



Structured
Ultrasound
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New York Doctor's Medical Center

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Carotid

Signed Final 10/31/2012 14:01

Patient Info

ID #: 132435

Name: Jane Patient

D.O.B.: 04/02/58 (54 yrs)

Date: 10/31/2012 11:36

Performed By

Performed By: **Mark Serle RDMS**
Attending: **Joseph Anderson, MD**
Exam Location: **Vascular Dept.**

Referred By: **ELLEN G SMITH**

Service(s) Provided

US Carotid Duplex Bilateral

Indications

Dizziness
Carotid Bruit (Bilateral)

History

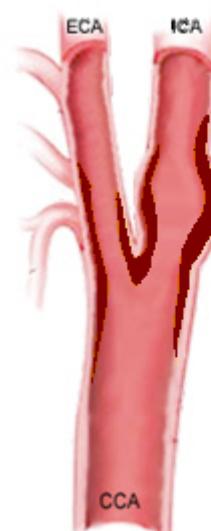
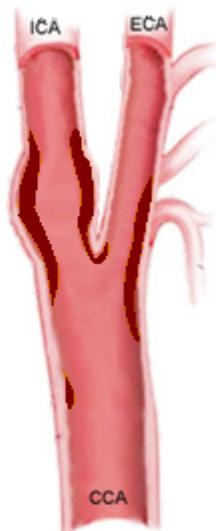
Prior sonogram from 7-1-2011, Hypertension, Diabetes, Coronary Artery Disease, Myocardial Infarction

Carotid Duplex

	<u>Right</u>	<u>PSV cm/s</u>	<u>EDV cm/s</u>	<u>Ratio</u>	<u>Grade%</u>	<u>Plaque</u>		<u>Left</u>	<u>PSV cm/s</u>	<u>EDV cm/s</u>	<u>Ratio</u>	<u>Grade%</u>	<u>Plaque</u>
CCA Prox:	52.6	7.7						105.0	14.0				
CCA Mid:	68.6	10.7				Calcific		77.3	9.6				Calcific
CCA Distal:	96.3	14.0						76.0	15.0				
Bulb:	78.7	9.7						110.0	17.2				
ICA Prox:	187.0	62.3						94.7	19.2				
ICA Mid:	104.0	18.3						83.4	14.0				
ICA Distal:	84.0	15.7				Calcific		108.0	15.9				Calcific
ECA:	82.8					Calcific		86.0					Calcific

	<u>Right</u>	<u>PSV cm/s</u>	<u>mmHg</u>	<u>Waveform</u>		<u>Left</u>	<u>PSV cm/s</u>	<u>mmHg</u>	<u>Waveform</u>
SCA Mid:	66.0			Normal Triphasic					
Vertebral:	109.0			Normal, antegrade and continuous		91.1			Reversal of flow
Brachial:		130.0					130.0		

Comment: Multifocal calcified atherosclerotic plaque in the bilateral carotid.



Impression

1. Extensive multifocal calcified atherosclerotic plaque in the bilateral carotid arterial systems of the neck, with mild progression in the plaque burden since the time of the prior sonogram.
2. These abnormalities still result in less than 50% luminal diameter reduction arterial narrowings bilaterally, and there is no evidence of any hemodynamically significant stenosis.
3. There is new reversal of flow directionality in the left vertebral artery. This can be associated with left subclavian steal syndrome, and clinical correlation is recommended.

Thank you for sharing in the care of Jane Patient with us. Please do not hesitate to contact us if you have any questions or concerns.

A handwritten signature in black ink, appearing to read "Joseph Anderson". The signature is written in a cursive, flowing style.

Joseph Anderson, MD

Electronically Signed Final Report 10/31/2012 14:01