In 2014 the Straumann® Dental Implant System offers more value for dental clinicians and patients. Our product range focuses on the groundbreaking Roxolid® material, which is specifically designed for the use in dental implantology. Outstanding biological and mechanical properties allow Roxolid® Implants to offer more treatment options than conventional titanium implants.

More treatment options with smaller implants: the reduced-diameter Roxolid® Implants with the hydrophilic SLActive® surface and higher strength revolutionized the market in 2009. At the EAO 2013 Straumann launched a new range of sizes of Roxolid® SL-

Nobel Biocare launches its latest innovation, creos xeno.protect, beginning in the European markets. This new collagen membrane will be part of a larger regenerative product line under the brand name “creos”. Additional products will follow this year.

“...creos xeno.protect...”

Clinical studies and early results from clinicians after an extensive prelaunch period confirm it possesses optimal handling qualities, maintains its size when hydrated and is very tear-resistant. The optimal fit can be found without extensive trimming which limits waste and minimizes costs for both clinicians and patients. The creos xeno.protect membrane has an extended barrier function that does not compromise on the established high industry standards for biocompatibility or vascularization behavior. As it is produced without any chemical crosslinking, creos xeno.protect offers high tissue compatibility for fast and predictable healing.

1 Clinical studies, product information and first-user feedback are available at creos.com/xeno-protect.
Planmeca, the Finnish dental equipment manufacturers, have developed the Ultra-Low Dose Mode.

The lowest effective radiation level to which a patient is exposed is just 14.4 µSv for a 3-D image of the entire skull. All Planmeca ProMax 3-D units enable CBCT imaging with a lower radiation dose than conventional 2-D panorama X-ray technology.

The cutting-edge Ultra-Low Dose protocol is based on Planmeca’s own intelligent 3-D algorithm, providing detailed anatomic information despite the minimal radiation level.

“We measure the radiation dosage of the ProMax units according to the effective dose measurement protocol described by Ludlow et al. The effective dose is calculated in accordance with the revised guidelines issued by the International Commission on Radiological Protection (ICRP 103),” explains Juha Koivisto, a physicist employed in Planmeca’s Research & Development department.

The Ultra-Low Dose Mode is of invaluable assistance in pre-operative planning, monitoring the treatment and locating impacted or displaced teeth. In addition to facilitating the definition of facial asymmetry and cephalometric reference points, it even supports informative sinus imaging or the measuring of the respiratory tract in diagnostics.

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DENTSPLY Implants designs and produces patient-specific abutments and implant suprastructures. These original CAD/CAM restorations are compatible with all major implant systems while offering perfect fit to each patient’s oral anatomy. Quality, price as well as prompt delivery save time and resources. Dr. James G. Hannoosh, who was involved in the development of the ATLANTIS™ abutment concept from day one, is convinced of the systems advantages: “The patient-specific implant prostheses offer a high economic benefit whilst at the same time achieving a very high level of patient satisfaction, both reasons why today, ATLANTIS™ acts as market leader with more than one million abutments sold.”

ATLANTIS™ abutments are available for both cement-retained and single-tooth screw-retained restorations for all major implant systems. Using the patented VAD™ software (Virtual Abutment Design), the patient-specific CAD/CAM-abutment is designed based on the final tooth shape.

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