

Carotid Doppler Sonographer Observations

Proforma

Revised 2003 after Grant et al

NAME		
MRN		
CASE No.	Date...../...../.....	DOB...../...../.....

BIFURCATION	Normal	High	Low
TORTUOSITY	Minimal	Moderate	Good
TECHNICAL	Poor	Good	Excellent

Plaque Characteristics Echogenic Hypoechoic Mixed Calcified			
			Surface
			Smooth
			Irregular

VELOCITIES IN THE CAROTID SYSTEM

RIGHT		PSV (cm/s)	EDV (cm/s)
CCA	MID		
	DISTAL		
	BULB		
ECA	PROX		
	DISTAL		
ICA	PROX		
	MID		
	DISTAL		
ICA/CCA			
VERT			

LEFT		PSV (cm/s)	EDV (cm/s)
CCA	MID		
	DISTAL		
	BULB		
ECA	PROX		
	DISTAL		
ICA	PROX		
	MID		
	DISTAL		
ICA/CCA			
VERT			

GRADING OF INTERNAL CAROTID STENOSIS (*Edward GRANT et al. Radiology 2003, 229: 340-446*)

DIAMETER REDUCTION	<50%	50-69%	>70%	Near Occlusion	Occlusion
PSV	<125 cm/s	125-230 cm/s and visible plaque	>230 cm/s	>230 cm/s and visible markedly decreased lumen	No patent lumen and no flow on colour, spectral, or power Doppler.
EDV				>140 cm/s	
ICA/CCA			>4.0 supportive		

SONOGRAPHER
Date...../...../.....