

MSK Checklist

MRI Vascular Malformation

DATE: _____ **COMPARISON:** **NO** **YES → Date:** _____

NAME: _____ **HISTORY:** _____

TX **NONE** **(types/dates):** _____

TECHNIQUE: **MRA** **MRV** **Multipplanar MRI** **Contrast N/Y dose** _____

Quality: **DX** **limited** _____

FINDINGS **Marker(s):** **NO** **YES** _____

of discrete lesions and location(s): compartments _____

Vascular Malformation/MRI Details

1. Is there an arterial supply? (AVM) Y/N _____

2. Is there arteriovenous shunting? Y/N _____

3. Are the deep veins normal, stenotic, aneurysmal or absent? _____

4. MRI-axial, coronal and sagittal imaging for anatomy. How big is the malformation-size (AP, longitudinal, transverse)? _____

5. Where is the malformation? _____

6. Which muscles does it involve/infiltrate? _____

7. Is there bone involvement? Y/N _____

8. Malformation's proximity to nerves-need to measure _____

9. Morphology

Margin- ill defined OR well defined

Infiltration- circumscribed OR infiltrative

Lobulation- unilobular OR polylobular

Definition of morphology terms:

Well defined margin: sharp abrupt transition from the surrounding tissue.

Ill defined margin: irregular interface with the surrounding tissue.

Circumscribed infiltration: remains confined to its tissue and facial planes.

Infiltrative: cross tissue and facial planes.

TX Effect(s): _____

DX: **AVM** **venous malformation** **hemangioma**

IMPRESSION: Vascular Malformation