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 Mohammed 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 others.

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Countertfeit 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 linear 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 are not manufactured to KaVo’s quality standards 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.
- With no official manufacturer, there is no organization responsible for safety and effectiveness; many of the counterfeit items may face legal consequences.
- Dealers, who trade in counterfeit KaVo turbines in the EU are responsible for any claims and may face legal consequences.
- The counterfeit turbines use the outdated COMPACTtorque design rather than the current SMARTtorque design that was launched in 2015.
- The turbines and parts were not tested for safety, quality or effectiveness and most likely not tested for safety, quality or effectiveness; the counterfeit product shattered while being used on a patient.
- Many of the counterfeit items use a false name "COM- pacttorque 660B" and the user manual differs from the product description in the counterfeity head.
- 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 fake name “COM- pacttorque 660B” 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 turbine products may pose severe risks to the dental practice.
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SIRONA.COM
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.

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.

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