

Name Jones, Phil

Exam ID 97334

Exam Dat 9/8/2010

Med Rec No. 10831159

Date of Birth 4/11/1963 **Age** 47 **Sex** Male

Referred By Jackson, Hollins

Admission Inpatient

Risk Factors

Alcohol Abuse

CABG

V. S. History

Room #

Prior Exam:

Limited: No

Medications

Reason for Study

433.11 Carotid Stenosis/Occl w/CVA

Carotid Duplex Exam

	Right					Left				
	PSV	EDV	%	Grade	Plaque Desc.	PSV	EDV	%	Grade	Plaque Desc.
Prox CCA	57	12	0	0%		47	15	0	0%	
Mid CCA	87	15	0	0%		54	10	0	0%	
Distal CCA	74	12	0	0%		45	11	0	0%	
Bulb	75	15	0	0%		60	17	0	0%	
Prox ICA	69	8	0	0%		60	16	0	0%	
Mid ICA	101	21	0	0%		187	85	60	60-79%	Homogeneous
Distal ICA	110	25	0	0%		100	10	0	0%	
ECA	89			0%		100			0%	
Vertebral	Antegrade					Retrograde				
Subclavian	Normal					Abnormal				
Brachial BP	150 / 80					100 / 60				
	ICA/CCA Ratio: 1.9					ICA/CCA Ratio: 4.2				

This exam is an extracranial analysis of the carotid artery system utilizing pulsed wave doppler, color doppler and B-mode imaging. Vertebral and subclavian arteries are examined in the same manner.

Technical Limitations:

Frequent patient movement

Interpretation:

Right: No plaque formation of the right CCA.

No plaque formation of the right ICA.

Left: No plaque formation of the left CCA.

Moderate homogeneous plaque formation of the left mid ICA; Doppler findings suggests a hemodynamically significant stenosis.

Impression:

Right: The right internal carotid artery appears within normal limits by duplex imaging.

The right vertebral artery flow is antegrade.

Left: 60-79% stenosis of the left mid ICA with moderate hemodynamic significance based on pulse Doppler criteria.

ICA/CCA ratio indicates a stenosis greater than 70%.

Subclavian steal with reversed vertebral artery flow direction noted on the left side.

The left brachial pressure is significantly lower than the right.

Phil White, M.D.

9/9/2010

Performed By: **Jack Johnson, RVT**

Transcribed: 9/8/2010