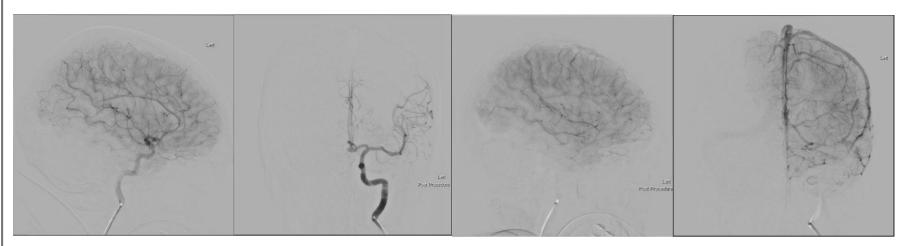
Central Nervous System: Case 7

Prompt

What is the diagnosis of these four images?



GPT-4V

The images, please consult with a medical professional or a radiologist who can provide a detailed interpretation. images provided are angiograms, which are medical images that visualize blood vessels using contrast agents. These specific images seem to depict cerebral vessels in the brain, likely obtained during a cerebral angiography. The objective of such imaging is usually to investigate vascular conditions in the brain such as aneurysms, stenoses, or vascular malformations.

From the images, it's evident that there are vascular structures with some differences between the "pre-procedure" and "post-procedure" images, but without specific clinical context, it's hard to interpret the exact nature of the findings or the procedures performed. If you have concerns or questions about these

Prompt

Please give a report of these four images.

GPT-4V

Certainly, please note that I am not a medical professional, but based on my training data, I can provide a general interpretation of the angiographic images you've presented: Image 1:

- View: Lateral view of the left cerebral hemisphere.
- Observation: The image displays a detailed view of the left cerebral vasculature. There appears to be a dense vascular network with an area of increased complexity which might indicate a vascular malformation, but this needs to be confirmed with a radiologist.

Image 2:

- View: Anteroposterior (AP) view of the left cerebral hemisphere.
- Observation: This view gives an overview of the vasculature branching out in the brain. There's a distinct main vessel, possibly the left middle cerebral artery, branching out into numerous smaller vessels. No immediate anomalies are discerned, but subtle findings may require a trained eye.

Image 3:

- View: Lateral view of the left cerebral hemisphere post-procedure.
- Observation: The vascular structure appears similar to the first image. However, this being a post-procedure image, changes in flow dynamics or interventions such as coil placements or other treatments could be of interest. No obvious coils or clips are visible, but a detailed comparison with the pre-procedure image is essential.

Image 4:

- View: Close-up lateral view of the left cerebral hemisphere post-procedure.
- Observation: This close-up view shows a dense vascular network. It's not immediately clear what changes have occurred post-procedure, but a side-by-side comparison with the first image might provide insights into any interventions or changes in vascular architecture.

It's imperative to consult with a radiologist or a neurointerventionalist for a precise and clinically relevant interpretation of these images.

Reference answer

The post-stenting DSA shows occlusion of a small anterior branch of the left ACA, the orbitofrontal artery.