TEMPORAL ARTERY DOPPLER

Patient Name	Date Tech	_
DOB	Indication	
MRN		

Vessel		Vessel		Comment Carlo
Right Temporal Artery Color Doppler Noted Spectral Doppler Noted Halo Present Measurement if Present	YES or NO YES or NO YES or NOmm	Left Temporal Artery Color Doppler Noted Spectral Doppler Noted Halo Present Measurement if Present	YES or NO YES or NO YES or NOmm	
Right Parietal Artery Color Doppler Noted Spectral Doppler Noted Halo Present Measurement if Present	YES or NO YES or NO YES or NOmm	Left Parietal Artery Color doppler Noted Spectral Doppler Noted Halo Present Measurement if Present	YES or NO YES or NO YES or NOmm	Normal
Right Frontal Artery Color Doppler Noted Spectral Doppler Noted Halo Present Measurement if Present	YES OR NO YES OR NO YES OR NOmm	Left Frontal Artery Color Doppler Noted Spectral Doppler Noted Halo Present Measurement if Present	YES OR NO YES OR NO YES OR NOmm	
Right Axillary Artery Color Doppler Noted Doppler Velocity	YES or NOcm/s	Left Axillary Artery Color Doppler Noted Doppler Velocity	YES or NOcm/s	
Right CCA Color Doppler Noted Doppler Velocity	YES or NOcm/s	Left CCA Color doppler Noted Doppler Velocity	YES or NO cm/s	Halo

- 1. One of the most important signs of the exam is the hypoechoic halo. It is a rim of uniform, ill-defined hypoechogenicy surround a long segment of the artery.
- 2. The hypoechoic halo is best demonstrated with compression.
- 3. The hypoechoic halo measurement thickness from intimal to medic of 0.4 mm is sensitive though not specific. A hypoechoic halo thickness of 1.0 mm is highly predictive of arteritis.
- 4. An area of stenosis is another important finding. Stenosis which can be seen as area of luminal narrowing with associated color Doppler aliasing. Occlusion can also be seen. This may be difficult to distinguish from atherosclerosis.
- 5. Color Doppler should be utilized to assess for areas of aliasing (turbulent flow)
- 6. If an area of focal narrowing is noted, Image prior to the stenosis and at the stenosis using spectral waveform.
- 7. Affected vessels may be significantly tortuous. Please note this in the comment section.
- 8. Hair can cause shadowing during exam.

Comment:			

