ECHOHeart Imaging Services
100 2nd Ave S
Unit 904S
St. Petersburg FL 33701
813-820-1630

Carotid Artery Duplex Report

Patient Name:	MRN:	Date of Service:
Referring Physician:	DOB:	Height:
Interpreting Physician:	Gender:	Weight:
Sonographer:	Age:	
Indication: **FAMILY H/O Stroke**		

BSA:

CPT: **93880 - Duplex scan of extracranial arteries; complete bilateral study**
ICD10: Z82.3 - Family History of Stroke

Study Quality: **Technically adequate**

Technique

Transverse, sagittal and doppler imaging was performed with a linear transducer. Arterial evaluation includes image analysis, doppler waveform and spectral analysis and stenosis was evaluated using the NASCET criteria for stenosis.

Physician Review

Conclusion:

1. No significant atherosclerotic narrowing with normal doppler flow velocities for the right carotid arteries. No significant atherosclerotic narrowing with normal doppler flow velocities for the left carotid arteries

Findings

Right

CCA: The right common carotid artery demonstrates no significant atherosclerotic plaquing with normal flow velocities.

BULB: The right bulb demonstrates no significant atherosclerotic plaquing with normal flow velocities.

ICA: The right internal carotid artery demonstrates no significant atherosclerotic plaquing with normal flow velocities.

ECA: No significant atherosclerotic plaquing in the right external carotid artery with normal flow velocities.

VERT: The right vertebral artery demonstrates antegrade flow.

SCA: The Doppler velocities are normal in the right subclavian artery.

Left

CCA: The left common carotid artery demonstrates no significant atherosclerotic plaquing with normal flow velocities.

BULB: The left bulb demonstrates no significant atherosclerotic plaquing with normal flow velocities.

ICA: The left internal carotid artery demonstrates no significant atherosclerotic plaquing with normal flow velocities.

ECA: No significant atherosclerotic plaquing in the left external carotid artery with normal flow velocities.

VERT: The left vertebral artery demonstrates antegrade flow.

SCA: The Doppler velocities are normal in the left subclavian artery.

Right

	PSV	EDV	Stenosis	Flow	Composition
RPCCA:	**92.55 cm/s**	**27.15 cm/s**			
RMCCA:	**95.02 cm/s**	**32.09 cm/s**			
RDCCA:	**78.36 cm/s**	**25.92 cm/s**			
RPICA:	**83.3 (<=125) cm/s**	**24.68 (<=40) cm/s**			
RMICA:	**119.7 (<=125) cm/s**	**45.66 (<=40) cm/s**			
RDICA:	**120.32 (<=125) cm/s**	**43.81 (<=40) cm/s**			
RECA:	**126.49 (<=150) cm/s**	**22.83 (<=40) cm/s**			
RVERT:	**33.32 (<=50) cm/s**	**8.64 cm/s**		**antegrade**	

R-IC/CC: **1.27**

RIMT: **0.8 mm**

Left

	PSV	EDV	Stenosis	Flow	Composition
LPCCA:	**88.24 cm/s**	**17.89 cm/s**			
LMCCA:	**85.15 cm/s**	**25.92 cm/s**			
LDCCA:	**66.64 cm/s**	**22.83 cm/s**			
LPICA:	**70.96 (<=125) cm/s**	**30.23 (<=40) cm/s**			
LMICA:	**91.94 (<=125) cm/s**	**32.7 (<=40) cm/s**			
LDICA:	**84.53 (<=125) cm/s**	**37.02 (<=40) cm/s**			
LECA:	**68.49 (<=150) cm/s**	**14.19 (<=40) cm/s**			
LVERT:	**51.21 (<=50) cm/s**	**24.68 cm/s**		**antegrade**	

L-IC/CC: **1.04**

LIMT: **0.76 mm**