Further Education at the

## DGZI International Annual Congress in Munich

As the most traditional European society for dental implantology, DGZI is going to hold its 46th Annual Congress in Munich, Germany. Renowned speakers from Germany and abroad, representatives of associated societies and, of course, participants from Europe, the USA, Asia and the Arabic countries will once more contribute to and profit from an exceptional further-education event. This year, the congress will take place parallel to the annual congress of the German Society for Laser Dentistry (DGL), the Munich Forum of Innovative Implantolgy and the Oral Hygiene Day, resulting in additional pools of information for our participants.




The congress aims at providing first-rank, practice-oriented further education and building a bridge to the latest scientific findings via introducing industrial innovations and their implementation in the daily practice. Lectures will cover the complete spectrum of modern implantology, furthermore illustrating significant interfaces with other relevant areas of expertise. The congress programme is completed by workshops by manufacturers of implants, membranes and bone substitutes as well as separate topics on the dental assistance in implantology.
As the congress will be held on the Octoberfest's final weekend, all interested colleagues are encouraged to plan their participation in time.

**Source: DGZI e.V.**

Hans Geiselhöringer appointed

## President of Nobel Biocare

As of January 1, Hans Geiselhöringer has taken over as President of Nobel Biocare. The appointment was made to strengthen the organisation around its strategic goals. Since 2011 Hans Geiselhöringer has served as Executive Vice President of Global Research, Products and Development, shaping a highly competitive product and innovation pipeline. Prior to that he was Executive Vice President Global Marketing and Products from 2010–2011 and Head of NobelProcera and Guided Surgery from 2009–2010.



Hans Geiselhöringer is a trained Dental Technician and possesses great technical knowledge of the implant and CAD/CAM industries, as well as deep customer understanding and insights, enabling continuity of innovation at Nobel Biocare. As a renowned expert on dental technologies and materials, he has published/co-published various clinical and research articles. He is also a member of numerous international dental associations and a recognised lecturer at dental conventions throughout the world.

**Source: Nobel Biocare**

Merger Creates

## The Dental Solutions Company™

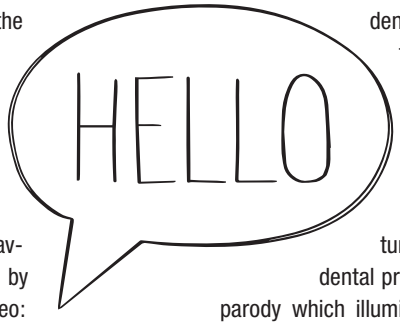
Dentsply Sirona Inc. (NASDAQ: XRAY) today announced that it has successfully completed the merger of equals between DENTSPLY International Inc. ("Dentsply") and Sirona Dental Systems, Inc. ("Sirona"). The merger of DENTSPLY, the market leader in dental consumables and Sirona, the market leader in dental technology and equipment, creates the world's largest and most diversified manufacturer of professional dental products and technologies. Dentsply Sirona will have leading positions and some of the most well-established brands across consumables, equipment, technology, and specialty products to address the needs of dental professionals, specialists and dental labs. Each day, approximately 600,000 dental professionals will use a Dentsply Sirona product. With the largest R&D platform in the industry, Dentsply Sirona will develop and support innovative end-to-end clinical solutions that advance patient care.

**Source: Dentsply Sirona**



Hello from

## The Dentist's side




Hardly ever is a visit at the dentist's seen as a fun event. While many are aware of the patient's side, only few take into account the dentist's view. A dental clinic from Houston, Texas, now endeavours to overcome this bias by a very special music video: they have adapted Adele's super hit "Hello" in favour of dentists worldwide. Friendly reminders remaining unheard, missed check-up appointments and the omnipresent danger of being bitten—as most people are usually seated on rather than in front of the dental chair, taking the dentist's perspective is difficult. The dental clinics New Teeth Dental Side has now turned the tables by recording a new version of Adele's "Hello", which features all aspects of the daily dental practise. The result is a funny parody which illuminates the special relationship between dentist and patient.

The following video recently went viral as it illustrates how dental fear impacts both patient and dentist:

[Picture: © Kostenko Maxim]

Implantologists target

## DGZI study group in Berlin

Within two years, the DGZI study group New Generation Berlin has been the second study group to be founded. Favouring quality over quantity, Rabi Omari, initiator of the new study group presented an exciting and well-balanced programme on the occasion of the founding. Among others, study group leaders Navid Salehi (Hamburg, Germany), Arzu Tuna and Umut Baysal (Cologne, Germany) gave a speech on immediate implantation in the anterior region. DGZI board members Dr Rolf Vollmer and Prof. Rainer Valentin discussed modern implantological aspects.

The event focussed especially on the exchange of experience among colleagues. Therefore, the get-together following the scientific programme featured vivid scientific discussions and gave participants the opportunity to get to know each other and make plans for the future.

Already in the 1970s, small regional study groups met regularly to increase scientific know-how. Tradition and innovation and support for all members have since been the trademark of the DGZI study groups.

**Source: DGZI e.V.**




From left to right: Dr Rolf Vollmer, Dr Arzu Tuna, Dr Umut Baysal, MDT Michael Anger, Dr Navid Salehi and Rabi Omari.



[Picture: © 3dfoto]

New coating to

## Improve implants

Prebiotic compounds, whose origin can be traced back billions of years, have been studied intensively since their discovery several years ago. Now, a team of researchers in Australia has found that these prehistoric molecules can be used to modify surfaces of medical implants, reducing the risk of infection and rejection. The new coating method was developed by the Commonwealth Scientific and Industrial Research Organisation (CSIRO) in collaboration with microbiologists at Monash University.

They found that this polymerisation, carried out in buffered aqueous solutions, can be used to coat a wide range of organic and inorganic substrate materials. The coating is biofriendly and cells readily grow on and colonise it and could therefore be applied to medical devices, such as dental implants, catheters and pacemakers to improve their performance and acceptance by the body, according to the researchers.

"The non-toxic coating is adhesive and will coat almost all material, making its potential biomedical applications really broad," said lead research Dr Richard Evans. "This research opens the door to a host of new biomedical possibilities that are yet to be explored." As the coating process is very simple and uses methods and substances that are already available, biomedical manufacturers can produce improved results more cost effectively compared with existing techniques.

The study, titled "Prebiotic-chemistry inspired polymer coatings for biomedical and material science applications", was published online on 13 November in the NPG Asia Materials journal.