

Brain Case 63

EXAM: CT brain without contrast

INDICATION: Headache.

FINDINGS:

There are bilateral extra-axial fluid collections, predominantly hypodense, but there is a small amount of layering more isodense material within the left subdural collection. The left-sided subdural collection measures maximally 1.2 cm in width, and the right-sided collection measures maximally 1.6 cm in width. Anteriorly on the right, there is also appears to be a septated portion of the subdural collection which contains slightly higher density fluid, perhaps reflecting more recent hemorrhage as well. Similar relatively hyperdense material is seen layering posteriorly in the dependent position on the left. These are unlikely to reflect epidural collections as both collections appear to cross the boundary of the coronal suture.

There is underlying sulcal effacement throughout both cerebral hemispheres. No significant midline shift is identified. The left suprasellar cistern appears mildly effaced which may suggest uncal shift; the perimesencephalic cistern is also mostly effaced, raising the possibility of insinuating transtentorial herniation. Gray-white differentiation appears maintained.

The orbits appear unremarkable. The paranasal sinuses and mastoids are clear.

IMPRESSION:

1. Bilateral subdural hematomas, predominantly hypodense, but with a more subacute component on the left consistent with acute on chronic blood. The right collection appears septated anteriorly. There is mild effacement of the left suprasellar cistern which may reflect a degree of uncal herniation, and the perimesencephalic cistern appears mostly effaced

