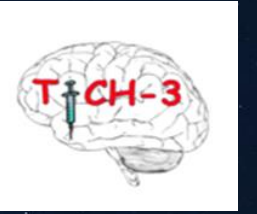




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ISRCTN97695350

A large, high-resolution image of the Earth as seen from space, showing the continents and oceans in shades of blue and green, set against a dark starry background.

**EXCLUSIONS TO THE
TICH-3 TRIAL:
CT SCAN IMAGE TRAINING
OTHER DIFFERENTIALS TO CONSIDER
WHILE ASSESSING A PATIENT FOR
ELIGIBILITY**

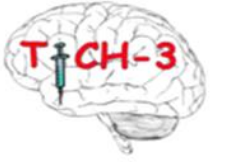
Chaamanti Menon

On behalf TICH-3 Trial Team

Final v1.0 13/09/2023



Objectives



- Due to the emergency nature of the trial, most patients are being recruited prior to the formal radiology report.
- This training is to help avoid any errors while recruiting for TICH-3
- If in doubt, please contact the Radiology consultant or Stroke consultant to review the images and provide a verbal report



- Spontaneous ICH (confirmed on brain imaging) < 4.5 h of onset

CT (or MRI) is conducted pre-recruitment in line with standard care, the haematoma volume measurement will help assess whether the participant is eligible.

Note - ICH secondary to ruptured aneurysm or vascular malformation or brain tumor or ischaemic stroke (haemorrhagic transformation of infarct, HTI) or thrombolysis or venous infarct is NOT spontaneous ICH



Isolated IVH is an exclusion



Intraventricular
hemorrhage



Pooling of the
blood bilaterally



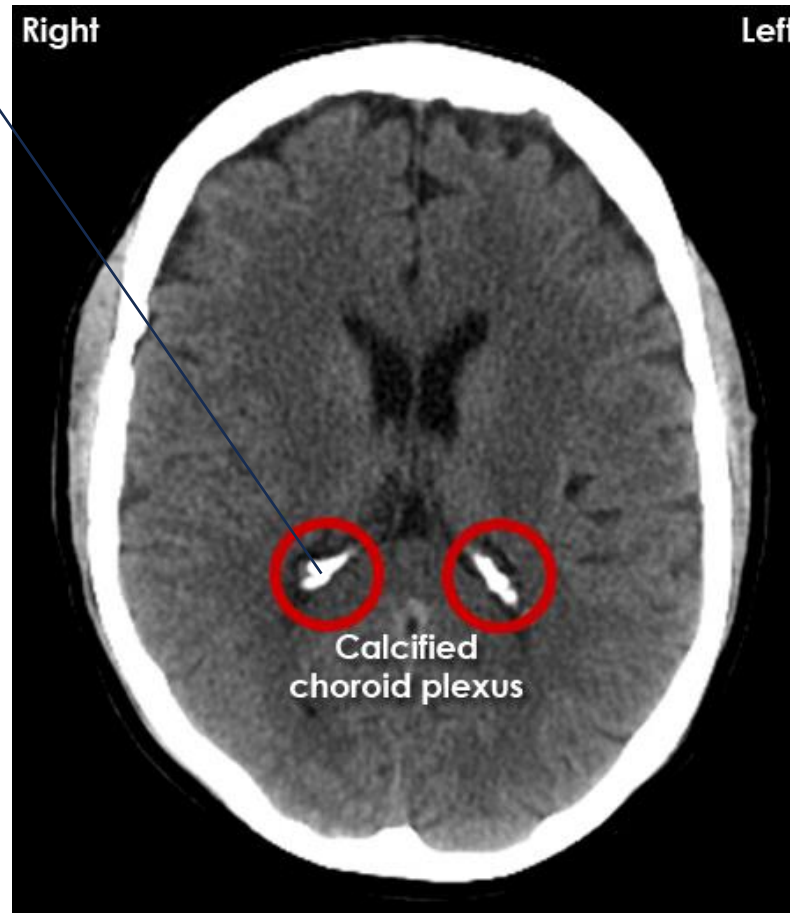


Be aware of calcified choroid plexus



Hyperdensities in the posterior horns of the lateral ventricles could be mistaken for hemorrhage.

- A. Isolated IVH is an exclusion
- B. Bilateral small hyperdensities – think about alternatives



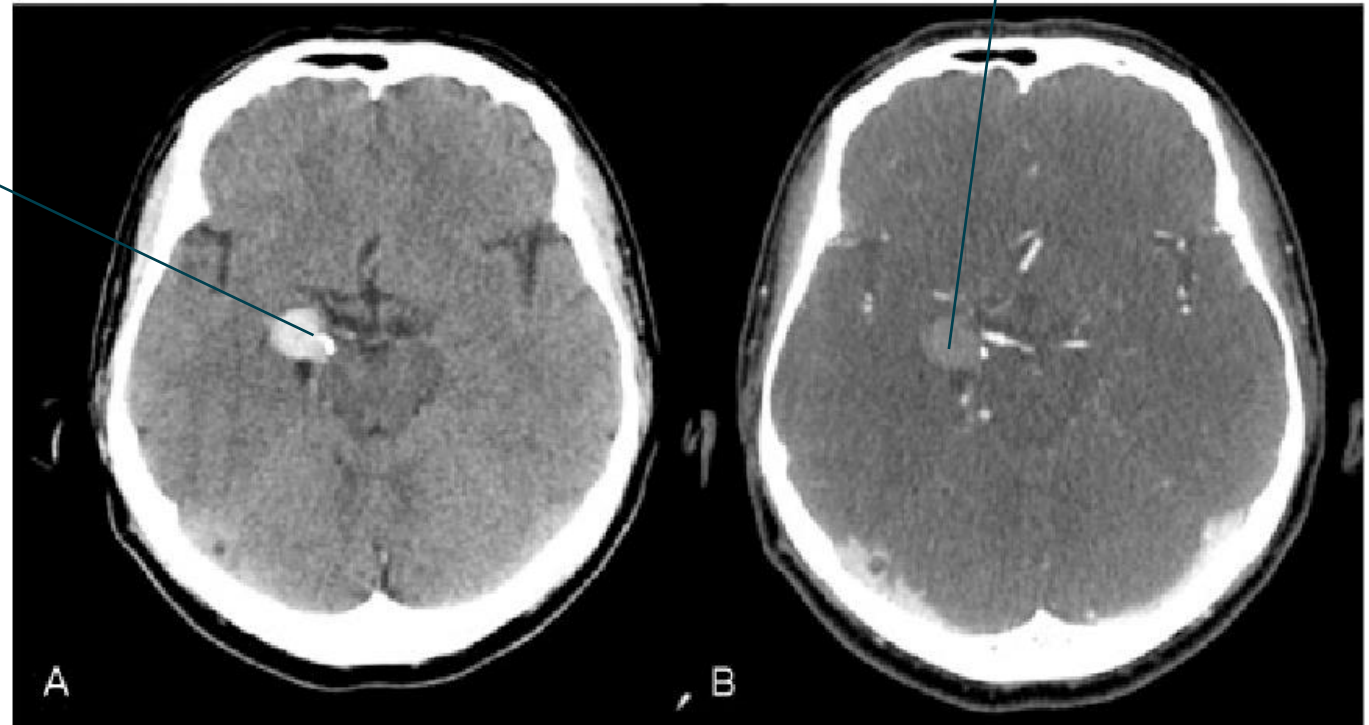


Thrombosed/ruptured aneurysm is an exclusion



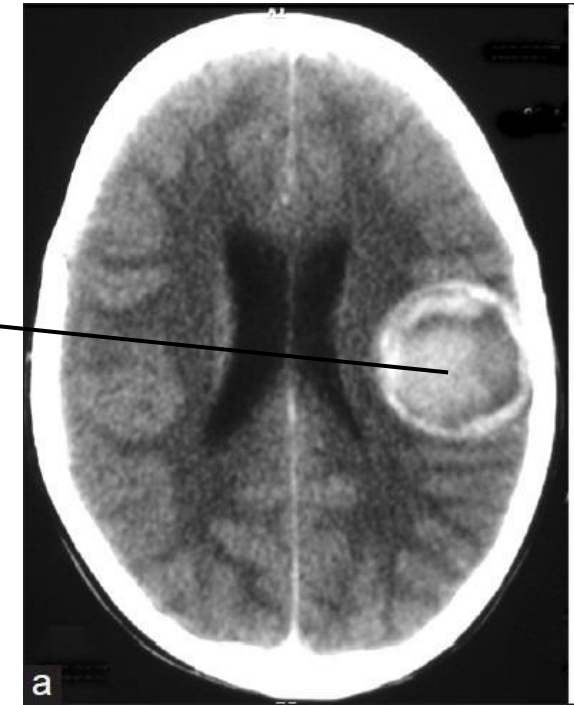
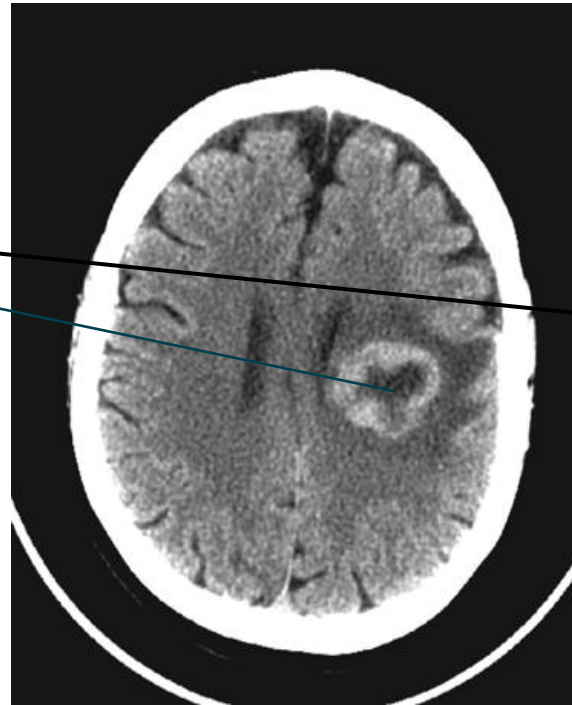
If there is a lesion around the location of the circle of willis, or there is concomitant SAH. THINK of thrombosed aneurysm or ruptured aneurysm.

CTA showing thrombosed aneurysm





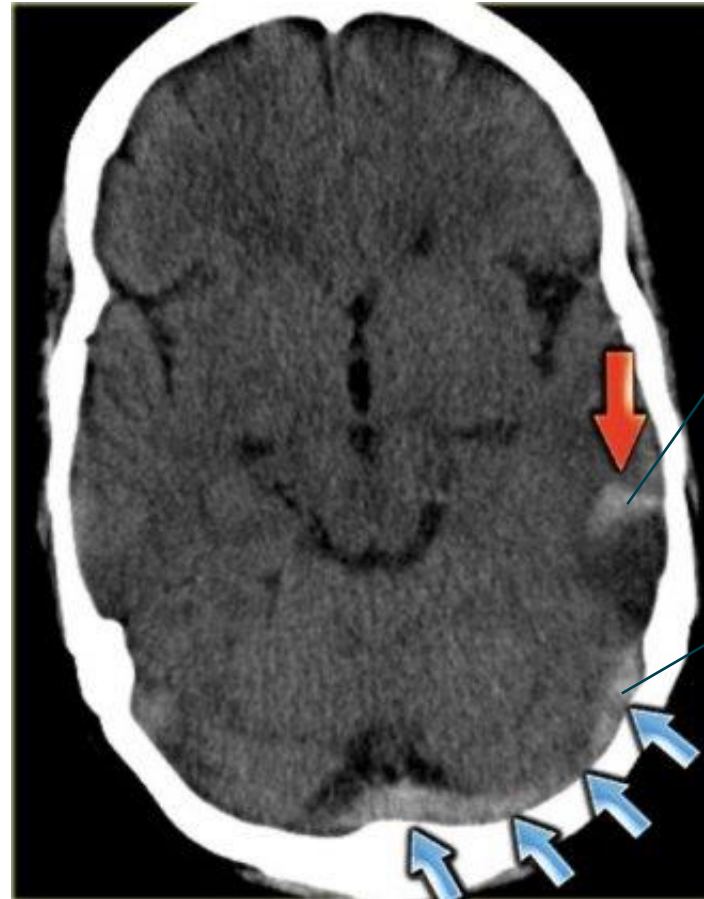
Secondary causes i.e tumors/ abscess are an exclusion



Multi-density, well-defined lesions with edema =Think about space occupying i.e tumor, abscess



Cerebral venous sinus thrombosis hemorrhage is exclusion



In patients' presenting with headaches, remember to consider CVST. Here the patient has had a CVST that has caused an infarct and hemorrhagic transformation.

Look for hyper density in the confluence and sagittal sinus