# WITHOUT GOOD PERIODONTAL HEALTH, YOU CAN'T HAVE GOOD GENERAL HEALTH.

Periodontal disease (gum disease) can affect your general health... and it can be affected by your general health.

Here are a few examples:

### RESPIRATORY INFECTIONS<sup>2-5</sup>

- Inhaling bacteria from the mouth and throat can lead to pneumonia
- Dental plaque buildup creates a dangerous source of bacteria that can be inhaled into the lungs

### SEVERE OSTEOPENIA<sup>11</sup>

- Reduction in bone mass (osteopenia) is associated with gum disease and related tooth loss
- Severity has been connected to tooth loss in postmenopausal women

#### PRETERM OR LOW BIRTHWEIGHT BARIES<sup>17,18</sup>

- Women with advanced gum disease may be more likely to give birth to an underweight or preterm baby<sup>17</sup>
- Oral microbes can cross the placental barrier, exposing the fetus to infection.<sup>17</sup>



#### STROKE<sup>1</sup>

■ Those with adult periodontitis may have increased risk of stroke

#### HEART DISEASE 6-10

- Those with adult periodontitis may have increased risk of fatal heart attack ...<sup>1,6,7</sup>
- And are more likely to be diagnosed with cardiovascular disease¹
- Bacteria from the mouth may cause clotting problems in the cardiovascular system<sup>6</sup>

## UNCONTROLLED DIABETES<sup>12-16</sup>

- Chronic periodontal disease can disrupt diabetic control<sup>12-15</sup>
- Diabetes can alter the pocket environment, contributing to bacterial overgrowth¹⁴
- Smokers with diabetes increase their risk of tooth loss by 20 times<sup>13</sup>
- People with type II diabetes are 3 times as likely to develop periodontal disease than are nondiabetics<sup>13</sup>

### Do You Have Adult Periodontitis? What Are You Doing About It?

Ask your dentist for a full periodontal evaluation and about the latest developments in periodontal treatment.

For more information, visit http://www.perio.org/healthy/bodiesngums.html

#### References:

1. Bonner P. The link between periodontal disease and systemic health: a scientific update. Dent Today. July 1999:88-89. 2. Fisher M. Thoughts to chew on. Available at: http://www.drkoop.com/healthnews/...reports/acsh/july/gum\_disease.html. Accessed April 2000. 3. Scannapieco FA. Role of oral bacteria in respiratory infection. J Periodontol. 1998;3:262-275. 5. Scannapieco FA. Papandonatos GD, Dunford RG. Associations between oral conditions and respiratory disease in a national sample survey population, Ann Periodontol. 1998;3:251-256. 6. Williams P. Scientists discover first bacterial enzyme that activates blood-clotting—links gum health and heart disease in hemans. Available at: http://www.eurekalert.org./E-tr/current/public\_releases/deposit/bacterial\_enzyme.html. Accessed April 2000. 7. The American Academy of Periodontology. Ask Your Periodontal Disease and Heart Disease and He

