

Dental Multi-Interdisciplinary Symposium 2013

LECTURES



08 MARCH, FRIDAY DAY 2

3.00 - 4.00pm | Grand Ballroom, Level 4

Oral Health and Heart Disease : Inflammation, Dental Works and the Risk of Cardiovascular Disease

Lec

Dr Eric Hong, Singapore

ABSTRACT

Bacteria and other microscopic critters that live in the mouth unquestionably influence the health of teeth and gums. In people with periodontitis, chewing and toothbrushing release bacteria into the bloodstream. Several species of bacteria that cause periodontitis have been found in the atherosclerotic plaque in arteries in the heart and elsewhere. This plaque can lead to heart attack.

Oral bacteria could also harm blood vessels or cause blood clots by releasing toxins that resemble proteins found in artery walls or the bloodstream. The immune system's response to these toxins could harm vessel walls or make blood clot more easily. It is also possible that inflammation in the mouth revs up inflammation throughout the body, including in the arteries, where it can lead to heart attack and stroke.

Dr Hong will discuss questions and address concerns regarding practical aspects regarding common cardiovascular conditions such as Endocarditis and guidelines, heart attack patients and their antiplatelet anticoagulations therapies in relation to their dental work.



Dr Eric Hong
MB, BCH, BAOL, RCP & LRS, MRCP (UK),
FAMS (Cardiology, Singapore)
FACC (USA), FESC (France), FRCP (UK)
Diplomate Nuclear Board of Cardiology
CNBC (USA)
FSCAI (Cardiovascular Angiography &
Interventions, USA)

Dr Eric Hong Cho Tek is one of the very few cardiologists who is formally trained in double clinical fellowships of interventional cardiology and Multimodality non-invasive cardiac imaging (including cardiac CT angiography, PET/SPECT imaging, nuclear cardiology). He obtained his cardiology sub-specialty training in Interventional Cardiology (ACGME) and Advanced Multimodality Cardiac Imaging at the prestigious Brigham & Women's Hospital/Harvard Medical School (USA). He has been elected as Fellow of the American College of Cardiology, Fellow of the American Society of Nuclear Cardiology, Fellow of the Royal College of Physicians, Fellow of the European Society of Cardiology, Fellow of the Society for Cardiovascular Angiography & Interventions (USA) and Fellow of Asian Pacific Society of Interventional Cardiology.