Anniversary dental event opens in Birmingham

Dentistry Show celebrates a decade of dental innovation and learning

By DTI

BIRMINGHAM, UK: Providing an ever-growing platform for learning and exchange of knowledge between the industry and professionals, the Dentistry Show and Dental Technology Showcase will be held for the tenth time this year for all members of the profession. Running on 12 and 13 May at the National Exhibition Centre in Birmingham, the anniversary edition will again present the latest innovations and clinical developments in the field.

After the International Dental Show in March, held in Cologne in Germany, plenty of innovations are expected to be presented across the whole industry. There will be over 420 suppliers, including the trade’s biggest brand names, with many new products available to experience first-hand at booth E95, the Dental Tribune International publishing group will be present with its extensive selection of general and specialist dental media. There, visitors will have access to hundreds of hours of verifiable CPD gained by attendees this year. With a target of delivering 85,000 hours of free verifiable CPD, the last edition, held in April 2016, was attended by over 7,300 dental professionals.

According to the organiser, however, the Dentistry Show is designed with the whole dental team in mind. Consequently, there will also be two-day conferences designed specifically for dental nurses, hygienists and therapists, among others. Supported by Practice Plan, the Dental Business Theatre is ideal for dentists and practice managers to learn about the fundamentals and dos and don’ts of running a dental business. “The Dentistry Show is always a really good event,” commented Deepak Simkhada, a London-based dental therapist who will be speaking at the Hygienist and Therapist Symposium. “There is a large selection of high-quality speakers covering a range of topics, plus many exhibitors showing the latest products and services. It’s always a lot of fun too!”

For the latest news, interviews with opinion leaders and product information, please visit www.dental-tribune.co.uk, www.thedentalshow.co.uk and www.thedts.co.uk.
How dental sensitivity can be improved with BioMin F

By Moira Crawford, UK

Sensitive teeth, causing discomfort and pain, particularly in reaction to hot or cold food and drinks, are a common problem. They are mainly affecting people aged 40-60, though sufferers can be of any age. Also known as dentine sensitivity, the condition is caused when the enamel surface of the tooth is worn away or damaged, exposing the dentine layer below. The dentine contains microscopic tubules, and not hot or cold fluids trigger flow through the tubules, stimulating the exposed nerve endings in the pulp chamber, causing sensitivity. Sensitivity is most common at the margin where the tooth meets the gums, gum recession exposes the tubules, or it can be due to erosion where the enamel, which is very thin in this area, has been dissolved away by acid attack.

A wide variety of specialized toothpastes and products are available over the counter or on prescription for the treatment of dentine sensitivity but a new solution has been found to the problem: a bioactive glass which acts with the saliva in the mouth to remineralize tooth enamel, or and his team at the Dental Institute, Queen Mary University London, and contains a bioactive glass which delivers a combination of calcium, phosphate and fluoride ions as it dissolves. This combination promotes effective remineralization of tooth enamel through the production of fluorapatite, for example, BioMin F dissolves more rapidly to restore the equilibrum and prevent demineralization.

**Tubule occlusion**

Importantly for the treatment of sensitivity, the glass needs to travel through the tubules, stimulating the exposed nerve endings in the pulp chamber, causing sensitivity. Sensitivity is most common at the margin where the tooth meets the gums, gum recession exposes the tubules, or it can be due to erosion where the enamel, which is very thin in this area, has been dissolved away by acid attack.

**How BioMin F works**

BioMin F is one of a new generation of bioactive glasses, which were initially introduced for bone grafting. These new glasses, incorporating other components within their structure, are now finding uses in the dental arena. BioMin F toothpaste has been developed by Professor Robert Hill and his team at the Dental Institute, Queen Mary University London, and contains a bioactive glass which delivers a combination of calcium, phosphate and fluoride ions as it dissolves. This combination promotes effective remineralization of tooth enamel through the production of fluorapatite, for example, BioMin F dissolves more rapidly to restore the equilibrium and prevent demineralization.

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28 June – 1 July 2018
Berlin, Germany

www.ROOTS-SUMMIT.com
What’s on in and around Birmingham

**Brian Cox (Science Tour)**
- Date & Time: 12 May, 20:00
- Location: Barclaycard Arena, King Edwards Road
- [www.barclaycardarena.co.uk](http://www.barclaycardarena.co.uk)

A Professor at the University of Manchester, Cox is best known to the public as the presenter of a number of science programmes for the BBC, boosting the popularity of subjects such as astronomy and physics. His spring tour, which was extended due to popular demand, is taking audiences on a dazzling journey through space and time, delving into ‘high science’ and freewheeling on the edges of the known cosmos. Whether an avid science reader or a total novice, Professor Brian Cox Live will test the limits of our knowledge and make highly complex ideas accessible to all.

**Lucky Sods (Theatre)**
- Date & Time: 12 & 13 May, 19:45
- Location: 118 Great Hampton Street
- [www.blueorangetheatre.co.uk](http://www.blueorangetheatre.co.uk)

When Morris and Jean win the National Lottery to the tune of two million pounds—they can’t believe their luck. But the cracks in their marriage widen, their past catches up with them, their relatives become increasingly resentful. Jean keeps winning and Morris takes off to Amsterdam with an old flame, but will his prophecy that bad luck always follows good turn out to be true?

**Aida (Musical)**
- Date & Time: 12 & 13 May, 19:30
- Location: Homer Road, Touchwood, Solihull
- [thecoretheatresolihull.co.uk](http://thecoretheatresolihull.co.uk)

The Solihull Theatre Company presents the Solihull premiere of Elton John and Tim Rice’s Aida, the pop musical version of the classic Verdi opera. Spanning across the ages, it tells an epic tale of love, loyalty, and betrayal, chronicling the love triangle between Aida, a Nubian princess stolen from her country and enslaved, Amneris, an Egyptian princess, and Radames, the soldier they both love. Ultimately, with love and responsibility at odds, Aida and Radames must decide to follow their hearts or lead their people.

With a strong beginning, a tense middle and a heart-tugging ending and accompanied by Elton John’s unforgettable musical score, featuring haunting ballads, upbeat Motown, rousing Gospel anthems—Aida promises something for everyone, never before seen at The Core.

For more information on sights and events please go to [www.visitbirmingham.com](http://www.visitbirmingham.com) or visit the Birmingham Visitor Service on Level 3 of The Mailbox.

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