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News & Opinions

Did you see the STARS Twin- 
kle in Alexandria?

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Media CME Getting to know you

Cleaning teeth twice a day can prevent heart attack

People who have poor oral hygiene have an increased risk of heart disease compared to those who brush their teeth twice a day. That’s according to research published in the British Medical Journal. There has been increased interest in links between heart problems and gum disease over the past 20 years.

While it has been established that inflammation in the body (including mouth and gums) plays an important role in the build up of clogged arteries, this is the first study to investigate whether the number of times individuals brush their teeth has any bearing on the risk of developing heart disease, says the research. The authors, led by Professor Richard Watt from University College London, analysed data from more than 11,000 adults who took part in the Scottish Healthy Survey. The research team analysed data about lifestyle behaviours such as smoking, physical activity and oral health routines.

Individuals were asked how often they visited the dentist (at least every six months and seven out ten (71%) reporting that they visit the dentist every six months and seven out ten (71%) reporting that they brush their teeth twice a day. Once the data were adjusted for established cardio risk factors such as social class, obesity, smoking and family history of heart disease, the researchers found that participants who reported less frequent toothbrushing had a 70% extra risk of heart disease compared to individuals who brush their teeth twice a day, although the overall risk remained quite low. Professor Watt says ‘Our results confirmed and further strengthened the suggested association between oral hygiene and the risk of cardiovascular disease – furthermore inflammatory markers were significantly associated with a very simple measure of poor oral health behaviour.’

Previous research on tooth regeneration has been focusing on harvesting stem cells directly on dental implants to improve osseointegration or outside the body where the tooth is grown under laboratory conditions and implanted once it has matured. Mao’s technique, which has been tested on animal models, is moving the harvesting process directly into the socket where the tooth can be grown ‘orthotopically’.

Columbia University announces break-through in tooth regeneration

Daniel Zimmermann

NEW YORK, USA/LEIPZIG, Germany: Dental implants could soon become a secondary choice for replacing natural teeth. According to new research from the College of Dental Medicine at Columbia University in New York, three-dimensional scaffolds infused with stem cells could yield an anatomically correct tooth in as soon as nine weeks once implanted. The new technique, developed by Columbia University professor Jeremy Mao, has also shown potential to regenerate periodontal ligaments and has also shown potential to regenerate periodontal ligaments and erate periodontal ligaments and alveolar bone, which could make way to re-grow natural teeth that fully integrate into the surrounding tissue.

5M ESPE new composite takes restorative dentistry to new heights

5M ESPE announced its newest universal restorative Filtek™ Z350 XT Universal Restorative, which was launched in Middle East and was supported by scientific events in Saudi Arabia, UAE, Lebanon and Kuwait. The scientific event was a great success and there was high attendance of dentists.

The scientific events held in UAE, Lebanon and Kuwait was attended by Dental Tribune and other media. The topics which were addressed were esthetic concepts, color parameters, shade selection, finishing and polishing and post-up sensitivity. Also, scientific event showcased some innovative techniques that showed to reach aesthetic success, respecting

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Did you see the STARS Twinkle in Alexandria?

By all measures, figures and Statistics, the Stars meeting (AOA 2010) was the most successful Implantology meeting the history of the Middle East and Africa. The AOA was honored to have the brightest stars in the field of oral implantology gathering to achieve its aim of spreading the knowledge and getting people together.

The Super Star, Dr. Henry Salama, a main member of Team Atlanta, conducted a half day course “Minimally Invasive Implants protocols and Management of risk factors in Esthetic therapy: Success by design” which received a magnificent applaud by the attendants who reached 2000 registrations on the first day. “A key consideration in tooth regeneration is finding a cost-effective approach that can translate into therapies for patients who can’t afford it or who aren’t good candidates for dental implants,” Dr. Mao told Dental Tribune Asia Pacific. “Our findings represent the first report of regeneration of anatomically shaped tooth-like structures in vivo.”

The scientific program hosted other stars like Dr. Gerald A. Nunnich, Prof. Nahil Barakat, Prof Mohamed Hassan, Prof. Dr. Ates Par and the ICOI Executive Director coming specially to reward our fellowship recipients. Twinkle in Alexandria? Did you see the STARS

DentalXp would like to congratulate Professor El Attar and all the AOA Academy members for a great and successful meeting in Alexandria Egypt, in March 2010.

“With Filtek Z550 XT, we’ve modified the technology to maintain the excellent handling dentists love while improving upon polish retention and simplifying the shading system.”

As the first and only composite system to incorporate true nanotechnology, the Filtek line has gained a strong following over the past six years for its ability to provide the polish and polish retention of a microfilled, while maintaining the strength and wear properties of a modern hybrid.

Dr. Mao’s study has been published in the recent Journal of Dental Research and will be presented at this year’s International Meeting of Dental Research congress in Barcelona. Columbia has also announced to have filed patient applications in relation to the engineered tooth and is actively seeking partners to help commercialize the technology through its technological transfer office Columbia Technology Ventures.

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