

EXTRADURAL HAEMORRHAGE

Dura being lifted off inside of skull by pressure of haematoma

Blood collection pressing on motor cortex. Note rounded shape

Fracture at pterion and ruptured middle meningeal artery

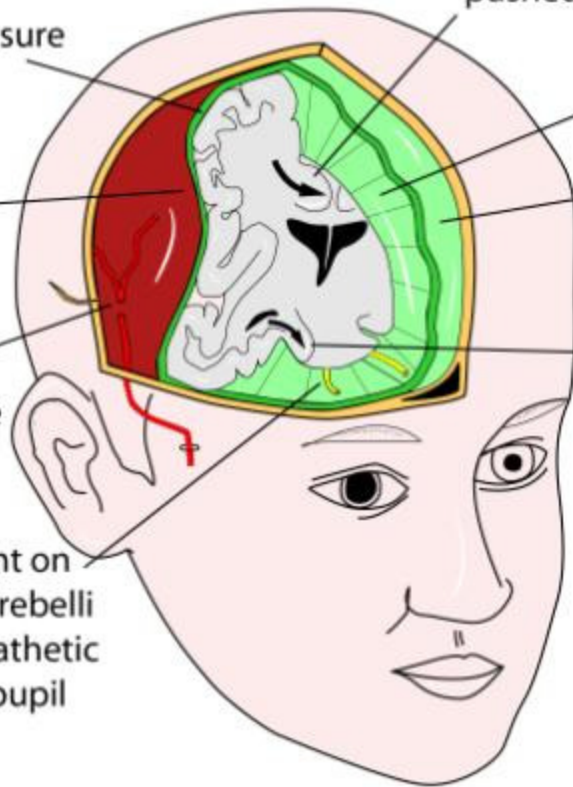
III cranial nerve caught on edge of tentorium cerebelli damaging parasympathetic and giving a dilated pupil on that side

Cingulate gyrus being pushed under falx

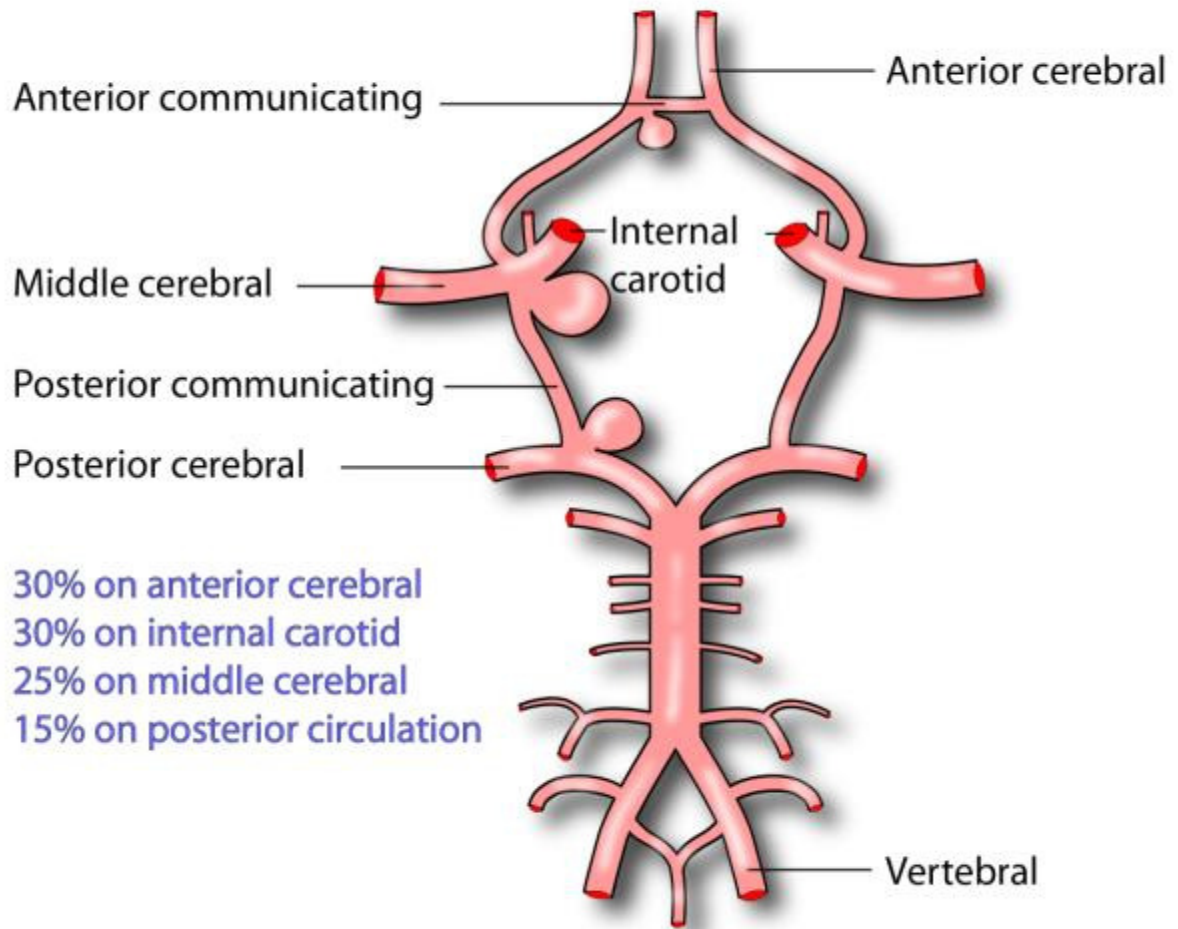
Falx

Dura

Temporal lobe prolapsing under tentorium cerebelli



TYPICAL BERRY ANEURYSMS ON CIRCLE OF WILLIS



SUBDURAL HAEMORRHAGE

Rupture of veins between brain and sagittal sinus giving haematoma beneath the dura. Shape is more diffuse and less rounded than extradural

III cranial nerve caught on edge of tentorium cerebelli damaging parasympathetic and giving a dilated pupil on that side. Displacement of the brain may lead to signs being paradoxically on the opposite side

Displacement of hemisphere to other side under falx

Falx

Dura

Temporal lobe prolapsing under tentorium cerebelli

