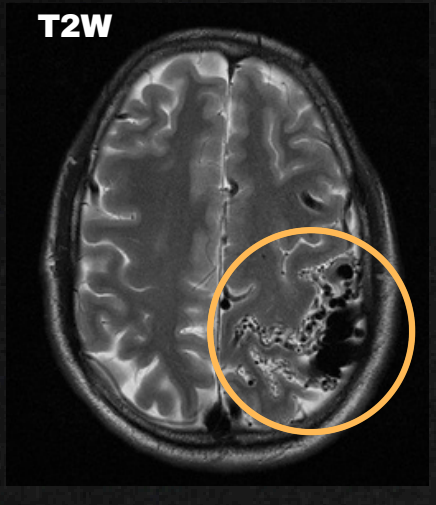
Waveform Wonders: Radiology @ Resonant Diagnostic

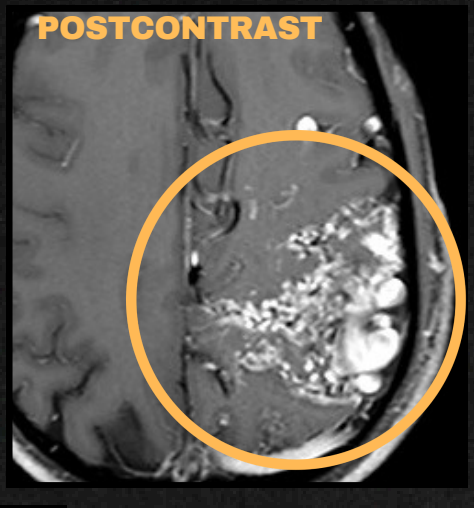
A Weekly Radiology Odyssey

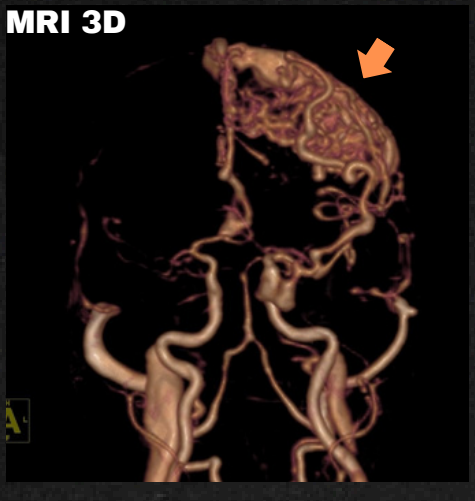
50 yrs old male patient presented with seizures and right upper limb weakness

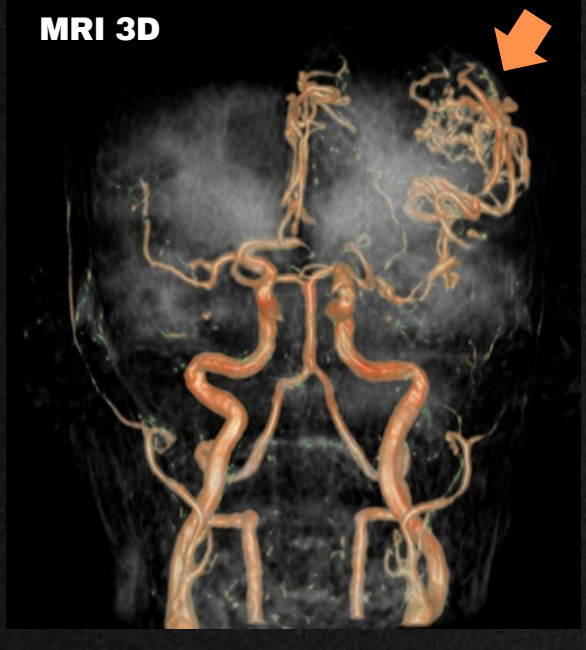
MRI BRAIN

MRI showed a large Arteriovenous malformation in left parietal lobe









- **Multiple tortuous arterial and venous channels**
- **Diffuse nidus showing early filling of venous channels**
- **Multiple scattered calcifications within the diffuse nidus**
- **Multiple arterial feeders noted arising from left MCA, PCA and left ACA**
- **Multiple dilated ectatic venous drainage channels**
- **No obvious aneurysm formation, venous stenosis or haemorrhage seen within the nidus**
- **Small focal area of gliotic changes seen in fronto-parietal periventricular and deep white matter**

Possible presentations include

- **incidental finding in asymptomatic patients: 15%**
- **seizures: 20%**
- **headaches**
- **ischemic events due to vascular steal from normal brain**
- **hemorrhage: 65%**



- microsurgical resection
- endovascular occlusion
- radiosurgery

Gujarat Diagnostic Care Plus
24/7 1.5T MRI | CT SCAN | XRAY 24/7

#3

Case courtesy : Dr Sanjay Shah