Middle East’s Dentist Meet Recommends Power Brushes for Improved Oral Hygiene

By Oral-B

Dubai, UAE: First dental consensus agrees that electric power brushing is best for oral health; 80 per cent of children between 12-15 years have unhealthy gums, according to research by the Dubai Healthcare Authority.

A group of the Middle East’s leading dentists have come together to agree on how best to promote good oral hygiene through brushing. Held in Dubai at the end of August and supported by Procter & Gamble, the first dental consensus has issued a series of recommendations to help improve oral hygiene in the region. These proposals, which focused on tooth brushing habits across the Middle East, include an agreement that electric power brushes are more effective at maintaining oral health, and that Bluetooth enabled power brushes have the potential to encourage better oral care among children.

Co-chaired by Dubai’s Hamdan Bin Mohammad College of Dental Medicine’s Professor Crawford Bain and Dr. Arwa Al-Sayed, Head of the Periodontics and Implants Department at Prince Sultan Military Medical City in Riyadh, the ten dentists from Lebanon, Oman, Saudi Arabia and the United Arab Emirates met for two days to discuss how best to promote better brushing habits among the region’s consumers. Research undertaken by the Dubai Healthcare Authority in February of this year showed that 80 percent of children in Dubai between the ages of 12 and 15 have unhealthy gums.

The group agreed on the following recommendations:

1. Evidence suggests that power brushes are more effective in the short & long term compared to manual brushes. According to present data, over the short & long term, power brushes are better at maintaining oral health.
2. Evidence suggests that oscillating-rotating power brushes are superior to all
Counterfeit KaVo branded dental turbines may pose severe risks to the dental practice

By KaVo

In the last year the dental market has witnessed a high increase in the number of counterfeit KaVo branded turbines and replacement parts. KaVo has identified counterfeit turbines and parts in several different countries and sales channels. The fake turbines are of unknown origin and are poorly constructed items. The counterfeit items have unknown origin and are poorly constructed. The counterfeit parts are also untraceable, and their use will void the product warranty. The turbines and parts were most likely not tested for safety, quality or effectiveness and could fail during use with a risk of injury to patient and user. We highlight below several critical product issues which bear elevated risks for patients, dentist and dealers:

- The CE label is counterfeit; so these products are not proven medical devices that were tested for safety and effectiveness;
- The counterfeit turbines use the outdated COMPACTtorque design rather than the current SMARTtorque, which was launched in 2013;
- Dealers, who trade in counterfeit KaVo turbines in the EU are responsible for any claims and may face legal consequences.

In January 2014, the Medicines and Healthcare Products Regulatory Agency even issued a warning to dentists after a counterfeit turbine shattered while being used on a patient. For all the above reasons, KaVo is advising dealers to not buy or sell these counterfeit turbines and warning dentists to not use them for patients’ treatment.

Identifying the Counterfeit Products

In an effort to deceive buyers, the fake products have exactly the same packaging as the genuine KaVo turbines with a forged “SMARTtorque” wrapped around a black box. Furthermore, many of the counterfeit turbines use the same serial number (SN 11-0505000). If you encounter a product with serial number SN-11-0505000 it is almost certainly counterfeit and should be discontinued. In some instances, the product description in the user manual differs from the printed name on the turbine.

Many of the counterfeit items also use a false name “COMPACTtorque 900B” and the user manual, in most instances, is for a different product, the Unik Midwest Turbine. Therefore the REF number on the product label doesn’t match with the REF number on the user manual.

Counterfeit KaVo branded turbines in the EU are elevated risks for patients, dentist and dealers. We could fail during use with a risk of injury to patient and user. We highly recommend that you carefully inspect the following packaging and items:

- FAKE PACKAGING (often SN 11-4950500)
- FAKE LOGO (logo size to font size)
- FAKE LABEL (often SN 11-0505000)
- FAKE HEAD (very glossy, 2 screw fixations)
- ORIGINAL PACKAGING
- ORIGINAL KaVo PACKAGING
- ORIGINAL KaVo HEAD (dull, 4 screw fixations)
- ORIGINAL KaVo LOGO (logo size to font size)
- ORIGINAL Label

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The new imaging plate scanner XIOS Scan completes the intraoral family from Sirona. Whether you’re taking the first steps into the digital world or establishing or updating a fully digital practice, XIOS Scan and XIOS XG Sensors offer perfectly synchronized solutions for every workflow. **Enjoy every day.** With Sirona.
Ketac™ Universal Aplicap™ Glass Ionomer Restorative Clinical Case

By Dr. Jacqueline Esch, Germany

Treatment of a 6-year old patient under general anesthesia with caries on deciduous mandibular molars.

Fig.1. X-ray of deciduous teeth. Proximal lesion visible.

Fig.2. Initial situation: primary first and second molar with carious lesions.

Fig.3. Caries removal. Minimally invasive preparation: caries-free areas of enamel and dentine are left in the center of the cavity.

Fig.4. Placement of Tofflemire matrix.

Fig.5. Bulk placement of Ketac™ Universal Aplicap™ into cavity.

Fig.6. Shaping of the occlusal surface.

Fig.7. Surface adjustment and excess removal with a fine diamond bur.

Fig.8. Polishing of the occlusal surface with Sof-Lex™ Spiral Polishing Wheels.

Fig.9. Final Ketac™ Universal Glass Ionomer restorations.

Ketac™ Universal Aplicap™ Restorative.
Dentist satisfaction ratings.

By 3M

In an application test, 965 fillings were placed using Ketac Universal Aplicap restorative. Dentists were pleased with time savings, overall handling, ease of placement and cavity adaptation.

94% verified it enables an easy 1-step placement.

84% agreed the new design of the nozzle leads to better access to deep cavities.

75% stated that the low stickiness to instruments allows easy placement.

1. Source: Please refer to the Technical Data Sheet.

About the Author

Dr. Jacqueline Esch
Specialist in pediatric and adolescent dentistry of German Society for Oral and Maxillofacial Surgery (DGZMK), co-founder of group practices ‘International practice for pediatric dentistry and orthodontics’ (‘Internationale Praxis für Kinderzahnheilkunde und Kieferorthopädie’), Munich. Board member of the Federal Association of Pediatric Dentists (BUKIZ), Head of Training Centre for Child and Adolescent Dentistry in Munich.