

Manufacturer News

Nobel Biocare

NobelRondo™: The creative circle is now even more creative

Nobel Biocare has added to its superior line of porcelain esthetics with the release of NobelRondo Press. NobelRondo Press is an incredibly versatile porcelain solution that can be pressed onto Pro-cera® Abutments, Crowns and Bridges in alumina and zirconia, as well as Pro-cera Laminates in alumina. NobelRondo Press can also be used in a Solo™ technique for individual inlay, onlay, overlay and veneer applications.

NobelRondo Press porcelain is easily applied and



highly suited for the initial build-up of permanent esthetic solutions. The complete assortment for NobelRondo Press consists of Standard and Professional series kits in both zirconia and alumina. The

complete NobelRondo creative circle features:

- One of the strongest porcelains available (120 MPa)
- Non-abrasive porcelain that can be highly polished chairside
- High-level esthetic results from a unique layering technique
- Useable in all indications
- Standard, professional and premium level assortments
- Easy ergonomics

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Bego

The BEGO SEMADOS®-RI Implant System

15 years' experience with internal connections and 10 years' experience with compression thread designs have been combined in a new implant. BEGO Implant Systems has started the market introduction of its new implant system SEMADOS RI, developed in collaboration with Dr Dr Roland Streckbein from Limburg.

The Semados-RI Implant System is intended for practitioners who expect an implant system to provide the highest degree of functionality, reliability and economy. The new implant system consists of root-shaped implants in four sizes (3.75 to 5.5 mm) and in lengths from 8 to 15 mm. The new implant is designed to achieve especially good results with D3 and D4 bone qualities. It can, nevertheless, be used equally well for D1 and D2 bone qualities, in which case the bone cavity is prepared with an ablative screw tapper.

The implant has a completely new, patented thread design. The use of suitable drills and bone-condensing thread formers in combination with the special outer structure of the implant creates a defined compression in the implant bed, and therefore promotes excellent primary stability.

Furthermore, the microthread in the neck region of the implant significantly



reduces stress in the crestal bone layers. In addition, the polished implant shoulder reduces the accumulation of bacteria and plaque at the transition between bone and soft tissue. Irritation-free mucosal apposition is accompanied by a substantial minimisation of marginal bone resorption. The implant-prosthesis interface is unchanged to the interface incorporated in the BEGO Semados® S-line.

The BEGO Semados-RI implant surgery protocol involves no more than five tools to safely prepare the cavity for implantation. The new surgery tray features a modular configuration, and when fully equipped contains all the system instruments necessary for both treating patients with Semados-S and -RI implants.

For the Semados implant systems, BEGO offers its patented Easy Handling placement system. This allows the implant to be removed from its sterile packaging in just a single action, thus avoiding unnecessary contamination of the implant caused by handling during unpacking.

The implant-prosthesis connecting interface consists of a combination of internal hex and internal taper, as with the BEGO Semados-S implant. The hex, which acts as integrated anti-rotation protection and a means of locating tools, displays the lowest degree of geometrically defined rotational play compared to octagonal or polygonal systems. The taper in the Semados implant systems "S" and "RI" is created with 90°, and gives the practitioner a 45° range of angulation for two or more implants in relation to each other.

The Semados implant-prosthesis interface is regarded as one of the most bacteria-proof, as confirmed by various studies. Simple platform switching helps to reduce marginal bone resorption. The sand-blasted and etched surface is designed for good deposition of endogenous proteins, leading to very good bone coverage values during osseointegration.

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