CT HEAD ANATOMY & PATHOLOGY

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NORMAL ANATOMY
NORMAL ANATOMY AND POSITIONING.
Choroid plexus

Parietal lobe

Occipital horn of the lateral ventricle.
White matter

Cortical sulci

White Matter

gyrus
Common Pathologies
ACUTE MIDDLE CEREBRAL ARTERY INFARCT.
EARLY LEFT MCA INFARCT – HEAD CAUDATE NUCLEUS.
OLD INFARCT
EXTRA DURAL HAEMATOMA.
USUALLY RUPTURE OF MIDDLE MENINGEAL ARTERY.
ACUTE SUBDURAL HAEMATOMA  SUBACUTE SUBDURAL HAEMATOMA
SUBDURAL SPACE BETWEEN THE DURA AND ARACHNOID MENINGES
SUBARACHNOID HAEMORRHAGE – SAH.
BLOOD IN THE SPACE BETWEEN THE ARACHNOID AND PIA MENINGES.
SUBARACHNOID WITH EXTENSION INTO THE SYLVIAN FISSURES AND SULCI. DILATED TEMPORAL LOBES – INCREASED ICP.
PRE AND POST CONTRAST. VASOGENIC OEDEMA + TUMOUR
MCA INFARCT RIGHT TEMPOAL LOBE. ENHANCING LESION IN CEREBELLUM.
RIGHT MCA INFARCT. PERIVENTRICULAR CHANGES. FRONTAL ATROPHY.
Any Questions?