The oral microbiota and the link with systemic disease

BSDR Glasgow
Afternoon of 3rd September 2009

As far back as Socrates and the ancient Egyptians a link between oral health and systemic health has been suspected. Indeed, to break the chain in this link, complete extraction of all teeth was a welcome coming of age or wedding present up until early last century! Thankfully things have moved on from this; evidence continues to accumulate and hypotheses are put forward for the link between oral health and systemic disease. Yet are we any closer to defining a causal association between for example periodontal and cardiovascular diseases?

**Aim:** To review the literature and present recent findings with respect to the association between oral disease and coronary artery disease, diabetes mellitus, pregnancy complications and rheumatoid arthritis.

**Speakers:**

Dr Francesco D’Aiuto, UCL Eastman Dental Institute  
*Is oral health linked to CHD?*

Dr Edith Allen, University of Cork  
**The role of oxidative stress in periodontitis and diabetes**

Prof Nikos Donos, UCL Eastman Dental Institute  
**Association between diabetes mellitus and periodontal disease**

Dr Rob Allaker, Barts and The London School of Medicine & Dentistry  
**Possible association between the oral microflora and pregnancy complications**

Ms. Mena Soory, King's College London Dental Institute  
**Periodontal diseases and rheumatoid arthritis: Coincident mechanisms of disease progression?**

Miss Helen Peterson, Bristol University Dental School  
**Oral streptococci and cardiovascular disease**

Prof. Daniel H. Fine, UMDNJ-New Jersey Dental School  
**Review of bacteraemias and antiseptic mouthrinses in gingivitis and periodontitis**

The session will be chaired by Dr Jonathan Pratten (UCL Eastman Dental Institute) and Dr Paul Cooper (School of Dentistry, College of Medical & Dental Sciences, University of Birmingham).

The symposium will be sponsored by Johnson & Johnson Consumer Services EAME Ltd.