF-090-2007 Tabung Penyelidikan Fakulti Perubatan <b>RM1646</b>	2004-2006	Co researcher	Completed
2.	Evaluation of Epilepsy by MRI in HUKM	FF-212-2008	2008-2009	Principle Investigator	Completed
3.	Penentuan Jenis dan Peringkat Meningioma dan Glioma Berdasarkan Kepekatan Metanolit: Kajian Spektroskopi Resonans Magnet (MRS)	FF-035-2008	2008-2009	Co researcher	Completed
4.	Analisis Relaksometri T2 pada kawasan Hipokampus: suatu kaedah mendiagnos epilepsi	NN-020-2009	2005-2007	Co researcher	Completed
5.	Sensitivity and specificity of MDCT and MRI in Preoperative assessment of rectal cancer	FF-033-2008 Fundamental PPUKM <b>RM350</b>	2008-2010	Principle Investigator	Completed
6.	Observation of Adult Oesophageal Wall Thickening on Computer Tomography Presenting to PPUKM Radiology Department	FF-129-2011 Fundamental PPUKM <b>RM120</b>	2011-2013	Principle Investigator	Completed
7.	Intracranial Cerebral Artherosclerosis (ICAS) In Ischaemic Stroke Patients: MRA Findings	FF-262-2008 Fundamental PPUKM <b>RM350</b>	2008-2009	Principle Investigator	Completed
8.	Haemorrhagic Transformation In Acute Ischaemic Stroke: Predictors And Impact In Functional Disability and Mortality	FF-162-2008	2008-2009	Co researcher	Completed

9.	Prevalence and Predictors of Intracranial Stenosis in Ischaemic Stroke Patients	FF-163-2008	2008-2009	Co researcher	Completed
10.	The Effectiveness of MR T2 Relaxometry in Diagnosing Ring Enhancing Brain Lesions	FF-369-2010 Fundamental PPUKM <b>RM420</b>	2010-2012	Principle Investigator	Completed
11.	Development of Locally-Designed Hinged External Fixator: A Biomechanical Analysis and Compatibility Study	UKM-FF-03-FRGS0004-2006 FRGS <b>RM 40000</b>	2007-2009	Co researcher	Completed
12.	Comparison of Diagnostic Accuracy between Skull X-Ray and CT Brain in detecting skull fracture	FF-161-2011	1/3/11 – 31/7/11	Co researcher	Completed
13.	Prevalence of Portal and Hepatic Venous variation using 3D reconstruction MDCT in PPUKM	FF-346-2011 Fundamental PPUKM <b>RM450</b>	2011-2013	Principle Investigator	Completed
14	Detailed histological study of the gallbladder, blood lipid profile and blood antioxidant levels in cases of gallbladder stone and its related the chemical composition of stones	UKM-GUP-2011-331 <b>RM 30000</b>	2011-2012	Co researcher	Completed
15.	Prevalence and factors associated with intracranial artery stenosis in asymptomatic type 2 diabetic patients in UKMMC	FF-261-2012 UKMMC fundamental research fund <b>RM 12100</b>	2012-2013	Co researcher	Completed
16.	Ring Enhancing Lesion detected on CT: Distinguishing neoplastic and non neoplastic lesion using pattern based classification	FF-096-2012	2012-2015	Principle Investigator	Completed
17.	Eccentric Target Sign in cerebral toxoplasmosis: the use of 3D MPRAGE for lesion characterisation	FF-110-2012	2012-2015	Principle Investigator	Completed
18.	Acute head trauma: the added value of CT multiplanar reconstruction in diagnosis	FF-081-2012	2012-2012	Principle Investigator	Completed
19.	Performance of emergency medicine residents in UKMMC in chest radiograph interpretation	FF-028-2013 UKMMC fundamental research fund <b>RM 1370</b>	2012-2013	Co researcher	Completed
20.	Radiological infarction evolution in relation to acute and 3 months functional outcome of patients with acute ischaemic stroke eligible for thrombolysis	FF-020-2012	2012-2013	Co researcher	Completed
21.	Differentiation Between Single Brain Metastasis And Glioblastoma Multiforme: How Conventional MRI Can Aid In The Diagnosis	FF-2014-006	2013-2015	Principle Investigator	Completed
22.	A Randomised Controlled Trial Of Haemorrhagic Stroke Patients Comparing External Ventricular Drainage (EVD) Plus Neuroendoscopy (NE) Versus External Ventricular Drainage (EVD) Plus Intraventricular Urokinase	FF-2013-201 Fundamental UKM  <b>RM10000</b>	2013-2015	Co researcher	Completed

23.	A Randomised Controlled Trial Of Haemorrhagic Stroke Patients Comparing External Ventricular Drainage (EVD) Plus Neuroendoscopy (NE) Versus External Ventricular Drainage (EVD) Plus Intraventricular Urokinase	GGPM-2013-045 Geran Penyelidik Muda <b>RM50000</b>	2013-2015	Co researcher	Completed
24.	Probabilistic Computer Aided Diagnostic System For Stroke Patients Using Multimodal Imaging	01-01-02-SF1111 Science Fund, MOSTI <b>RM 137500</b>	2014-2017	Co researcher	Completed
c	Computer Aided Segmentation of the Liver for Risk Assessment of Resection due to Cancer	GUP-2014-066 Geran Universiti Penyelidikan <b>RM50000</b>	2014-2016	Co researcher	Completed
26.	CT scan study of sphenoid sinus anatomical variant and its importance in Transphenoidal Surgery	FF-2019-055	2019-2022	Principle Investigator	On going
27.	The effectiveness of stroke window in detecting early acute ischaemic stroke	FF-2018-176	04/2018-08/2018	Principle Investigator	Completed
28.	Diagnostic accuracy of conventional MRI sequence for cerebral venous sinus thrombosis	FF-2019-143	2019-2021	Principle Investigator	On going
29.	Morphological analysis of subaxial cervical pedicle in a Malaysia Population by using computed tomography scan	FF-2017-333	2017-2019	Principle Investigator	On going
30.	Identification of Putative Protein Profiles Associated with Tamoxifen Therapy Effectiveness in Residual Non – Functioning Pituitary Nonendocrine Tumour	FF2019-131 FRGS <b>RM177000</b>	2019-2021	Co-researcher	On going

#### D. Academic and Professional association

1.	Member of Conjoint Board of Radiology (Malaysia)	2005 - present
2.	Member of Neuroradiology Special Interest Group	2010 - present
3.	Member of College of Radiology	2010 - present
4.	National Specialist Registry	2009 - present
5.	Academy of Medicine	2005 - present

#### Referees

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