



Veritas Healthcare Solutions
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Carotid Duplex Examination

Patient Name: Joe Patient Date: 08/06/2015
Sonographer: Christina Marcott, RDCS Date of Birth: 08/06/1919 Age: 96
Referring Physician: Frank Doctor Gender: Male

Carotid Duplex Examination using 2-D imaging, color flow and spectral Doppler

INDICATION: Dizziness, lightheaded

FINDINGS:

Right: 2-D imaging demonstrated heterogenous plaque within the common carotid artery. Peak systolic velocity was 85 cm/sec. Heterogenous plaque was noted in the proximal internal carotid artery with a peak systolic velocity of 110 cm/sec and ICA/CCA ratio of 1.30. The external carotid artery had a peak systolic velocity of 170 cm/sec. The vertebral artery demonstrated antegrade flow.

Left: 2-D imaging demonstrated heterogenous plaque within the common carotid artery. Peak systolic velocity was 75 cm/sec. Heterogenous plaque was noted in the proximal internal carotid artery with a peak systolic velocity of 120 cm/sec and ICA/CCA ratio of 1.60. The external carotid artery had a peak systolic velocity of 90 cm/sec. The vertebral artery demonstrated antegrade flow.

IMPRESSION:

- 1) Right carotid system demonstrates <50% stenosis of the common , internal and external carotid arteries. Heterogenous plaque was noted.
- 2) Left carotid system demonstrates <50% stenosis of the common carotid internal and external carotid arteries. Heterogenous plaque was noted.
- 3) Vertebral arteries demonstrate antegrade flow.

Louis Doctor, M.D. F.A.C.C.