Practice makes perfect

The Dynamic Navigation Society

The Dynamic Navigation Society is the new educational division of ClaroNav, who are among the leaders in surgical navigation solutions. Interested dental clinicians can attend Navident training sessions and hands-on courses. “The Society has been designed to expand knowledge and introduce real innovation by creating a collaborative environment for learning and shared experience around the world,” explains Luca Casalena, Regional Manager for ClaroNav. “The Society organises high-quality courses all over Europe, Canada and soon the United States and Asia,” states Tom Tilmans, Sales Director EMEA for ClaroNav. Initial courses will be offered in Rome, Ghent, Amsterdam, Sofia, Stockholm, London, Marseille and Toronto. Navident courses are offered in a variety of formats to accommodate any schedule, incorporating education on demo models and live surgery. “First feedback has been extremely positive, as clinicians discover the way from a great treatment plan to an excellent surgical outcome,” added Tilmans. The Society also certifies a number of third-party educational courses. For more information, please contact info@claronav.com.

Source: ClaroNav Inc.

The comprehensive dental system

Alpha-Bio Tec presents its newly-developed NeO dental implant system. NeO presents a range of advanced design features, including a unique coronal cutting flute, innovative shape of variable threads combined with two micro threads and a patent-pending centering feature of the apical part. The implant’s distinct clinical benefits are: high and firm primary engagement, high primary stability in complex cases, and reduced pressure on the cortical plate, easy penetration and long-term aesthetic results. With primary-stability enhancers matched with bone stress reduction elements, NeO is powerful and, yet, remarkably gentle to the bone. NeO includes two smart choice platforms: a narrow Conical Hex Connection (CHC) for Ø 3.2 mm and Ø 3.5 mm and a standard Internal Hex Connection (IH) for Ø 3.75 mm, Ø 4.2 mm and Ø 5 mm, both ideal for a wide variety of clinical indications. “Alpha-Bio Tec has once again gone one step further by developing the next sensation in implantology: the NeO implant system. As always, our innovative product guarantees state-of-the-art technology, reliability, simplicity and fair pricing. I truly believe that NeO will be the next sensation and I invite you to be a part of this success,” said Mr. Yuval Grimberg, General Manager, Alpha-Bio Tec. For more information, visit the website at: www.alpha-bio.net.

Source: Alpha-Bio Tec.

International dental industry meets at Japan Dental Show

At the invitation of the Japan Dental Trade Association, the Tokyo Dental Association and the Tokyo Dental Hygienists’ Association, the international dental industry met at Tokyo Big Sight. Over 190 local and international manufacturers and dealers assembled at Tokyo’s international exhibition centre to celebrate new paradigms in dental medicine now and in the future. Among the many exhibiting companies presenting their products and services to 30,000 attendees were Asahi Roentgen, Dentsply Sirona, GC, Ivoclar Vivadent, KaVo Kerr Group, Kuraray Noritake Dental, LION, Mokuda, Morita, Nishika, NSK, Planmeca, Osada, SHOFU, Sunstar, Takara Belmont, Tokuyama Dental, Tokyo Giken and Yoshida.

Source: Alpha-Bio Tec.
How to make
Ceramic-based dental implants truly biocompatible

Treating your ceramic-based implants with SurfLink® results in a nano-meter thin layer of phosphorous-rich molecules, which is perceived as bone-like by the body. It is the first product to permanently create bone fixation on ceramic implants. SurfLink® is the exclusively chosen surface treatment by MIS Implants Technologies for their Titanium implants. Ceramic material treated with SurfLink® in vitro and in vivo showed a promotion of bone cell proliferation and in biofilm tests a substantial reduction in biofilm adhesion to the surface was observed.

SurfLink® characteristics
Hydrophilicity: SurfLink® is inherently hydrophilic. This enables quick cell adhesion and fast bone matrix formation.
Osteoconductivity: SurfLink® increased new bone formation (+ 44 %) as early as two weeks after implantation in a sheep study.
Implant fixation: after only two weeks, SurfLink® showed a 32 % increased implant fixation compared to the control.
Chemical bonding: Torque testing after 52 weeks in sheep showed that bone fixation to the treated implant surface is stronger than bone, leaving a thin layer of mineralised bone on the implant surface.
In addition, the production of SurfLink® treated implants has been validated. Very little, if any, extra equipment is necessary for most manufacturers. No specially trained personnel are needed and all standard logistics can be used. SurfLink® is now available to a select number of ceramic dental implant manufacturers via a license and supply agreement.

Source: www.nbmolecules.com

Shortest Implants – Longest History.

Think Short!

According to the 11th European Consensus Conference (EuCC) 2016 in Cologne, provided the specific treatment parameters are observed, the use of short, angulated or diameter-reduced implants in sites with reduced bone volume can be a reliable treatment option, given the risks associated with the use of standard-dimension implants in combination with augmentation procedures.

More info:
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Popular sizes: 3x6, 3x8, 3.5x8, 4x5, 4x6, 4x8, 4x11, 4.5x6, 4.5x8, 5x5, 5x6, 5x8, 6x5, 6x6, 6x8 mm