Acute Neurology Imaging
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CASE 1

- 59 year old male
- Smoker
- Sudden onset left sided weakness
- GCS 15
CASE 2

- 53 year old female
- Non-smoker
- Sudden onset right sided weakness
- GCS 15
CASE 3

- 80 year old male
- Arteriopath
- Visual disturbance
Causes of Nontraumatic SAH

Aneurysm
- AVM
- Mycotic Aneurysm
- Angioma
- Neoplasm
- Cortical Thrombosis
COMPLICATIONS OF SAH

- Death – 25% in 1st 24hrs, 40% in 1st month
- Rebleeding esp 1st 48hrs. 20% in 1st 2 weeks
- Hydrocephalus
- Delayed Ischaemia
- Neurological Deficits in survivors
COLLOID CYST

- < 1% of all intracranial tumours
- 3\textsuperscript{rd} - 5\textsuperscript{th} decades
- Headache often intermittent
- Acute hydrocephalus
COLLOID CYST

- Endoscopic resection/aspiration
- Craniotomy
- Persistent hydrocephalus 30%
- Venous infarction
- Memory loss
25 year old female
Increasing headaches
3 months post partum
No focal neurology
Beta amyloid deposition in medium and small arteries
Not associated with systemic amyloid
Often asymptomatic
Microbleeds often with headaches
Infarcts, major ICH

CEREBRAL AMYLOID ANGIOPATHY