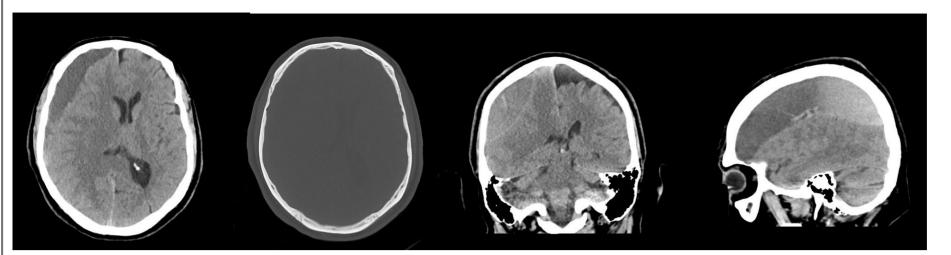
# Head and Neck: Case 2

### **Prompt**

Please give a diagnosis of these four images.



### **GPT-4V**

I'm not a medical professional, but based on the images you provided, they appear to be CT (computed tomography) scans of the head.

- The first image shows a cross-sectional view of the brain. There seems to be a darkened, asymmetrical region on one side of the brain, which could suggest a potential abnormality or pathology.
- The second image is more difficult to interpret without context, as it mostly appears as a uniform shade throughout.
- The third and fourth images appear to provide a coronal view (front to back) and a sagittal view (side to side), respectively, of the brain. Like the first image, there are some darkened regions, but without clinical context, it's hard to provide a specific diagnosis.

If these images are related to a real medical concern, it's essential to consult with a radiologist or another medical professional to obtain a proper diagnosis. They have the expertise to interpret these scans and provide medical advice.

## Reference answer

There is a mixed density holohemispheric subdural hematoma on the right. There is resultant effacement of the subjacent sulci and right lateral ventricle. There is a leftward midline shift.

# **Prompt**

What is the condition of midline position of the brain?

# GPT-4V

The images you've provided appear to be CT scans of the head. Based on the images:

- 1. There seems to be a shift of the midline structures away from the left side, suggesting some mass effect on the brain, likely due to the hyperdense (whiter) lesion seen on the left side of the images (right side of the patient).
- 2. This lesion could represent a hematoma (blood accumulation), tumor, or other mass lesion causing the midline shift
- 3. The ventricles (fluid-filled spaces in the brain) seem compressed, especially on the side of the lesion. A midline shift in the brain can be a serious condition as it might compress vital structures. It's crucial for a radiologist or a neurologist to evaluate these images in person for a definitive diagnosis and appropriate management. If this is a medical situation, please seek immediate attention from a healthcare professional.

### Reference answer

The midline is shifted leftward.