UNEP-WHO-IDM-FDI East Africa (Kenya, Tanzania, Uganda) 
Dental Amalgam Phase-down (EADAP) Project

Capacity building workshop on dental amalgam best management practices, prevention and alternative materials

Kampala, Uganda, 6-7 March 2013

The Venue: The School of Public Health Dentistry, College of health Sciences, Makerere University Kampala, Mulago Hill, Kampala

- Seminar room 001 for the lectures
- Dental Clinic for the demonstrations

Wednesday, 6th March 2013

08:00 – 08:30 Opening of the meeting and welcome of participants

08:30 – 10:00

1. Mercury life cycle, impacts, the UNEP Global Mercury Partnerships and the Minamata Convention on Mercury

Dr. Desiree Montecillo- Narvaez (UNEP); Jean-Luc Eiselé PhD (FDI)

1.1 Mercury in the environment
1.2 Global mercury supply and consumption
1.3 Global mercury assessment 2013
1.4 Impacts on human health and ecosystems
1.5 The Minamata Convention on Mercury- provisions on mercury-added products including dental amalgam
1.6 The UNEP Global Mercury Partnership
1.7 The UNEP Global Mercury Partnership and the role of FDI; Practical implications of the Minamata Convention
1.8 The FDI approach to dental care in the future – continuing education of the dental profession

10:00 – 12:00

2. BMP on dental amalgam usage and environmentally sound waste management

Shunichi Honda (Ministry of Environment, Japan); Pam Clark (IDM, Australia)

2.1 Protecting the patients, dentists, health care professionals
2.2 Set-up, chair, suction, filters
2.3 Preparation of dental amalgam
2.4 Protecting the patient during intervention, including polishing
2.5 Handling of unused amalgam
2.6 Handling of amalgam particles
2.7. Handling of the restored extracted tooth
2.8. Biosepsis measures
2.9. Use of separator, replacement of cartridge
2.10. Amalgam waste management- waste prevention and minimization, handling, separation, collection, packaging, labeling, transportation and storage, environmentally sound disposal including recycling and recovery

12:00 – 13:00 Lunch

13:00 – 15:00

**Practical Demonstration** BMP on dental amalgam usage and environmentally sound waste management

15:00 – 16:30

3. **Alternative materials for dental restoration**

   Prof Poul-Erik Petersen (WHO Switzerland), Prof Ramon Baez (USA)

   3.1. Dental caries- type, severity of lesion, complexity of dental care
   3.2. Why do we need dental restoration?
   3.3. Why do we need alternative materials?
   3.4. Available alternative restorative materials
   3.5. Clinical conditions
   3.6. ART approach
   3.7. Safety: Pros and Cons
   3.8. Technical requirements: Pros and Cons
   3.9. Costs & insurance: Pros and Cons
   3.10. Time requirements: Pros and Cons
   3.11. Durability and wear resistance and fracture resistance: Pros and Cons
   3.12. Challenges in waste management
   3.13. Information to patients
   3.15. The quality needed of new materials
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16:30 – 18:00 Clinical demonstration with patients

20:00 Group dinner at the Sheraton Hotel. Details to be announced after the meeting

Thursday, 7th March 2013

08:30 – 10:30

4. Clinical preventive dentistry

  Prof Poul-Erik Petersen (WHO Switzerland): Dr. Nanna Jürgensen, PhD (WHO CC, University of Copenhagen)

4.1. Community and family involvement in oral health – strategies and approaches
4.2. Fluoridation for public health
4.3. Oral hygiene: brushing and flossing
4.4. Effective fluoridated toothpaste
4.5. Fluoride varnish and self-application of fluoride
4.6. Self-care aids
4.7. Health education: capacity building of patients,
4.8. Diet and nutrition: dietary counseling, control of sugar-containing foods and drinks
4.9. Attendance for oral care: problem-, treatment-, preventive/check-up driven,
4.10. Continuity of care, patient regular visit
4.11. Comprehensive care or demand driven patient care
4.12. Early detection of caries lesions
4.13. Diagnosis of caries
4.14. Minimal Intervention Practice in dentistry
4.15. Fissure sealing
4.16. Remineralisation
4.17. Professional dental plaque control
4.18. Patient care : resources, treatment, and prevention, advocacy for dental care
4.19. Evidence-based preventive dentistry

10:30 – 12:30

Clinical demonstration with patients
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>12:30 – 13:30</td>
<td>Lunch</td>
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<tr>
<td>13:30 – 16:00</td>
<td>Action planning/next steps in the EADAP project</td>
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<td>16:00 – 16:30</td>
<td>Closing Remarks</td>
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<td><strong>Friday, 8&lt;sup&gt;th&lt;/sup&gt; March 2013</strong></td>
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<tr>
<td>08:30 – 13:00</td>
<td>Lecture Meeting with the Uganda Dental Association</td>
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