

Dual Energy Head CT case

80 something year old female

- Post op day 1 from pacemaker placement, and not following commands with reported new right sided weakness
- She was taken for thrombectomy of this proximal left M2 cutoff. EVT reported to be successful for M2 thrombus, but unsuccessful for M3 clot.

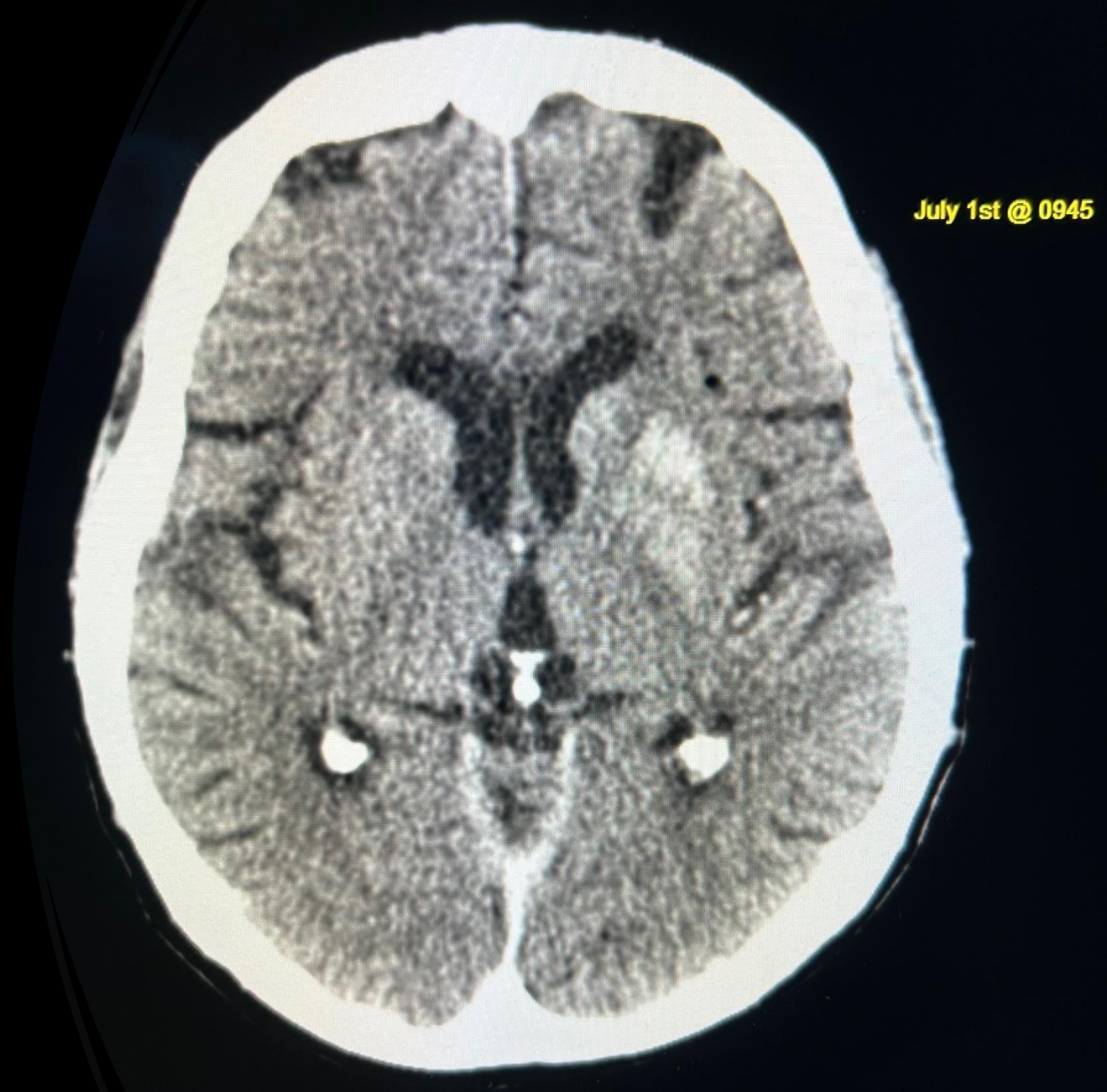


July 1st @ 0700

Went for Thrombectomy shortly after

Post procedure

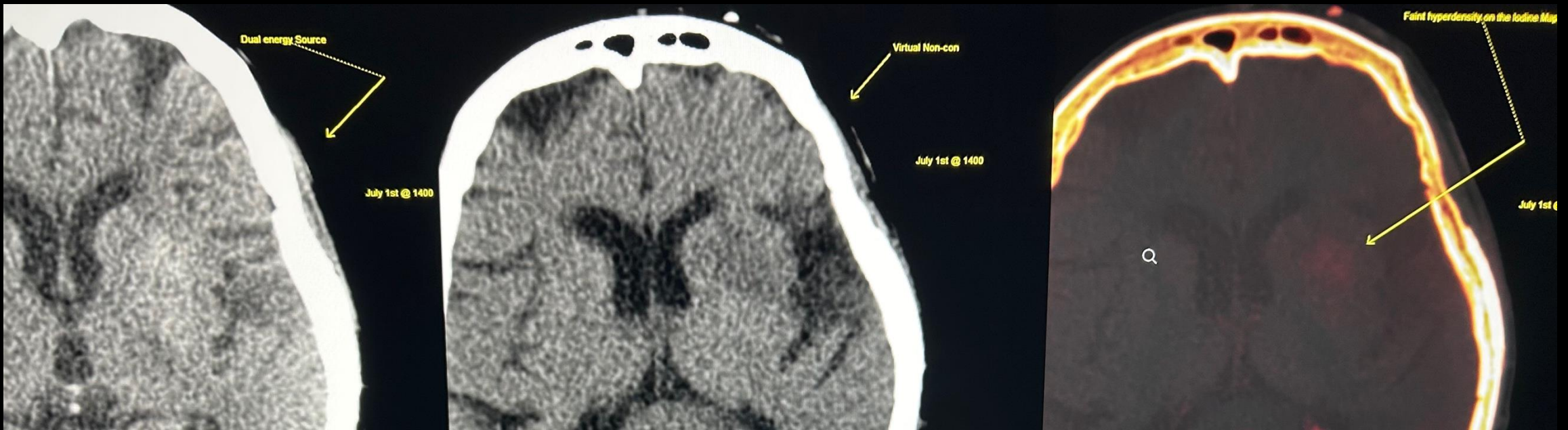
- We now have high density in the left basal ganglia region on post procedure CT.
- Is it blood or is it contrast?



July 1st @ 0945

Dual Energy

- Early afternoon, a Dual energy scan was performed. The high density had reduced on the Source image from earlier. It completely subtracted on the virtual non-contrast series and there is a faint blush of orange on the Iodine Map.
- This indicates that we are looking at contrast staining.



July 2nd

- The next day, some very faint residual left basal ganglia high density could be some residual staining, but it would be impossible to say that there isn't a little bit of interval petechial hemorrhage without SWI or a repeat Dual Energy study.

