Cooperation with partner university
Universiapolis in Agadir

Author: Dr Rolf Vollmer, Germany

DGZI members of the board followed the invitation by the Moroccan Private University Universiapolis in Agadir and took part in an information event from 19 to 20 May 2016. The university showed great interest in a cooperation with the German Association of Dental Implantology e.V. (DGZI) regarding postgraduate education. Roughly 30 Moroccan dentists attended the event, among them residential dentists or dentists engaged in the dentist’s association. Specialist speeches were held by Dr Rolf Vollmer, Dr Rainer Valentin and Dr Mazen Tamimi and lead to interesting discussions. Due to his fluent Arabic, Dr Mazen Tamimi ensured that there were no communication problems.

Both President and Vice President of Universiapolis emphasised in their speeches that a dental faculty will be established within the next two years and that they were hoping for advice and support from abroad. This entails their strong interest in the DGZI postgraduate education programmes.

Conversations with the Moroccan DGZI representative Dr Ali resulted in the announcement of a joint congress in Morocco in the beginning of next year, including the so-called Maghreb countries Morocco, Algeria, Tunisia and Libya. Furthermore, there is hope that visa problems with Libya will be solved until then, which would result in improved travel opportunities to Morocco. The joint congress is going to be named the “10th Arabian-German Implantology Congress”. Colleagues who want to join the congress either as speakers or participants may contact the DGZI 1st Vice President Dr Rolf Vollmer or the organisational manager Dr Rainer Valentin for further details.

In conclusion, there is a high demand for education opportunities on an international level in this region.

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Nobel Biocare Global Symposium 2016

Innovation comes to life

Source: Nobel Biocare

Nobel Biocare welcomed dental professionals from around the world to the iconic Waldorf Astoria hotel in New York City, US, for the Nobel Biocare Global Symposium 2016. The programme for the sold-out event, held June 23–26, featured lectures, hands-on training and master classes from the world’s leading experts in implant dentistry. Under the banner “Where innovation comes to life”, Nobel Biocare unveiled a number of innovative new products and solutions at the event. Each is designed to help dental professionals treat more patients better and many are so unique they are either patent protected or in the patent process.

Enhancing workflows for shorter time-to-teeth

The Nobel Biocare Global Symposium showcased the role that digital technology plays in increasing the efficiency and accuracy of diagnostics, treatment planning and guided surgery. Attendees were invited to visit a digitally enabled practice exhibit featuring current technology as well as potential future innovations designed to increase integration, collaboration and efficiency. Participants were shown how Nobel Biocare’s leading integrated workflow can accelerate, combine or even eliminate treatment steps.

Nobel Biocare is also advancing the restorative workflow in terms of componentry. An important new addition to Nobel Biocare’s assortment of com-
ponents is the On1 concept. This innovative modular solution bridges the gap between the surgical and prosthetic workflows. The On1 Base connects to the implant at surgery and then remains in place throughout the healing process, prosthetic work and then the lifetime of the restoration. This leaves the soft tissue undisturbed without compromising on restorative flexibility, leaving the biological seal it creates in place for optimised healing. As the On1 Base is seated at implant placement, the concept offers the surgeon peace of mind that only precision-engineered Nobel Biocare components are used with the implant, removing risks associated with ill-fitting third-party abutments. It also eliminates the risk that non-bio-compatible, unclean or reused components come into contact with the soft tissue.

Nobel Biocare also presented the evolution of NobelProcera. This includes the launch of the new NobelProcera Crown, the first in a series of options in a new high-translucency multilayered full-contour zirconia material. This new material possesses exceptional properties, combining high strength and durability with excellent aesthetics. The multilayered nature of the restorations and the realistic occlusal detail mirror the appearance of a natural tooth and help save time, as the technician need only apply final touches before delivery to the dentist.

**Advancing edentulous solutions**

Nobel Biocare is committed to further advancing the standard of care for edentulous patients. Nobel Speedy, the original and widely documented implant for the All-on-4 treatment concept, is now available in more lengths and diameters for increased surgical flexibility. With new shorter 7 mm, longer 20, 22 and 25 mm implants and a wider 5.0 mm implant variant, this expanded range is designed to further help clinicians utilise a graftless approach and achieve cortical anchorage where bone quality and quantity are limited. The new Multi-unit Abutment Plus is an enhancement of the Nobel Biocare Multi-unit Abutment. It is designed to significantly reduce the chair time required to perform a denture conversion—a procedure commonly used for the All-on-4 treatment concept. Building on 25 years of success with Nobel Biocare’s zygomatic implants, the new Nobel-Zygom implant launched at the event provides greater surgical and prosthetic flexibility when treating severe maxillary resorption without grafting.

**Comprehensive regenerative assortment**

Under the brand creos, Nobel Biocare offers an outstanding regenerative solutions portfolio, which is now expanded further with creos xenogain, a deproteinised bovine bone mineral matrix for guided bone and guided tissue regeneration procedures. Unique processing methods remove the bovine proteins and lipids. The natural bone matrix characterised by micro- and interconnected macropore structures is preserved. Bone substitutes in the creos xenogain range have a slow resorption rate and act as a long-lasting scaffold, maintaining space for bone regeneration. The new creos xenogain biomaterials build on the success of the non-cross-linked resorbable collagen membrane creos xenoprotect, which is scientifically proven to be the strongest membrane when hydrated and offers excellent vascularisation behaviour and tissue compatibility as well as a prolonged protection of the graft site. An extensive range of allogenic creos regenerative solutions is also available.

Hans Geiselhöringer, President, Nobel Biocare and Dental Imaging, said: “The innovations we are presenting at the Nobel Biocare Global Symposium 2016 have all been created to address the specific needs of today’s dental professionals as they strive to improve care for patients.”

**contact**

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Fig. 5: Hans Geiselhöringer, President, Nobel Biocare and Dental Imaging.

Fig. 6: The Grand Ballroom during the Nobel Biocare Global Symposium 2016 in the Waldorf Astoria hotel in New York City.
With the theme “Tackling Everyday Challenges”, the 6th International CAMLOG Congress took place in Krakow/Poland from 9 to 11 June 2016. Renowned experts from Europe and the US presented the latest findings in research and clinical applications.

Practical workshops were held already on Thursday, 9 June. Four full-time and two part-time workshops introduced contemporary topics such as 3-D planning, bone augmentation, sinus lift and suture techniques to small groups which were led by competent speakers. Hands-on exercises enhanced the workshops’ practical relevance. Parallely, a Digital Dentistry pre-congress was held for the first time.

Friday continued with practical aspects, but also featured a presentation on “Challenges and handling of the posterior zone”. Successful teams introduced their practice-oriented concepts and invited the auditorium to actively participate in the discussion. The day was concluded by a special guest lecture: Markus Gross is Professor of Computer Science at the ETH Zurich and Vice President of Research, Disney Research, and the Director of the Disney Research Zurich lab. His presentation of the “virtual man” transfixed the auditorium with future-oriented images and technologies.

Science was the dominating element for the programme on Saturday. Seven short speeches informed about current research projects and were followed by a session about the transmukosal zone. After the lunch break, the winners of the CAMLOG Foundation Research Award were announced. The congress programme was completed by controversial topics which were introduced and discussed by speakers with differing points of view. The auditorium was also included in this scientific debate and given the chance to pose questions or make statements at any point during the discussion.

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**Fig. 1:** More than 1,000 participants attended the three-day congress.

**Fig. 2:** Dr. Karl-Ludwig Ackermann, Michael Ludwig und Jürg Eichenberger (from left to right).
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Meet us at EAO 2016 in Paris – Booth #B53
On 26 May, the third Global Conference of Israeli dental implant manufacturer MIS Implants Technologies opened its doors to dental professionals from all over the world at the Barcelona International Convention Centre (CCIB). Until Sunday, about 2,500 attended the event to learn more about the latest scientific research and developments in implant dentistry and MIS’s VCONCEPT and V3 implant in particular.

On the morning of 26 May, the conference kicked off with 100 runners participating in the MIS RUN. Just in time for the morning sun, the starting pistol was fired at 7.30 am at the CCIB and participants ran 3, 5 or 10 km along Barcelona’s charming beaches.

In the afternoon, clinicians younger than 40 had the opportunity to present their own cases, focusing on challenging situations in implantology, to an international audience in the Young Clinicians’ Session. Parallel to this, a number of Master Clinicians’ Sessions and workshops held in English and Spanish provided participants with the opportunity to learn from experts in various fields, such as 3-D concepts in oral implant rehabilitation, dental photography, biomaterials and bone grafting, as well as soft-tissue management.

The first day of the conference concluded with a spectacular opening gala dinner organised on the pitch of Camp Nou, the stadium of the FC Barcelona football club.

On 27 May, the main programme opened with a packed auditorium. Throughout the day, many key opinion leaders in implant dentistry held lectures focusing on restorative concepts, the VCONCEPT and clinical solutions with the V3 implant, which was launched last year at EuroPerio in London in the UK.

In addition, MIS’ new 4MATRIX was launched, an innovative, FDA and CE certified bone-graft cement developed to simplify dental bone grafting procedures. Composed of pure biphasic calcium sulfate & hydroxyapatite and characterised by a predetermined setting time and resorption rate, 4MATRIX is the preferred augmentation product for a wide variety of dental bone grafting procedures.

**Fig. 1:** Introducing MIS product innovations: Elad Ginat, MIS Products Manager, Idan Kliefeld, CEO MIS und Doron Peretz, Senior V.P. Marketing & Products Development MIS.

**Fig. 2:** The conference was attended by about 2,500 dental surgeons and implantologists from around the world.
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1st European Forum on Ultra-Short Implants

Author: Georg Isbaner, Germany

Friday formed the pre-congress with renowned speakers, hosted by the company Automobili Lamborghini Holding S.p.A. in Sant’Agata Bolognese between Bologna and Modena. The company invited participants to a guided tour of the museum as well as production facilities and thus provided exclusive insights to the Lamborghini manufactory. Already in the Lamborghini headquarters, two opening speeches were held for the German-language participants: Dr Alfons Eißing and Prof Dr Rolf Ewers gave their introductory lectures to the key congress topics, followed by animated discussions with Prof. Mauro Marincola, Dr Frank Kistler and Dr Stefan König, among others. A grand dinner at the patio of Castello Estense formed the finale of this first congress day.

More than 200 participants attended the 1st European Forum on Ultra-Short Implants in Ferrera/Italy from 17 to 18 June 2016. The forum was organised by the Implant Dentistry Center (IDC) in Italy and themed “Ultra-Short Implants”. The scientific committee was led by co-presidents by Prof. Dr Rolf Ewers and Prof. Dr Mauro Marincola and consisted of renowned experts who combined the latest research developments with practical aspects. Bone regeneration formed the focal point of the event, in addition to biomechanical processes during the placement of Ultra-Short Implants while preventing bone augmentation.

The congress gained further significance by the 11th European Consensus Conference in Cologne/Germany earlier this year. Lead by Dr Jörg Neugebauer, a joint paper about short, angulated and diameter-reduced implants was endorsed. The impact of the consensus paper, which illustrates various indications for Ultra-Short Implants in combination with preventing augmentation procedures, cannot yet be predicted. However, many surgeons, especially in Germany, are prone to prick up their ears, as from now on patients will have to be informed about this alternative to standard implantation and augmentation techniques. Per definition, all implants shorter than 6 mm are Ultra-Short Implants.

On Saturday, 18 June, the international congress was held at the Theatro Ferrera (established in 1798). Speakers of the 1st European Forum on Ultra-Short Implants highlighted that Bicon Ultra-Short Implants posed a genuine alternative to standard implantology and augmentation, featuring a unique geometry and thus prompting a special surgical conduct. This was illustrated by Dr Rainer Urdenta’s speech on bone remineralisation after implant restoration by Ultra-Short Implants.

The congress weekend proved a thrilling and diversified event which showed that, sometimes, less length can be more. Ultimately, this is good news for all patients who are going to be spared invasive surgical procedures in the future.

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