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Cleaning gadgets
The Gadget Show recently tested the latest electrical tooth cleaning gadgets the current market. Tested under the supervision of Dr. Ouchenna Okoye, the dentist who creates teeth transformations on TV programmes 10 Years Younger, presenter Suzi Perry sent them to the brushes to see what ones were the best. The Panasonic Dentairec Travel Irrigator came in fifth, followed by the Colgate 560 Microsonic Power in fourth. In third place was the Phillips Sonicare Flexcare with Sanitiser, which was praised for the sanitizer, that kills bacteria on the toothbrush head by using a UV light. Oral-B took the top two places, with the Oral-B Professional Care $500 in second place and the Oral-B Triumph with Smart Guide taking first place. Dr. Ouchenna Okoye praised the effectiveness of the Oral-B $5000 and made it her top recommendation.

The secret of enamel
Researchers from the Forsyth Institute and the universities of Pittsburgh and Michigan in the US have reported that they have discovered how to create enamel, which enamel, one of the hardest tissues in the human body, is created. In their research the scientists discovered that the protein amelogenin, which makes up to 20 and 30 per cent of early enamel, arranges itself into clusters. According to one report, these clusters then stabilise and organise calcium phosphate crystals in parallel arrays and fuse them together, resulting in needle shaped particles. Although the scientists added that more research is needed to be carried out, they believe that their observations could be used to aid in the development of new medical and dental materials.

5D goes Russian
5D Diagnostic Imaging has selected a distributor for its CarieScan technology in Russia. The company which makes the CarieScan Pro, a handheld device which is used to detect tooth decay, has chosen Russian distributor IT Stom, which operates in Moscow, according to reports. Further reports have also stated that to distribute its caries support system throughout the USA, 5D Diagnostic Imaging have signed an agreement with American company Henry Schein Inc.

Ups and downs of NHS Dentistry 2010/11
New reporting gives clarity to NHS dentistry usage
The NHS Dental Statistics for England: 2010/11 has recently been released by the NHS Information Centre.

This year the paper has progressed into a comprehensive report bringing together a range of information, such as the number of dentists working for the NHS, the amount of treatments that are carried out and the number of patients that are seen by an NHS dentist. One interesting fact showed that 45.5 per cent of NHS dentists are female.

There was however a key finding to the report, which revealed that the number of fluoride treatments had substantially increased since 2009/10 for both adults and children; 8.1 per cent of all child treatments included a fluoride varnish, while 1.2 per cent of all adult treatments included a fluoride varnish.

The figures also revealed that since 2006 an extra one million patients have been seen by an NHS dentist, putting the final figure for the two-year period, ending in June 2011, at more than 29 million. Alongside these figures, in the past 24 months around 56.5 per cent of the population have received dental care. Even though these figures are promising, the report also revealed that over the same period 20,000 fewer children had seen an NHS dentist.

Commenting on this figure, Chief Executive of the British Dental Health Foundation, Dr Nigel Carter said: “It is disappoint-