

✘ **ALARMING STATISTICS**

Cardiovascular Disease is a Growing Epidemic

Assessment by Traditional Risk Factors Not Adequate!

	Coronary Heart Disease	Ischemic Stroke
United States Annual Statistics	1.2MM heart attacks 609,000 deaths #1 Killer in US	780,000 strokes 150,100 deaths #3 Killer in US #1 cause of long-term disability
The Problem	50% of all events strike in individuals with unremarkable lipid levels*	No blood test has existed to aid in assessing stroke risk – until the PLAC Test

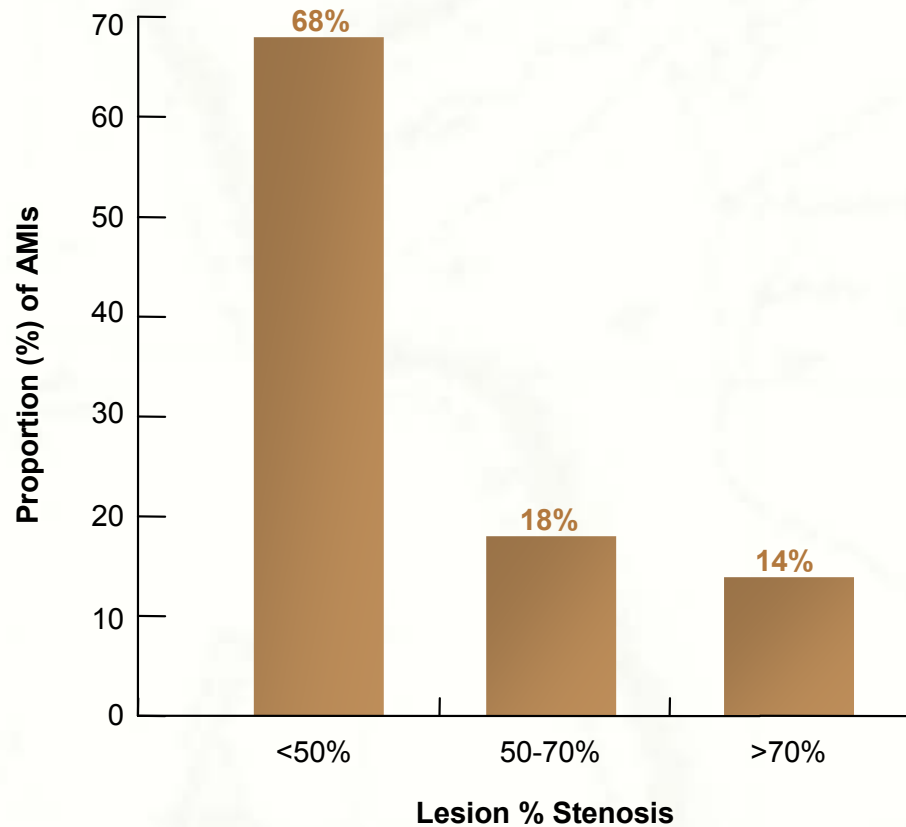
Cholesterol is **NOT** a reliable predictor of stroke.

* Ridker, PM. *American Heart Journal*. July 2004.

✕ THE PLAC[®] TEST

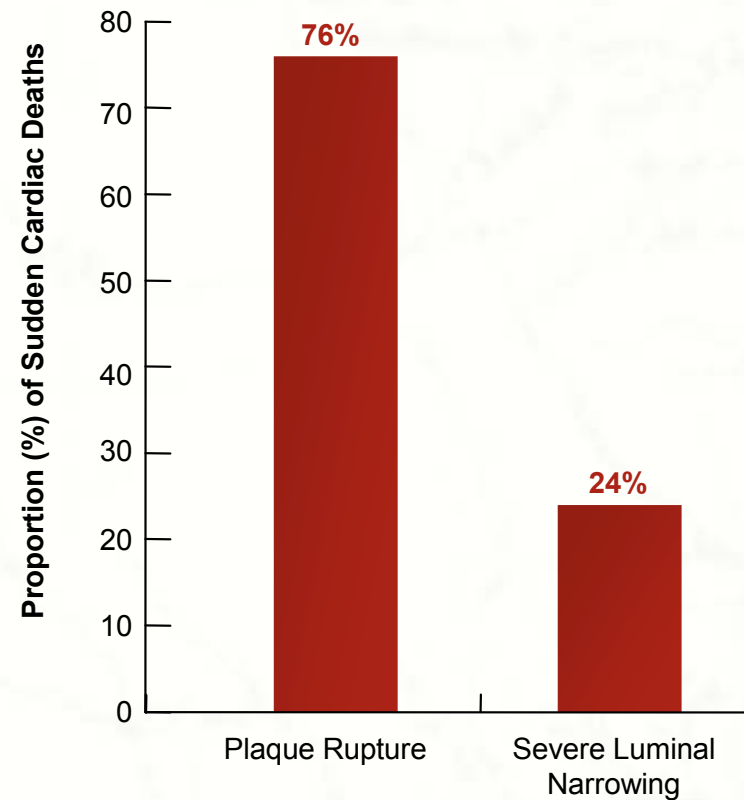
Plaque Rupture and Thrombus vs. Stenosis

Majority of Acute Myocardial Infarctions Present with Less Than 50% Stenosis



Falk E, et al. *Circulation* 1995.

Majority of Sudden Cardiac Death Related to Thin Fibrous Cap, Rupture-Prone Plaques



Kolodgie F, et al. *ATVB* 2006.