OSTEOBIOL GTO: A NEW STEP TOWARDS EXCELLENCE IN BIOMATERIALS

At the beginning of this year, Tecnoss Dental, a leading biomaterials manufacturer based in Italy, launched a new bone substitute capable of promoting the three biologics of the ideal biomaterial for bone regeneration: new bone apposition, angiogenesis and progressive resorption of the scaffolding material, in order to promote adequate new bone formation. Tecnoss has showcased GTO at this year’s EAO congress.

GTO is a dual-phase biomaterial, because its granules contain both mineral and organic components. The preservation of collagen within the original xenogenic cortical and cancellous bone matrix induces a physiological biological response by the patient’s bone tissue. Collagen regeneration: new bone apposition, neo-angiogenesis and progressive resorption of the scaffolding material, in order to promote adequate new bone formation. Tecnoss is showcasing GTO at this year’s EAO congress.

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ACTEON Imaging Suite precision software, which is compatible with both Windows and macOS operating systems, the unit provides advanced functionality. Intuitive image handling makes it easy to work with very small spaces. However, the integrity of X-Mind prime does not end there! With its intelligent wall-mounted system, the unit adapts easily to all office space configurations.

The development of GTO is the last step of the process of continuous improvement by Tecnoss, starting with Apatos Cortical, a very osteoconductive but slowly resorbed scaffolding biomaterial. The first real breakthrough innovation has been Gen-Os, which is the precursor of all the dual-phase products. The outstanding osteoBiol mp3 then followed as the first pre-hydrated bone substitute, packed in a ready-to-use syringe. In 2016, OsteoBiol TSV Gel, the thermostensitive viscosity resorbable gel which is used to create a sticky bone mix with Gen-Os, was launched. GTO combines all of the company’s experience and expertise in a unique product which is extremely versatile and achieves outstanding biological performance. GTO has an ideal viscosity, which means that it is very sticky and easily adaptable to the recipient site, making it a great option for treating various types of complex bone lesions. Its syringe formulation means that it is ready to use and is directly injectable into bone defects, making its handling easy and quick. GTO has been conceived as a universal biomaterial for use with OsteoBiol Evolution membranes or Lamina to protect the graft. Its stiffness and stability are useful properties for horizontal augmentation procedures (e.g. two-wall defects, where the crest is restored) and for socket preservation cases with compromised buccal plates. During sinus lifting, GTO can be applied directly through the bony window, helping to stabilise the implant in case of immediate placement. GTO can also be successfully used to treat peri-implant lesions, dehiscence and severe intra-bony defects.

The product is already available in all EU countries and in other European markets where the OsteoBiol product line is distributed. For further information, visit www.osteobiol.com/contact.

ACTEON, France
www.acteongroup.com
Hall 1, Booth H03–H05

OSTEOBIOL GTO: A NEW STEP TOWARDS EXCELLENCE IN BIOMATERIALS

At the beginning of this year, Tecnoss Dental, a leading biomaterials manufacturer based in Italy, launched a new bone substitute which combines innovative and advanced biotechnology, providing implantologists and periodontists with advanced biotechnology, providing implantologists and periodontists with
temporary and compact system that can fit into any dental office. ACTEON is showcasing its new product at EAO 2019.

X-Mind prime is a complete solution that combines 2D and 3D technologies. Using a single sensor, practitioners can quickly and easily switch between modes. With these features, X-Mind prime offers a wide range of possible examinations, 24 options for panoramic and 32 for CBCT, covering many clinical applications, including implantology, endodontics, and temporomandibular joint and sinus imaging. Practitioners can also scan 3D objects such as plaster models and silicone impressions, opening up new possibilities.

Hence, all dental practices can now offer their patients 3D imaging and expand their clinical applications with this solution. There are just a few of the possibilities that X-Mind prime offers. Furthermore, when equipped with the

ACTEON Imaging Suite precision software, which is compatible with both Windows and macOS operating systems, the unit provides advanced functionality. Intuitive image handling makes it easy to work with very small spaces. However, the integrity of X-Mind prime does not end there! With its intelligent wall-mounted system, the unit adapts easily to all office space configurations. Using X-Mind prime provides true comfort to practitioners in their daily practice. The unit is also remarkably easy to use: the patient is positioned face to face with the practitioner while in operation, and the simplified control panel located under the chin support allows simple and accurate handling. Automatic chin support recognition, based on the type of operation selected, allows error-free patient positioning. This represents significant time-saving.

Acquiring X-Mind prime is more than just buying a device. ACTEON believes the quality of its customer service is every bit as important as the quality of its products. The group provides personalised support based on each practitioner’s needs and specific situation. A pioneer in the manufacturing of innovative and less invasive dental imaging solutions, ACTEON is expanding its panoramic and CBCT product line with X-Mind prime. The device is an all-in-one solution that integrates 2D and 3D imaging and combines all of the group’s high-tech expertise with its service quality.

Attendees of EAO 2019 are invited to discover the new X-Mind prime 3D at ACTEON’s booth.
The INVERTA implant represents the latest breakthrough technology from Southern Implants and is designed for optimizing aesthetics in maxillary anterior extraction socket sites. At EAO 2019, the company is showcasing its newest product. The INVERTA implant features a novel Body-Shift design that addresses challenges many clinicians face with immediate anterior implant procedures. The innovative design of the inverted coronal segment of the implant allows for a chamber for bone growth to be created, thereby enhancing the ability to obtain natural-looking aesthetics. The wider apical portion allows the implant to achieve the primary stability critical in immediate placement.

INVERTA also incorporates proven features from Southern Implants’ other implant product lines, such as its SInergy Surface with decades of clinical research and high-strength Grade 4 pure titanium, which provides exceptional fatigue strength. The new implant is available with the popular deep conical internal and external hex connections.

For treatment flexibility, INVERTA is available in a straight configuration and 12° Co-Axis, the latter offering built-in Subcrestal Angle Correction without using angled abutments, resulting in greater facial soft-tissue volume and providing ideal screw-retained restorative options.

Dr Pär-Olov Östman, a respected opinion leader who practices in Falun, Sweden, commented on the innovative implant design: “To be able to use INVERTA implants in aesthetically challenging cases gives me a predictable outcome with limited buccal recession and healthy soft tissue.”

The following clinical research articles on INVERTA have been published and more articles are expected to be released throughout 2019 and beyond:


For more information during EAO 2019, please visit the company’s booth.
Similarly to the way in which a GPS system guides a driver, Navident by ClaroNav guides clinicians by using the CBCT image as a map. It offers surgeons an easy-to-use, accurate, highly portable and affordable means of planning restorations and implant placements.

With Navident 2, clinicians will no longer need to do a special extra scan. They can use the diagnostic scan already available for the patient. The stress of stent making is also gone because a stent is no longer required. Trace and Place (TaP) is a game-changing development for dynamic navigation. With TaP, the Navident workflow is streamlined, efficient, user-friendly and seamlessly integrated into the daily practice.

“Trace and Place is a real tipping point for dynamic navigation guidance,” said user Dr George Mandela-rich, a periodontist from Chicago in the US. “It has streamlined and simplified the workflow in both the diagnostic and surgical phases to allow state-of-the-art technology to be an everyday component of my surgical implant practice. I cannot imagine going back!”

Implantology specialists who have used Navident 2.0 experienced negligible operator stress, improved time efficiency and an increase in patient acceptance. The accuracy offered by the new version, combined with the need for minimal tissue manipulation, is conducive to a shorter and better recovery process for patients, according to the company.

Clinicians are invited to learn from masters and interact with their peers at ClaroNav’s booth at this year’s EAO meeting.