Evening lecture hosted by Department of Community Dentistry

Non-invasive caries management - with special emphasis on recent research and clinical experiences with Silver Diamine Fluoride

Presented by Dr. Edward CM Lo BDS, MDS, PhD, FHKAM, FCDSHK, Professor in Dental Public Health, University of Hong Kong, Hong Kong

Tuesday May 7, 2013 6-8pm at OHSU School of Dentistry, Lecture room 220

Post lecture, you will be able discuss:

• The properties and uses of Silver Diamine Fluoride (SDF)
• Caries arrest treatment for carious lesion in dentin
• Clinical indications for SDF and the expected outcomes
• Proposed mechanisms of action and future development of SDF

Silver Diamine Fluoride has been used as an effective measure of arresting active caries in Japan and other Asian countries, Australia, and South America for a considerable period of time. While we are waiting for the necessary FDA approval for use in USA, use a great opportunity to learn from a premier researcher and clinician who has most extensively published studies on the properties and effectiveness of Silver Diamine Fluoride.

Since 2002, Dr. Edward Lo and co-workers have reported on a series of clinical studies carried out on children as well as on older adults providing evidence for the valuable addition that this silver-fluoride combination offer to our preventive and treatment options in caries management.

Caries arrest treatment for dental carious lesion into dentin is an alternative to the traditional surgical and restorative treatment approach in the management of the dental caries in indicated situations. Topical application of silver diamine fluoride has been shown to be highly effective in arresting dental caries and studies are being conducted to better understand its mechanisms of action. It is anticipated that there will be further development in the use of silver diamine fluoride in dentistry.
SELECTED RELATED READINGS

General background papers


Reviews on silver diamine fluoride


Clinical trials


Laboratory studies

