



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



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التوثيق الإلكتروني والميكرو فيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكرو فيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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Pediatric Stroke: Clinico-radiological Correlation

Thesis

*Submitted in Partial Fulfillment of the
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

لَسْبَدَانِكَ لَا نَعْلَمُ لَنَا
إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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List of Contents

Title	Page No.
List of Abbreviations.....	i
List of Tables.....	iv
List of Figures	v
Introduction	1
Aim of the Work	4
Review of Literature	
▪ Anatomy of the Brain	5
▪ Distribution of Vascular Pathology	32
▪ Clinical Presentation.....	45
▪ Neuro-Imaging.....	50
Patients and Methods.....	72
Results.....	83
Illustrative Cases.....	100
Discussion	115
Recommendations	122
Conclusion	123
References	124
Arabic Summary	

List of Abbreviations

Abb.	Full term
<i>2D/3D</i>	<i>2 Dimensional / 3 Dimensional</i>
<i>ACA</i>	<i>Anterior Cerebral Artery</i>
<i>AChA</i>	<i>Anterior Choroidal Artery</i>
<i>ACoMA</i>	<i>Anterior Communicating Artery</i>
<i>ACSAC</i>	<i>Australian Childhood Stroke Advisory Committee</i>
<i>ADC</i>	<i>Apparent diffusion coefficient</i>
<i>AICA</i>	<i>Anterior Inferior Cerebellar Artery</i>
<i>AIS</i>	<i>Arterial Ischemic Stroke</i>
<i>Ca²⁺</i>	<i>Calcium</i>
<i>CBF</i>	<i>Cerebral Blood Flow</i>
<i>CCA</i>	<i>Common Carotid Artery</i>
<i>CE</i>	<i>Contrast Enhanced</i>
<i>CECT</i>	<i>Contrast-enhanced CT</i>
<i>CIS</i>	<i>Clinical Information System</i>
<i>CKD</i>	<i>Chronic kidney disease</i>
<i>CM</i>	<i>Contrast media</i>
<i>CNS</i>	<i>Central Nervous System</i>
<i>CoVID-19</i>	<i>Coronavirus disease of 2019</i>
<i>cPACNS</i>	<i>Childhood Primary Angiitis of the central nervous system</i>
<i>CSF</i>	<i>Cerebrospinal fluid</i>
<i>CSVt</i>	<i>Cerebral Sino-Venous Thrombosis</i>
<i>CT</i>	<i>Computed Tomography</i>
<i>CTV</i>	<i>CT venography</i>
<i>DSA</i>	<i>Digital Subtraction Angiography</i>
<i>DVT</i>	<i>Deep venous Thrombosis</i>
<i>DWI</i>	<i>Diffusion Weighted Imaging</i>
<i>ECA</i>	<i>External Carotid Artery</i>
<i>ED</i>	<i>Emergency Department</i>
<i>EHR</i>	<i>Electronic Health Record</i>
<i>EMR</i>	<i>Electronic Medical Record</i>
<i>F</i>	<i>Focal</i>

List of Abbreviations *cont...*

Abb.	Full term
<i>Fig</i>	<i>Figure</i>
<i>FLAIR</i>	<i>Fluid-attenuated inversion recovery</i>
<i>FSE</i>	<i>Fast spin echo</i>
<i>GRE</i>	<i>Gradient recalled echo</i>
<i>h</i>	<i>Hour</i>
<i>HIS</i>	<i>Hospital Information System</i>
<i>HIV</i>	<i>Human immunodeficiency virus</i>
<i>HS</i>	<i>Haemorrhagic Stroke</i>
<i>HS</i>	<i>Highly Significant</i>
<i>HTN</i>	<i>Hypertension</i>
<i>IAtPA</i>	<i>Intra-arterial tissue plasminogen Activator</i>
<i>IBM SPSS</i>	<i>Statistical Product and Service Solutions</i>
<i>ICA</i>	<i>Internal Carotid Artery</i>
<i>ICH</i>	<i>Intracranial Haemorrhage</i>
<i>ICP</i>	<i>Intra Cranial Pressure</i>
<i>ID</i>	<i>Identity</i>
<i>IQR</i>	<i>Inter-quartile range</i>
<i>IVtPA</i>	<i>Intravenous tissue plasminogen activator</i>
<i>K+</i>	<i>Potassium</i>
<i>MCA</i>	<i>Middle Cerebral Artery</i>
<i>M1</i>	<i>Segment 1 of middle cerebral artery</i>
<i>MIP</i>	<i>Maximum Intensity Projection</i>
<i>MIS-c</i>	<i>Multisystem inflammatory syndrome in children</i>
<i>MPR</i>	<i>Multipplanar reformation</i>
<i>MR</i>	<i>Magnetic resonance</i>
<i>MRA</i>	<i>Magnetic resonance Angiography</i>
<i>MRV</i>	<i>Magnetic resonance Venography</i>
<i>MTHFR</i>	<i>Methylene tetrahydrofolate reductase</i>
<i>NF</i>	<i>Non Focal</i>
<i>NS</i>	<i>Non Significant</i>
<i>NS</i>	<i>Non Specific</i>

List of Abbreviations *cont...*

Abb.	Full term
PACNS	<i>Primary Angiitis of the central nervous system</i>
PACS	<i>Picture Archiving & Communication System</i>
PC	<i>Phase Contrast</i>
PCA.....	<i>Posterior Cerebral Artery</i>
PC-MRA	<i>Phase Contrast-Magnetic Resonance Angiography</i>
PCNSV	<i>Primary Central Nervous System Vasculitis</i>
PComA.....	<i>Posterior Communicating Artery</i>
PFO.....	<i>Patent foremen ovale</i>
PICA	<i>Posterior Inferior Cerebellar Artery</i>
PS	<i>Pediatric Stroke</i>
QMRA.....	<i>Quantitative magnetic resonance angiography</i>
RIS.....	<i>Radiology Information System</i>
S.....	<i>Significant</i>
SWI.....	<i>Susceptibility-weighted imaging</i>
SZ	<i>Seizure</i>
TOF.....	<i>Time of Flight</i>
TOF-MRA.....	<i>Time of Flight –Magnetic Resonance Angiography</i>
TSE.....	<i>Turbo spin echo</i>
TTP.....	<i>Thrombotic thrombocytopenic purpura</i>
V1.....	<i>Segment 1 of vertebral Artery</i>
V2.....	<i>Segment 2 of vertebral Artery</i>
V3.....	<i>Segment 3 of vertebral Artery</i>
V4.....	<i>Segment 4 of vertebral Artery</i>
VA.....	<i>Vertebral Artery</i>
VENC.....	<i>Velocity encoding variable</i>

List of Tables

Table No.	Title	Page No.
Table 1:	Reported risk factors for childhood stroke.....	36
Table 2:	Balancing of factors after vascular occlusion.....	42
Table 3:	Clinical presentation of stroke and stroke mimics in children.....	47
Table 4:	CT abnormalities in patients with hyper acute brain ischemia.....	52
Table 5:	MR imaging findings of brain infarction in different stages.....	56
Table 6:	Imaging findings in patients with ICH at various stages.....	59
Table 7:	(Non-)contrast-enhanced computed tomography (CT) findings in cerebral vein thrombosis.....	69
Table 8:	Overview of different contrast-enhanced and non-contrast-enhanced magnetic resonance venography (MRV) techniques with advantages and disadvantages.....	70
Table 9:	Description of personal and medical characteristics of study cases.....	86
Table 10:	Description of medical characteristics & types of neuro-imaging of study cases.....	89
Table 11:	Represent the clinical presentation and radiological types of stroke.....	91
Table 12:	Correlation between clinical presentation & radiological diagnosis of stroke.....	94
Table 13:	Correlation between clinical presentation & sequence of MRI of final diagnosis.....	96
Table 14:	Correlation between type of stroke & sequence of MRI of final diagnosis.....	96
Table 15:	Correlation between onset of clinical presentation & time delay of diagnosis.....	98

List of Figures

Fig. No.	Title	Page No.
Fig. 1:	Diagram showing the boundaries between the cerebral lobes.....	6
Fig. 2:	Diagram depicting the lateral and medial aspects of the different lobes of the brain	8
Fig. 3:	A) Diagram showing the different types of white matter tracts in the coronal view. B) MR tractography 3D image depicting fibres passing from brain stem to cerebral cortex Reference axial slice	9
Fig. 4:	Diagram showing the ventricular system in the sagittal view	12
Fig. 5:	Diagrammatic representation of brain stem and associated cranial nerves	13
Fig. 6:	A) Midline sagittal T 2 MRI to show vermis of cerebellum. B) Diagrammatic representation of the cerebellum and its connections to the brainstem.....	14
Fig. 7:	A) Mid sagittal diagram showing brain cisterns. B) The subarachnoid cisterns.	16
Fig. 8:	Drawings of the segments of the ICA are shown in relation to their relationships with the adjacent skull structures	18
Fig. 9:	The intracranial branches of the ICA.....	19
Fig. 10:	Drawing of a coronal section of the cerebral hemispheres showing one mainstem middle cerebral artery and its lenticulostriate artery branches.....	21
Fig. 11:	Drawing showing portions of the vertebral artery (VA) and their relation to the bony vertebral column divisions of the Vas	23
Fig. 12:	Large intracranial posterior circulation arteries as they appear on arteriograms.....	24
Fig. 13:	Drawing & MRA of the arterial “circle” of Willis	25

List of Figures cont...

Fig. No.	Title	Page No.
Fig. 14:	Drawing of the base of the skull with the brain removed showing the various dural sinuses	26
Fig. 15:	Drawing of a midsagittal view of the skull showing the major large veins and dural sinuses....	27
Fig. 16:	(A,B) Magnetic resonance venogram showing the superior and inferior sagittal sinuses, the lateral and sigmoid sinuses, and the jugular veins.....	28
Fig. 17:	Drawing of major superficial veins seen on lateral surface of the left cerebral hemisphere	29
Fig. 18:	Shows Drawing of the deep venous drainage system.....	30
Fig. 19:	Shows the brainstem and cerebellum and the major posterior fossa vein	31
Fig. 20:	Shows Drawings of horizontal cerebral section and sagittal brainstem section, showing most common sites of intracerebral hemorrhage.....	34
Fig. 21:	Shows Drawing that depicts the most common sites of intracranial aneurysms	35
Fig. 22:	Shows the core and penumbra of a brain infarct.	38
Fig. 23:	Shows avalanche-type effect in pontine hemorrhage.....	43
Fig. 24:	CT non-enhanced scans of ischemic infarction	52
Fig. 25:	CT scan showing a very prominent hyperdense left MCA.....	53
Fig. 26:	CT scans showing subarachnoid blood	54
Fig. 27:	MRI scans of a patient with an acute right temporal lobe hemorrhage	57
Fig. 28:	T2 (GRE) MRI scan showing a large left frontal hemorrhage with surrounding edema and mass effect.....	58
Fig. 29:	Shows a left thalamic hematoma imaged by CT and MRI.	59

List of Figures cont...

Fig. No.	Title	Page No.
Fig. 30:	Neck and intracranial CTAs	61
Fig. 31:	Shows Intracranial CTAs – maximal intensity projections (MIPS).....	61
Fig. 32:	Non-contrast CT and CTA intracerebral hemorrhage.....	62
Fig. 33:	Cardiomebolic stroke.....	64
Fig. 34:	MRA of the head and neck after gadolinium infusion	65
Fig. 35:	Intracranial MRA.	65
Fig. 36:	CT venogram obtained at the same time.).....	67
Fig. 37:	MR venography images shows non-visualization of flow signal in the right transverse and sigmoid sinuses extending to the proximal ipsilateral internal jugular vein represent venous sinus thrombosis	68
Fig. 38:	Axial CT images of a patient with acute sinus thrombosis	69
Fig. 39:	Coronal Phase Contrast (PC) MR venography (MRV) image of a patient with acute sinus thrombosis of the left transverse and sigmoid sinus.....	71
Fig. 40:	Flow chart which shows how the cases of study were collected & summarize the results of our study	85
Fig. 41:	Sex distribution among study cases	87
Fig. 42:	Risk factors of pediatric stroke in study cases	88
Fig. 43:	Shows clinical presentation of study cases (F: focal neurological signs; NF: non-focal neurological signs (generalized or non-localizing); SZ: seizure)	90
Fig. 44:	Types or classification of stroke in study cases.....	92
Fig. 45:	Correlation between clinical presentation & &type of stroke	95

List of Figures cont...

Fig. No.	Title	Page No.
Fig. 46:	Radiological staging of stroke in study cases.....	97
Fig. 47:	Correlation between onset of clinical presentation & time delay of daiagnosis	98
Fig. 48:	Proposed imaging algorithm in pediatric patients with suspected stroke.	99
Fig. 49:	Case 1.....	101
Fig. 50:	Case 2.....	103
Fig. 51:	Case 3.....	105
Fig. 52:	Case 4.....	107
Fig. 53:	Case 5.....	109
Fig. 54:	Case 6.....	111
Fig. 55:	Case 7.....	113
Fig. 56:	Chart shows the time windows for administering intravenous tissue plasminogen activator	119