

Carotid Ultrasound Worksheet

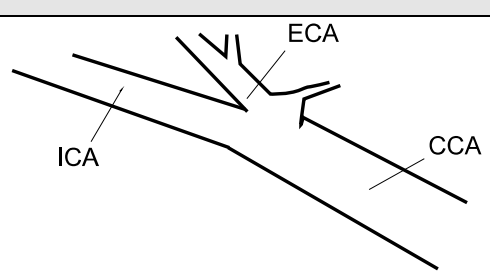
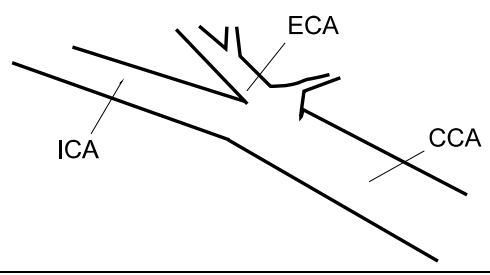
Patient Name		Date of Exam	
History			
<input type="checkbox"/> Stroke (CVA)	Right <input type="checkbox"/> Left <input type="checkbox"/>	<input type="checkbox"/> Amurosis Fugax	
<input type="checkbox"/> TIA's		<input type="checkbox"/> Pulsitile Mass	
<input type="checkbox"/> Cervical Bruit	Right <input type="checkbox"/> Left <input type="checkbox"/>	<input type="checkbox"/> S/P Endarterectomy (date)	Right <input type="checkbox"/> Left <input type="checkbox"/>
<input type="checkbox"/> Dizziness, Headache, Vertigo		<input type="checkbox"/> Follow-up	
<input type="checkbox"/> Other		<input type="checkbox"/> Syncope	
Right			
		CCA PSV	CM/SEC
		ICA PSV	CM/SEC
		ICA EDV	CM/SEC
		ICA/CCA Ratio	
		Estimated % Diameter Stenosis	
Comments			
Plaque		Vertebral Artery	
<input type="checkbox"/> Homogeneous <input type="checkbox"/> Smooth <input type="checkbox"/> Irregular		<input type="checkbox"/> Antegrade <input type="checkbox"/> Retrograde	
		External Artery	
		<input type="checkbox"/> Antegrade <input type="checkbox"/> Other	
Left			
		CCA PSV	CM/SEC
		ICA PSV	CM/SEC
		ICA EDV	CM/SEC
		ICA/CCA Ratio	
		Estimated % Diameter Stenosis	
Comments			
Plaque		Vertebral Artery	
<input type="checkbox"/> Homogeneous <input type="checkbox"/> Smooth <input type="checkbox"/> Irregular		<input type="checkbox"/> Antegrade <input type="checkbox"/> Retrograde	
		External Artery	
		<input type="checkbox"/> Antegrade <input type="checkbox"/> Other	
Sonographer			

Table 3 – Consensus Panel Gray-Scale and Doppler US Criteria for Diagnosis of ICA Stenosis

Degree of Stenosis (%)	Primary Parameters		Additional Parameters	
	ICA PSV (cm/sec)	Plaque Estimate (%)*	ICA/CCA PSV Ratio	ICA EDV (cm/sec)
Normal	< 125	None	< 2.0	< 40
<50	< 125	< 50	< 2.0	< 40
50-69	125-230	≥ 50	2.0-4.0	40-100
≥ 70 but less than near occlusion	> 230	≥ 50	> 4.0	> 100
Near occlusion	High, low, or undetectable	Visible	Variable	Variable
Total occlusion	Undetectable	Visible, no detectable lumen	Not applicable	Not applicable

* Plaque estimate (diameter reduction) with gray-scale and color Doppler US.