

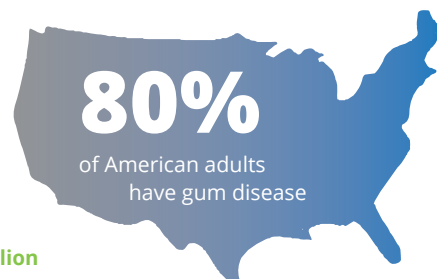
CARDIOVASCULAR DISEASE *and periodontal disease*



83.6

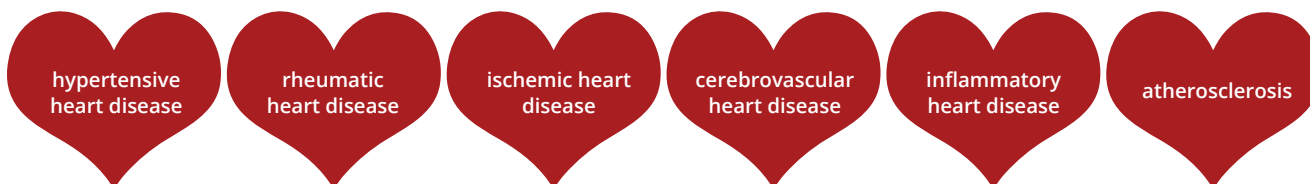
million
American
adults (>1:3)

have one or more types of CVD.



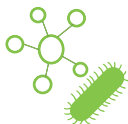
CARDIOVASCULAR DISEASE

There are 22 types of cardiovascular disease, including:



THE CONNECTION:

*how destructive PD
damages blood vessels*



Periodontal bacteria travel from the oral cavity into the blood stream, causing systemic inflammation.



The presence of dangerous oral bacteria is a **root cause** that drives systemic inflammation and damages the blood vessel lining: the first step toward heart attack and stroke.

CRPs

HbA1c

AGEs

Proinflammatory mediators are released in response to periodontal disease driving insulin resistance, which causes arterial damage and CVD.



Lp-PLA2

Periodontal disease is the only known disease to increase LpPla2 which increases plaque vulnerability and plays a direct role in CVD progression.

