

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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بعض الوثائق الأصلية تالفة





بالرسالة صفحات
لم ترد بالأصل



**MANAGEMENT OF CEREBRAL
ANEURYSMS OF THE ANTERIOR
CIRCULATION OF CIRCLE OF WILLIS
IN EGYPT**

Thesis

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Neurosurgery



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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ

لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ

أَنْتَ الْعَلِيمُ الْحَكِيمُ﴾

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LIST OF ABBREVIATIONS

ACA	Anterior cerebral artery
AVM	Arteriovenous malformations
CCA	Common carotid artery
CSF	Cerebro-spinal fluid
CT	Computed tomography
CTA	Computerized angiography
ECA	External carotid artery
ICA	Internal carotid artery
ICU	Intensive care unit
MCA	Middle cerebral artery
MRA	Magnetic resonance angiography
MRI	Magnetic resonance imaging
PCA	Posterior cerebral artery
PCOM	Anterior communicating artery
PCOM	Posterior communicating artery
PID	Post-operative ischemic deficits.
SAH	Sub-arachnoid hemorrhage
TCD	Transcranial Doppler

