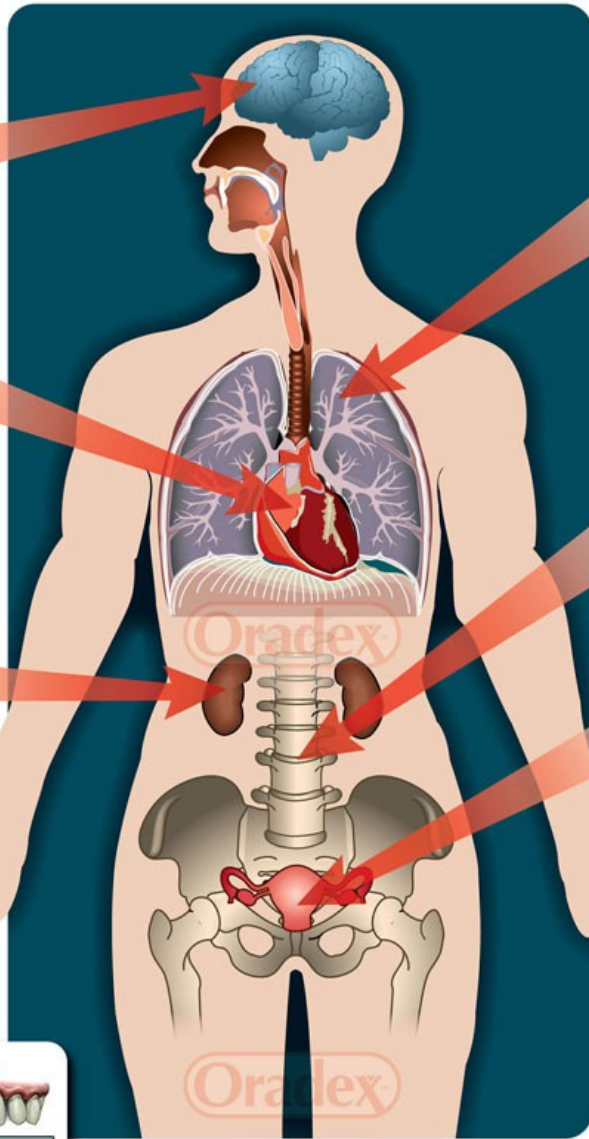




# 贫弱的口腔健康 足以影响您的整体健康



## 中风<sup>1</sup>

先已存在的牙周炎会提高中风的  
风险。<sup>1</sup>

## 心脏病<sup>6-10</sup>

先已存在的牙周炎会提高患上  
心脏病和中风的风险，和廿五  
巴仙更高的机率患上冠状动脉  
疾病。<sup>1,9,10</sup>

牙周(牙龈)疾病和动脉硬化<sup>8</sup>  
与血管壁增厚息息相关。

口腔细菌或会妨碍心脏血管系  
统的凝固过程。<sup>6</sup>

## 贫弱的糖尿病 控制<sup>12-16</sup>

产生免疫反应可削弱胰岛素功  
能，<sup>19,20,21</sup>慢性牙周(牙龈)疾病  
会妨碍糖尿病控制。

比起无牙周疾病的人士，严重  
的牙周疾病患者或会有更贫弱  
的血糖控制。

牙周疾病被形容为第六糖尿病  
并发症。<sup>22</sup>

## 呼吸道失调<sup>2-5</sup>

牙周(牙龈)疾病或会提高患  
上慢性阻塞性肺疾病的风险。

牙周细菌或会因抽取唾液或  
正常呼吸而导致呼吸道发炎。

因牙周疾病而导致发炎或许  
就是肺气道粘膜发炎的原因。

## 骨质疏松症<sup>11</sup>

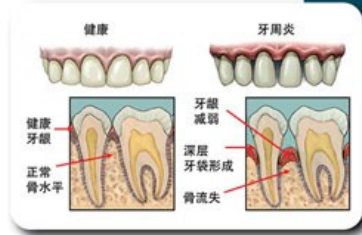
骨头矿物质浓度的降低是患  
上骨质疏松症的前兆，跟牙  
周疾病和脱牙息息相关。

## 早产/低重量 新生儿<sup>17,18</sup>

患高度牙周(牙龈)疾病的妇  
女或会生产低重量新生儿或  
早产儿。<sup>17</sup>

严重的牙周疾病或提高生产  
低重量新生儿七点至七点  
九倍的机率。<sup>18</sup>

牙周疾病妇女生产早产儿/  
低重量新生儿的机率或比吸  
烟和酗酒者来得高。



您可有牙周疾病问题？  
向您的牙医咨询一份完善的评价。

这张海报的内容纯属基本信息和教育目的，  
未能替代您私人牙医和医生的专业建议。



糖尿病患者的牙周炎



吸烟者的牙周炎



慢性牙周炎



严重牙周炎

社会研究海报提供：



欲知更多详情，请电邮：[contact@oradex.my](mailto:contact@oradex.my)

**参考：** 1. Sonner 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.dhqg.com/healthnews/\\_sporadic/ichthyol/gum\\_disease.html](http://www.dhqg.com/healthnews/_sporadic/ichthyol/gum_disease.html). Accessed April 2000. 3. Scarpignato FA. Role of oral bacteria in respiratory infection. J Periodontol. 1999;70:790-802. 4. Lindeback H. Implications of oral infections on systemic diseases in the institutionalized elderly with a special focus on pneumonia. Ann Periodontol. 1998;3:250-275. 5. Scarpignato FA. 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 humans. Available at: [http://www.aamc.edu.org/HealthCommunications/News/04/0401.htm](http://www.aamc.edu.org/HealthCommunications/News/04/040401.htm). Accessed April 2000. 7. The American Academy of Periodontology. 8. Nishi J. Infections and atherosclerosis—New clues from an old hypothesis? Am J Epidemiol. 1996;143:937-944. 9. Beck J, Garcia R, Heiss R, et al. Periodontal disease and cardiovascular disease. J Periodontol. 1996;67(suppl 10):1123-1137. 10. DeDhartel F, Andis W, Kato H, et al. Dental disease and risk of coronary heart disease and mortality. BMJ. 1993;306:688-691. 11. Mactawski-Wende J, Gross S, Trevisan M, et al. The role of osteoporosis in oral bone loss and periodontal disease. J Periodontol. 1998;67:1376-1384. 12. National Institute of Dental and Craniofacial Research. Diabetes and periodontal disease—a guide for patients. Available at: <http://www.nidcr.nih.gov/ncic/diabetes/inf.htm>. Accessed April 2000. 13. National Institute of Dental and Craniofacial Research. Oral opportunistic infections: links to systemic diseases. Available at: <http://www.nidcr.nih.gov/ncic/opi/inf.htm>. Accessed April 2000. 14. Don-Tai-Hoi. The diabetic patient and periodontal therapy. Available at: <http://lib.elsevier.com/locate/S0883696698000100>. Accessed April 2000. 15. Diabetes Forecast. Is gum disease hurting your control. Available at: <http://www.diabetes.com/news/1999/03-05.html>. Accessed April 2000. 16. Ryan MG, Remington ME, Soria T. Glucanase-mediated events in diabetes. Ann NY Acad Sci. 1998;773:311-324. 17. National Institute of Dental and Craniofacial Research. Preterm low birthweight babies. Available at: <http://www.nidcr.nih.gov/ncic/preterm/inf.htm>. Accessed April 2000. 18. Offenbacher S, Katz R, Krish G, et al. Periodontal infection as a possible risk factor for preterm low birth weight. Available at: <http://www.peds.org/journal/abstracts/October1103.html>. Accessed April 2000. 19. American Diabetes Association ([www.diabetes.org](http://www.diabetes.org)). 20. Mosley BL, Oates TW. J Periodontol. 2000;77(1):1289-1303. 21. Pichay JC, et al. Life Sci. 2000;67:291-300. 22. Lee H. Periodontal disease. Diabetes Care. 1995;18:329-334.