# INTRODUCTION & AIM OF WORK



### **PATHOLOGY**

## **TECHNIQUE**

#### **MANIFESTATIONS**

# LOCALIZATION OF CEREBRAL ANEURYSM SITE

## ILLUSTRATIVE CASES

#### **REFERENCES**

# SUMMARY& CONCLUSION

#### ARABIC SUMMARY

The relation between subarachnoid hemorrhage localization and detection of cerebral aneurysm site by Multi-Slice CT

**Essay** 

Submitted for partial fulfillment of master degree in Radiodiagnosis

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#### List of abbreviations

ACA	Anterior cerebral artery
AchA	Anterior choroidal artery
ACoA	Anterior communicating artery
ADPKD	Autosomal dominant polycystic kidney disease
AICA	Anterior inferior cerebellar artery
AVM	Arterio-venous malformations
BSCTA	Bone subtraction computed tomographic
	angiography
cm	Centimeter
CM	Contrast medium
CPR	Curved planar reformation
CSF	Cerebro-spinal fluid
CT	Computed tomography
DSA	Digital subtraction angiography
2D,3D	Two, three dimentional
dVR	Direct volume rendering
FMD	Fibromuscular dysplasia
FOV	Field of view
GCS	Glascow coma score

IAC	Internal acoustic canal
ICA	Internal carotid artery
ICT	Intra-cranial tension
Kv	Kilovolt
LOC	Loss of consciousness
mA	Milliamper
MCA	Middle cerebral artery
MIP	Maximum intensity projection
MMBE	Matched mask bone elimination
ml	Milliliter
mm	Millimeter
MCA	Middle cerebral artery
MDCT	Multidetector computed tomography
MIP	Maximum intensity projection
MPR	Multiplanar reformation
MRA	Magnetic resonance angiography
MRI	Magnetic resonance imaging
MSCT	Multislice computed tomography
PCA	Posterior cerebral artery
PCoA	Posterior communicating artery

PICA	Posterior inferior cerebellar artery
ROI	Region of interest
SAH	Subarachnoid hemorrhage
SLE	Systemic lupus erythematosus
SSD	Shaded surface display
VA	Vertebral artery
VR	Volume rendering
WFNS	World federation of neurological surgeons