

Molecular Interventions for Cardiovascular Disease: It Isn't That Simple!

A Cautionary Tale

Causes of death, 2001:

Population:	6,122,210,000
Deaths:	56,554,000

USA

6. 1. **Infectious and parasitic diseases: 14.9 million**



1. 2. **Heart diseases: 11.1 million**



2. 3. **Cancers: 7.3 million**



3. 4. **Stroke: 5.5 million**



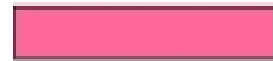
4. 5. **Respiratory diseases: 3.6 million**



5. 6. **Accidents, fires, drowning, etc.: 3.5 million**



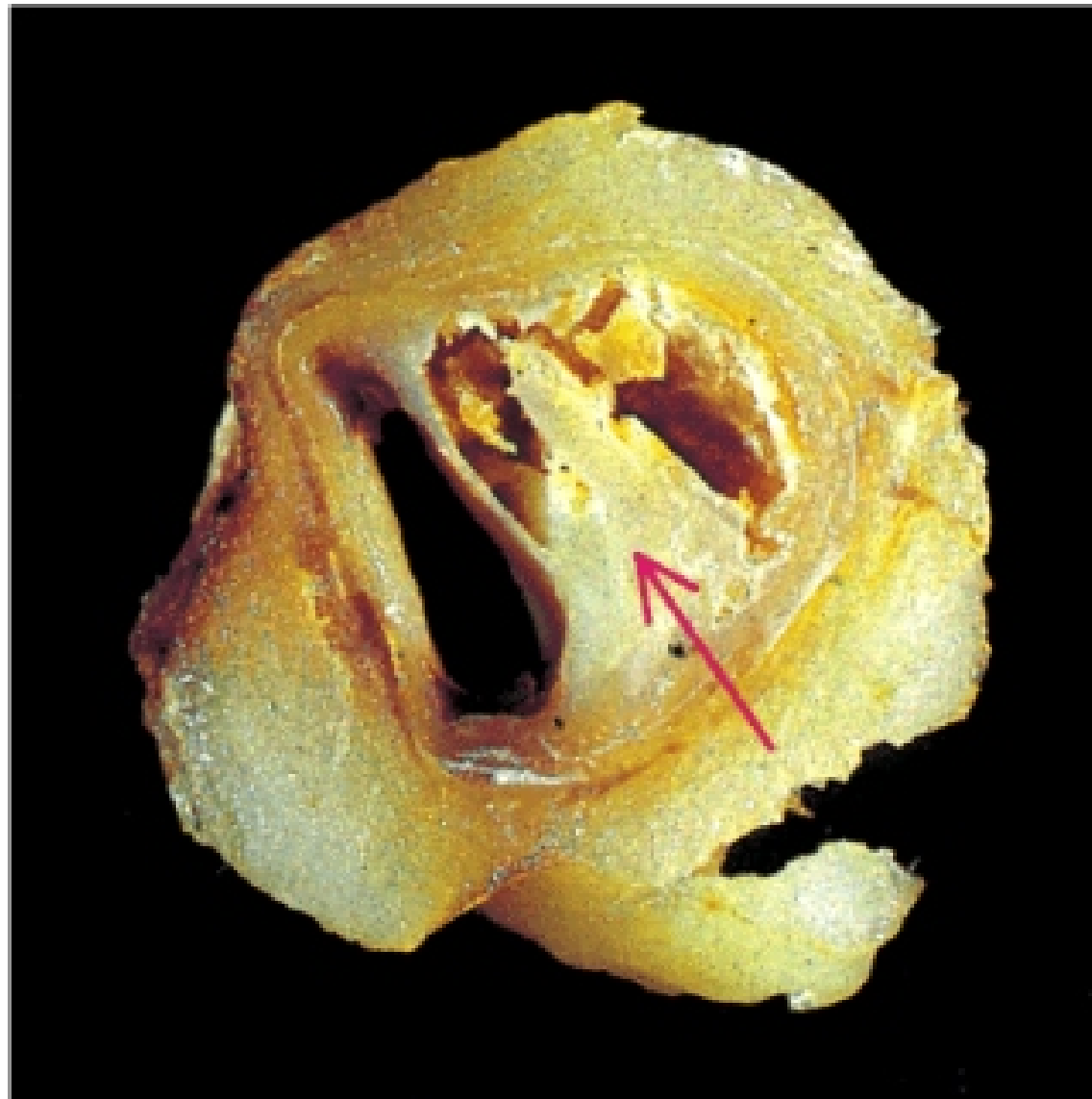
7. **Maternal and perinatal: 3.0 million**



8. **Violence (war, homicide, suicide): 1.6 million**



Atherosclerosis



5 mm

Risk increases with higher [LDL]
Risk decreases with higher [HDL]