

**SECTION OF PERIPHERAL VASCULAR DISEASES
CAROTID DUPLEX SCAN**

Name: CASTRO, CECILIA P.
Address: PANGASINAN
Date: January 07, 2019

Age/Sex: 67 / F
Study No: CDS 19-01-033/HD11-2/ZEL/DAN/MAY
Referring MD:

VASCULAR HISTORY

Smoker/Non	Obese	Hypertension
Previous	Diabetes	Hyperlipidemia
Current	P.V.D	Cardiac
Blood Pressure	Right: 140/80 mmHg	Left: 140/70 mmHg

CLINICAL PRESENTATION

Carotid Bruit	Asmptomatic	Vascular surgery
T.I.A	Prind/Rind	Stroke
Dysphasia	Hemiplegia	Amaurosis Fugax
Vertigo	Headache	Syncope
Glaucoma	Eye operation	Eye Injury

Other: _____

PLAQUE MORPHOLOGY

TYPE I Uniformly echolucent with thin echogenic cap (homogenous hypoechoic) ***High risk for plaque rupture and embolism regardless of % stenosis**

TYPE II Substantially echolucent with small areas (<50%) of echogenecity (heterogenous hypoechoic)

TYPE III Dominantly echogenic with small areas (<50%) of echoplucency (heterogenous hyperechoic)

TYPE IV Uniformly echogenic (heterogenous hypoechoic)

TYPE V Calcified

IMPRESSION:

1. Less than 50% bilateral Internal Carotid Artery stenoses with Type V Plaque Morphology right and Type III Plaque Morphology, left
2. Normal Antegrade Bilateral Vertebral Artery Flow



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VELOCITIES (m/sec)	D	RIGHT		D	LEFT	
		PSV	EDV		PSV	EDV
CCA		0.69/0.79/0.71	0.29/0.35/0.30		0.77/0.71/0.66	0.32/0.30/0.27
ICA		0.73/0.67/0.63	0.30/0.28/0.26		0.59/0.55/0.58	0.19/0.23/0.23
ECA		0.54/0.70			0.52/0.55	
IC/CC						
VERT 0	0.34	0.56	0.16	0.33	0.49	0.20
VERT 1	0.35	0.45	0.17	0.32	0.54	0.19
VERT 2	0.33	0.36	0.14	0.34	0.52	0.20
BULB		0.76	0.27		0.61	0.28

DUPLEX ULTRASOUND REPORT

Right CCA : Normal
Right ECA : Normal
Right ICA : Calcified Plaque on the posterior wall of the bulb
Right Vert : Antegrade Flow
Left CCA : Normal
Left ECA : Normal
Left ICA : Heterogeneous hyperechoic plaques on the posterior wall of the Proximal Internal Carotid Artery
Left Vert : Antegrade Flow

Original Signed

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Cardio-Peripheral Vascular Medicine

D.A.B./SONOGRAPHER