

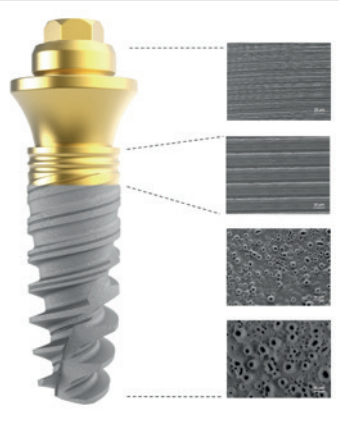
The World's Dental Marketplace

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WELCOME TO THE MUCOINTEGRATION ERA: NOBEL BIOCARE LAUNCHES XEAL AND TIULTRA



■ Surface science is taking tissue integration solutions to the next level. In fact, it takes tissue integration to every level. Nobel Biocare introduces the Xeal abutment surface and TiUltra implant surface, derived from decades of applied anodisation expertise. From abutment to implant apex, surface chemistry and topography have been reimagined to optimise tissue integration at every level. Going beyond the mastery of osseointegration alone, Nobel Biocare has entered the Mucointegration era.

Xeal: The pioneering Mucointegration surface

Dense soft-tissue contact with an abutment can act as a barrier to protect the underlying bone and is the basis for long-term tissue health and stability. Xeal is a pioneering surface for soft-tissue integration that demonstrates a statistically significant increase in soft-tissue height compared with machined abutments. A smooth, non-porous, nanostructured and anodised surface, Xeal possesses surface chemistry and topography that are specially designed to promote soft-tissue attachment.

TiUltra: More than roughness

When it comes to osseointegration, treatment success with implants that have a moderately rough anodised surface is well proven. Now, Nobel Biocare's extensive expertise in anodisation technology has led to the creation of TiUltra, an ultra-hydrophilic, multi-zone implant surface that goes beyond roughness alone—it grasps the power of chemistry too.

TiUltra's precisely tailored surface chemistry is achieved by anodising the surface with a specific electrolytic solution. This solution enhances the chemical composition of the oxide layer to positively influence the interaction between surface and proteins.

For ideal integration and long-term tissue stability, different tissues demand different surfaces. To meet this need, TiUltra's topography changes gradually from a minimally rough, non-porous and nanostructured collar to a moderately rough and porous apex. Fundamentally, it respects the natural transition from hard, dense cortical bone to spongy, porous cancellous bone to achieve the ultimate goal of both early osseointegration and long-term bone stability.

Pristine surface from production to placement

The pristine surface chemistry and hydrophilicity of Xeal and TiUltra, achieved with Nobel Biocare's extensive expertise in implant surfaces, are preserved throughout shelf life by a protective layer, which dissolves when in contact with any liquid, such as blood. This layer ensures that the quality of the

implant and abutment surfaces is maintained from production to placement for the ultimate benefit of the patient.

Surface science matters

Nobel Biocare makes no compromise in maintaining an unshakeable focus on deep science behind new solutions. Building on a foundation of nearly two decades of research supporting the success of anodised-surface implants, rigorous science and testing have been key driving forces behind the creation of Xeal and TiUltra, on a fundamental mission towards long-term treatment success. For new Nobel Biocare solutions, it is scientific scrutiny that really counts.

For an in-depth insight into the evidence supporting Xeal and TiUltra, a dedicated Clinical Implant Dentistry and Related Research supplement will provide a compelling story covering design and in vitro characterisation, behaviour in animal studies, and most notably, the premarket clinical study.

The new Xeal surface is available for the On1 Base and the Multi-unit Abutment. TiUltra is available on Nobel Biocare's best-selling NobelActive and NobelParallel Conical Connection implants. ◀

Nobel Biocare, Switzerland
www.nobelbiocare.com
Hall 10.1
Booth H020-J029

ABSCHLUSSDESINFEKTION MIT BC-SAN 100 VON ALPRO MEDICAL FINAL DISINFECTION WITH BC-SAN 100 FROM ALPRO MEDICAL

■ Das Produkt „BC-San 100“ der deutschen Firma ALPRO MEDICAL GmbH aus St. Georgen ist eine gebrauchsfertige Lösung zur Abschluss-

flaschen (1-1,5l) in unabhängigen Betriebswasserversorgungssystemen, wie beispielsweise dem „ALPRO-BCS“ Bottle Care System. „BC-San 100“ be-

■ BC-San 100 from Germany-based company ALPRO MEDICAL in St Georgen is a ready-to-use solution for the final disinfection of surfaces of medical devices, such as light guides of intraoral scanners. Moreover, it is perfect for the processing of dispenser boxes for wipes and in a 10 per cent watery dilution for the disinfection of pressure bottles (1-1.5l) in stand-alone procedural water supply systems such as the ALPRO-BCS (bottle care system). BC-San 100 stands out with its comprehensive and efficient viricidal capacities. Further information can be acquired at www.alpro-medical.de or by phone at +49 7725 9392-0. At IDS 2019, feel free to visit us in Hall 11.2 at Booth M010-N011. ◀



desinfektion der Oberflächen von Medizinprodukten, wie etwa Lichtleitern von Polymerisationslampen oder Köpfen von Intraoralkameras/-scannern. Zudem eignet es sich gut zur Aufbereitung von Tuchspenderboxen und in 10%iger wässriger Verdünnung zur Desinfektion von Druck-

sticht durch seine umfassende und effiziente viruzide Wirksamkeit. Informieren Sie sich einfach unter www.alpro-medical.de oder sprechen Sie uns direkt an unter Tel.: 07725 9392-0. Auf der IDS 2019 finden Sie die ALPRO MEDICAL GmbH in Halle 11.2 an Stand M010-N011. ◀

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