



SonoNet
901 W 43rd Street
Kansas City, Missouri 64111

A Direct Measure of Disease

Carotid Artery Intima Medial Thickness (IMT) Measurements Using Ultrasound

Part of a Strategy to Prevent Cardiovascular Disease

For the Asymptomatic Patient a New Test better than
Calcium Scoring or Lipid Profiles

IMT is one of the Best Predictors of MI, Stroke and TIA

IMT is a new test for the early detection and management of atherosclerosis that is recognized by the American Heart Association

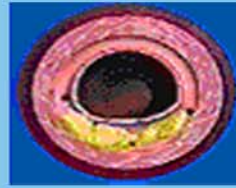
Progression
of
Atherosclerosis



INTIMAL
THICKENING



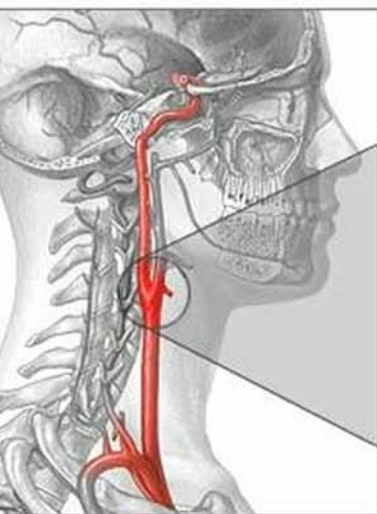
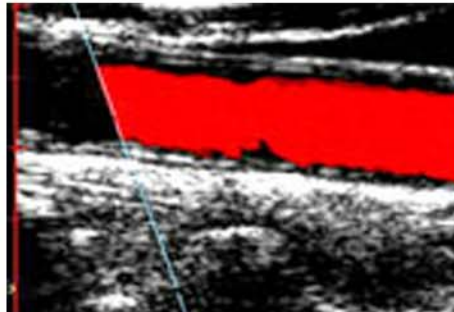
INTIMA MEDIAL
THICKENING



FATTY STREAK



PLAQUE



Atherosclerotic
plaque



A Direct Measure of Disease rather than a surrogate measure such as LDL-Cholesterol

A relatively inexpensive test using high definition ultrasound to perform a precise measure of the risk for future development of MI, TIA and stroke. Over the last 25 years numerous population and drug trials have used the carotid artery to prove the evidence that the carotid artery intima medial anatomy mirrors the diffuse atherosclerotic process and is a window on the future patient risk. It can be used to identify the disease in its various stages, to follow treatment and show reversal of atherosclerosis after therapy.

IMT has been shown to be invaluable in children-adolescents, young adults and in families with a potential of premature MI. It has also been used in adults at all ages to predict increased risk of MI, TIA, CVA comparing a persons IMT to normal people of same age, gender and ethnicity.

Today this is not covered by insurance but can be ordered in your office to measure IMT and the affect of various therapies.