

The oral microbiota and the link with systemic disease

BSDR Glasgow

Afternoon of 3rd September 2009

Introduction: 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.