MEDENCY

State-of-the-art diode laser technology

The Italian company MEDENCY has been built upon profound global expertise in the dental market and dental lasers in particular. “Our flagship product PRIMO combines state-of-the-art diode laser technology with innovation and the experience of MEDENCY in the dental industry. PRIMO provides a variety of applications and is thus a viable alternative to conventional surgical methods like electrocautery and the scalpel. Owing to its intuitive interface, the device is easy to use,” stated the company’s general manager, Alessandro Boschi.

All products are designed, engineered and manufactured in Italy—with passion and commitment. “Our overall mission is to deliver a combination of cutting-edge products, services and interaction with customers drawing on a wide network of academic partners,” said Boschi.

The company supports its partners with tailor-made educational courses in different countries in order to gain practical experience in the use of the system in daily practice. Using dental laser technology has never been so easy.

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Fotona

Dual wavelength laser system

Following its launch at IDS in March 2011, Fotona’s dual wavelength (Er:YAG and Nd:YAG) LightWalker laser system quickly earned widespread industry appreciation and highly respected technology and innovation awards. Today, it is a preferred laser system of dental perfectionists and forward-thinking professionals who wish to upgrade their dental experience with new treatment possibilities that only the latest technology can offer. Owing to Fotona’s advanced R&D capabilities which regularly introduce new features, software updates and usability improvements that further enhance the system’s comprehensive feature set, it remains one of the most leading edge and reliable laser systems on the market. With the most state-of-the-art design, engineering and patented technologies, offering a wide range of highly effective TwinLight® hard- and soft-tissue treatments, aiming at providing the most extensive list of applications of any dental laser made today, LightWalker will continue to set standards for cutting-edge laser technology in years to come.

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Acupuncture could reduce Dental anxiety

Fear of the dentist is something some people suffer from more than others. With multiple reasons for dental anxiety and its effects, there is, however, limited research on its impact and possible treatment methods. In an effort to look deeper into the topic, researchers from the University of York, UK, have recently reviewed a number of studies on treating dental anxiety with acupuncture.

For the systematic review and meta-analysis, six trials with a total of 800 patients were chosen from almost 130 eligible trials. The researchers used a points scale to measure anxiety, and in the studies included, anxiety was shown to be reduced by eight points when dental patients were given acupuncture as a treatment.

According to the researchers, this level of reduction is considered to be clinically relevant, indicating that acupuncture could be a possibility for treating dental anxiety.

Co-author of the study, titled “Acupuncture for anxiety in dental patients: Systematic review and meta-analysis”, Dr Hugh MacPherson, Professor of Acupuncture Research at the University of York’s Department of Health Sciences, expressed that the scientific interest in the effectiveness of acupuncture both as a standalone and as an accompanying treatment to more traditional medications was increasing.

“If acupuncture is to be integrated into dental practices, […], then there needs to be more high-quality research that demonstrates that it can have a lasting impact on the patient. Early indications look positive, but there is still more work to be done,” summarised MacPherson.

Source: DTI

Health labels might prevent Consumption of sugary drinks

Cigarette packets are labelled with warnings and graphic images to deter people from smoking. In a new study, researchers from Australia’s Deakin University have investigated whether a similar labelling approach could dissuade people from buying sugary drinks. They found that young adults were less likely to purchase sugar-sweetened beverages that had health labels.

To investigate the possible effects of adding a health label to sugary drinks, an online experiment to examine the drink choices of almost 1,000 Australians of a diverse range of socio-economic status and education levels aged between 18 and 35 was conducted. Participants were asked to imagine that they were entering a shop or cafe or approaching a vending machine to purchase a drink, and should then choose between one of 15 bottles, with both sugary and non-sweetened options available. The drinks had either no label (control group) or one of four labels on sugary drinks: graphic warnings, text warnings, sugar information (including the number of teaspoons of added sugar) or a Health Star Rating—the national front-of-pack labelling system used in Australia and New Zealand.

According to the results, participants were far less likely to select a sugary drink when a front-of-pack label was displayed, regardless of their level of education, age or socio-economic background. “Our findings highlight the potential of front-of-pack health labels, particularly graphic images and Health Star Ratings, to change consumer behaviour, reduce purchases of sugar-sweetened drinks, and help people to make healthier choices,” said Prof. Anna Peeters, Director of the Institute for Healthcare Transformation at Deakin University.

Source: DTI