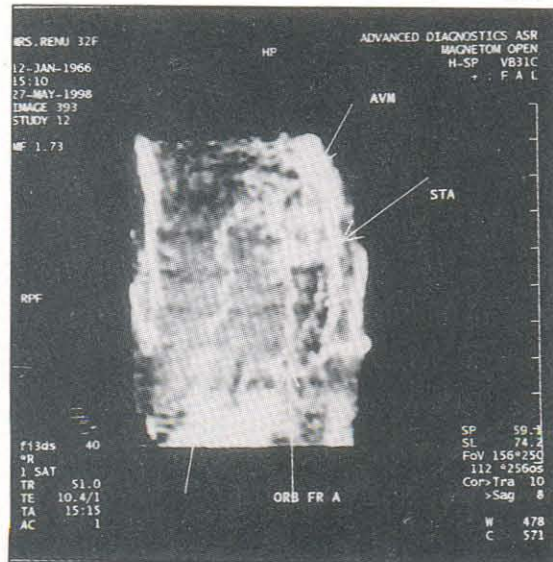


Cirroid Aneurysm of Superficial Temporal Artery Evaluation by Magnetic Resonance Angiography (MRA)

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MRA film showing dilated and tortuous superficial temporal artery (STA) which is culminating into Cirroid aneurysm-arteriovenous malformation (AVM), near the vertex. This MRA is of a 30 year old lady who presented with a scalp swelling in left frontal region for the last two years. Swelling had gradually increased in size, it was pulsatile and a bruit was elicitable. Digital compression of STA led to marked decrease in swelling size. The aneurysm was excised after ligation of the parent vessel.

MRA is non-invasive and defines the feeding arteries well but the draining veins are not delineated satisfactorily as in conventional angiography. However, because of the tremendous and rapid progressive development of both phase contrast and technique of flight images (TOF), the combination of routine spin echo MR images, partition angio images and the reconstructed MRA images, MRA may become the best alternative to the conventional contrast angiography in evaluation of the cirroid aneurysm.