

Manufacturer News

Omnia

Simple Management of the Operating Field with Dental Implant Procedure Sets by Omnia

Medical devices with widely divergent functions and applications are used during implant surgery. Diligent, rigorous and correct preparation of the surgical environment, according to a fixed procedure, is



an essential element of success. Choosing, checking, preparing and ensuring the availability of the products necessary for the surgical procedure is an important task requiring a lot of time on the part of the professionals working in the operating theatre. To fully meet their requirements, Omnia has devel-

oped an innovative and effective solution: its Procedure Sets, consisting of smartly selected devices normally used for the preparation of operating theatres in a single surgical pack. On the basis of extensive experience and diligent collaboration with internationally renowned dental surgeons, Omnia has developed two lines of procedure sets: Standard Sets and Personalized Sets. Standard Sets contain an ample choice of devices pre-selected by Omnia product specialists, ranging from the simplest sets of textiles for operators and patients to more complete sets for complex implant and other oral-surgery procedures. These sets include everything necessary to prepare an operating theatre for these interventions: fabrics with self-adhesive appliqué, sheets to keep moisture away from the patient's skin, barrier sleeves, adhesive films for keyboards and physiodispensers, patient disinfection kits, Mayo-table pillowcases and operator gowns. Personalized Sets are compiled directly on the basis of the specific requirements and needs of surgical teams. This helps improve quality and simplifies the management of the operating field by optimizing each preparatory step, saving time and management cost—often not so evident to professionals. Moreover, set personalization includes the

name of surgical team printed on each product. Sterilized sets furnish all the information required by European regulations on the traceability of medical devices—date and production lot as well as the expiry date are displayed on removable labels that facilitate recording the data related to the products used for each patient. Traceability means that a product can be reliably followed through all the phases of its useful life, from the manufacturing process to the final use on the patient, by recording the relevant data correctly and durably. Personalized Procedure Sets are meant to improve operating theatre efficiency by significantly reducing preparation times and workloads, contributing to improved performance and treatment quality. Advantages of procedure sets include: guaranteed preparation results for each procedure, availability of disposable medical devices in a handy sterilized pack and a reduced risk of infections. Moreover, fewer manipulations imply a lower contamination risk, reduced preparation times, the effective and efficient management of emergencies, better patient care—and optimized resource management and traceable set components.

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Nobel Biocare

Nobel Biocare launches new dental implant—NobelActive™ — with an advanced design

Nobel Biocare announced today the worldwide launch of its new, innovative implant, NobelActive. Designed together and tested by experienced clinicians, NobelActive will expand the possibility for implant treatment therapy to more dental patients. With its unique tip and double-variable thread design, NobelActive condenses bone during insertion unlike conventional self-tapping implants. This bone-condensing capability delivers high initial implant stability, even in compromised bone situations, and can eliminate the need for time-consuming and unpleasant implant procedures for patients, such as bone-grafting.

The bone-condensing property and apical drilling blades also allow the experienced user to “actively” change direction during insertion to gain optimal orientation of the prosthetic connection, thereby facilitating the esthetic restoration process. The unique dual-function conical prosthetic connection, with hexagonal interlocking, supports a wide range of prosthetic options, including individually designed Procera® abutments and Procera® Implant Bridges Zirconia and Titanium. As with all Nobel Biocare products and solutions, NobelActive has undergone intensive mechanical and clinical testing:



- Mechanical testing has validated that NobelActive possesses the strength to withstand the rigors of occlusal loads.
- Nobel Biocare is currently running three consecutive prospective multi-center studies involving 19 centers, more than 300 patients, and more than 300 NobelActive implants. One-year results support the effectiveness of NobelActive.
- Prior to this launch, Nobel Biocare subjected NobelActive to an eight-month, intensive worldwide pre-launch with 2,000 experienced clinicians, with positive response from doctors involved.

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