

# **Report on the Special Interest Working Group Tooth surface loss/Erosion**

*By Dr Vasileios Margaritis*

## **1. Title of Special Interest Working Group:**

Tooth surface loss/Erosion

## **2. Chair of SIWG:**

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## **3. Date and location of Meeting of SIWG:**

29 September 2016, Budapest, Hungary

## **4. Number, name and country of participants (please indicate in brackets how many meetings of SIWG the participants attended in the past):**

- A small but very active group of 6 participants from Ireland, Finland, Norway, Romania, Hungary, and Greece.
- Almost half of them have attended at least two previous meetings and all demonstrated a remarkable expertise on the topics discussed in this Group.
- Almost all the participants agreed to work together to achieve the goals of this Group by the next meeting.

## **5. Program (i.e. topic of lectures, small working groups etc.):**

The agenda of this meeting included the following topics:

- Continuing education and introduction on current issues on tooth wear/erosion: brief discussion and review of the recent literature on the limitations of the current clinical indices for the assessment of erosive wear and ways to address these issues.
- Group work #1, 2: the participants provided feedback on two practical exercises: a) to select the best possible clinical index for dental erosion according to their experience and knowledge; b) to suggest potential erosive risk factors that can be included in a survey to used additionally to the clinical index for the best possible diagnosis of dental erosion.
- Discussion of results of group work.

## **6. Main results:**

- The Basic Erosive Wear Examination (B.E.W.E.) was suggested by all the participants as the most reliable and convenient clinical index to assess dental erosion.
- But there are some limitations, such as the difficulty to differentiate erosion from other wear types, such as abrasion.
- According to the literature and conclusions of previous meetings of this Group, a way to address this limitation is to generate a valid survey of basic erosive risk factors; this survey can be used additionally to B.E.W.E. to assess erosive wear with the best possible accuracy.

## **7. Proposals from the participants for forthcoming meeting(s) of SIWG and State of publication(s):**

Almost all the participants agreed to participate in the production and validation of this survey in order to report our results by the next meeting and produce the second position paper of this Group in 2017. The first one was published in 2011 by Ganss C., Young A. and Lussi A.

## **8. Tasks to fulfil until the following meeting:**

To determine the specific procedures to validate the survey and index by all and additional participants if possible. Specific deadlines, time schedules, reminders and methodological steps will be provided by the chair shortly to all the participants.

## **9. Next meeting of the SIWG (including topics when already available):**

To discuss/evaluate the one year efforts to develop and validate the dietary questionnaire which should include at least the basic erosive dietary risk factors. Ideally this survey will be validated prior to next meeting in order to present the results in Vilnius. Also, some new topics will be provided in a timely manner prior to the 2017 meeting.