

CAROTID IMT (INTIMA MEDIA THICKNESS) ASSESSMENT



The IMT test has been endorsed by the American Heart Association and the American College of Cardiology as a proven technique for the early detection of heart disease.

J Am Coll Cardiol. 2010 Dec 14;56(25):e50-103

Your risk of experiencing a heart attack or stroke is graded by zone. The zone assigned is age and gender specific to you. Normal or thin Carotid IMT does not completely exclude coronary artery disease. The result of this test should be interpreted in conjunction with your medical history, symptoms, known risk factors, and other test results.



CIMT SAMPLE REPORT

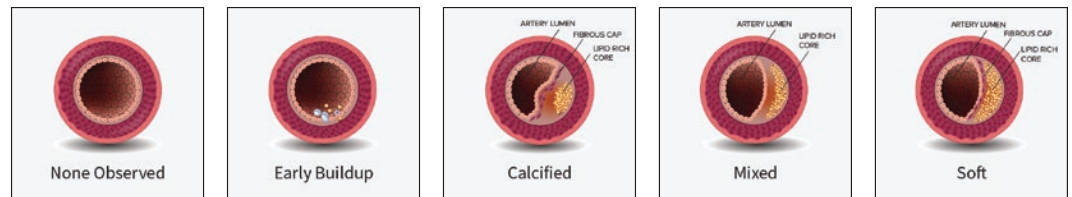
ADVANCED CAROTID ULTRASOUND SAMPLE REPORT		REPORT FOR: John Smith	PAGE 1		
		CENTER: Clinic Name	GENDER: Male		
		CREATED: 1/4/2018	DOB: 9/9/1946		
CAROTID ASSESSMENT	A	B	C	D	E
	GOOD	SATISFACTORY	CONCERN	SERIOUS	HIGHEST RISK
INTIMA-MEDIA THICKNESS					
	Normal	Mild	Moderate	Significant	Critical Significant
PLAQUE CHARACTER					
	None Observed	Early Buildup	Calcified	Mixed	Soft
PERCENT STENOSIS					
	None Observed	Nominal	Less than 30%	Between 30% to 50%	Greater than 50%
Arterial Age 75					
IMT Score Relative Risk Of Clinical Event					
<p>A Very Unlikely - No increased risk</p> <p>B Unlikely - Minimal increased risk</p> <p>C Possible - Risk increased 1.5x</p> <p>D Probably - Risk increased 1.5x - 2.0x</p> <p>E Likely - Risk increased to 2.7x</p>					

HEARTSMART IMT GRADE

A	B	C	D	E
Very Unlikely No Increased Risk	Unlikely Minimal Increased Risk	Possible Risk Increased 1.5x	Probably Risk Increased 1.5x - 2.0x	Likely Risk Increased To 2.7x

PLAQUE CHARACTER

Plaque or lesions develop when atherosclerosis in the arterial wall intrudes into the lumen. Plaque may be soft, mixed or calcified as outlined on Page 3 of the report. It is possible to have normal IMT and yet lesions may be present.



PERCENT STENOSIS

Stenosis is the amount of blockage of the artery. It occurs when plaque intrudes into the lumen. If the plaque becomes large, it can reduce the flow of blood to critical areas.

