PenVasc
Midlothian, Virginia
United States
Phone No.: 612 235 4386

Name **Eleventh, April** **Med Rec No.** 000006094
Exam ID Demo97500 **Date of Birth** 1/1/1965 **Age** 47 **Sex** Female **Accession** 0012012072616
Exam Dat 5/19/2019 **Referred By** White, Phil
Order ID 3667015 **Ordered By** **Admission**
Risk Factors **V. S. History** **Results**
Medications **Room #**
Reason for Study **Equip. Used** ATL

Anomalies of cerebrovascular system

Prior Exam:
Limited: No

PenVasc
Minnetonka, MN
Phone: 763.475.3388
e-mail: info@penvasc.com

Carotid Duplex Correlation

07-Apr-11

Reference Exam

Ref. Exam: **197359**
Patient Name: **Jackson, Peggy**
Medical Record No: 477482
Interp. Physician: Phil White, M.D.
Technologist: Jack Johnson, RVT
Exam Date: 5/22/2019

	% Stenosis	
	Right	Left
Prox CCA	0%	0%
Mid CCA	0%	0%
Distal CCA	0%	0%
Bulb	0%	0%
Prox ICA	0%	60-79%
Mid ICA	1-39%	60-79%
Max:	1-39%	60-79%
Distal ICA	0%	0%

Criteria Version 1

Gold Standard Findings

AngioID: **11239**
Hospital: NCBH
Reviewed By: dewe
Date: 5/7/2019
Gold Std Based On: CTA

	Right	Left
Prox CCA	0%	0%
Distal CCA	0%	0%
Bulb	0%	0%
Prox ICA	1-39%	60-79%
Mid ICA	0%	60-79%
Distal ICA	0%	0%
Max:	1-39%	

Correlation Matrix

	Duplex					
Gold Std	A	B	C	D	D+	E
A						
B		**1**				
C						
D				**1**		
D+						
E						

Correlations: Total: 2 Good: 2 100% Good

Patient History

AAA aneurysm repair

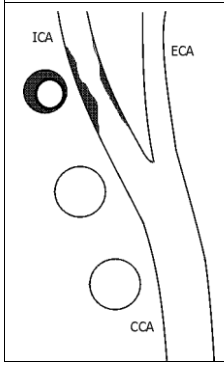
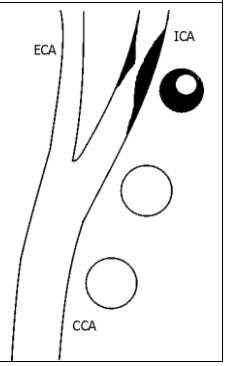
Comments

Excellent correlation

Report Prepared by PenVasc Vascular Database

Carotid Duplex Exam

Exam Data:

Right						Left				
	PSV	EDV	Grade	Plaque Desc.		PSV	EDV	Grade	Plaque Desc.	
	57	12	0%		Prox CCA	65	14	0%		
	65	14	0%		Mid CCA	96	21	0%		
	84	15	0%		Distal CCA	74	15	0%		
	84	16	0%		Bulb	68	15	0%		
	68	15	0%		Prox ICA	365	162	80-99%	Heterogeneous	
	187	54	60-79%	Heterogeneous	Mid ICA	121	10	0%		
	121	32	0%		Distal ICA	74	21	0%		
	78				ECA	98				
	ICA/CCA Ratio		Antegrade		Vertebral	Antegrade			ICA/CCA Ratio	
	2.9		Abnormal		Subclavian	Normal			3.8	
			104		Brachial BP	154				

Technologist Findings:

Right: No plaque formation of the right CCA.
Severe plaque formation of the right distal ICA which results in a hemodynamically significant stenosis.

Left: No plaque formation of the left CCA.
Severe heterogeneous plaque formation of the left proximal ICA which results in a hemodynamically significant stenosis.

Physician Impression:

Right: 60-79% stenosis of the right mid ICA with moderate hemodynamic significance based on pulse Doppler criteria.
The right vertebral artery flow is antegrade.
The right brachial pressure is significantly lower than the left.

Left: 80-99% stenosis of the left proximal ICA with severe hemodynamic significance, based on pulse Doppler criteria.
ICA/CCA ratio indicates a stenosis greater than 70%.
The left vertebral artery flow is antegrade.

Phil White MD RPVI

Phil White, MD RPVI ***5/22/2019***
Vascular Surgery ***10:25 AM***
Confidential

Performed By: ***Jack Johnson, RVT***
Transcribed: *5/19/2019*

Report Prepared by the PenVasc VIS

Carotid_Sketch