One Step Hybrid
The Definitive Solution For The Immediate Loading Of A Full Arch Prosthesis
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My self esteem has improved and my friends tell me that I am like a new person after the surgery. I feel younger and healthier. Now I need to follow the proper home care routine to maintain my new smile.

E.L., 51 years old*

* The identity of the patient has been changed to protect their privacy.
One Step Hybrid

» Unique protocol for a hybrid prosthesis providing a passive fit
» Possibility to use multiple implants using straight or angled abutments 17° & 30°
Multiple Advantages, One Single Treatment

Titamax EX Implants

- Designed for type III and IV bone
- Expander apex designed to facilitate placement and under preparation of the osteotomy
- Scientifically validated for immediate-loading procedures

Morse Taper (CM) Connection

- 5.75° Morse Taper
- Minimum platform switch of 0.35mm
- Designed to reduce the occurrence of micro-movement
- Designed for optimal preservation of crestal bone and soft tissue
- 17° - and 30° - angled abutments are available
Titamax Implants
» Designed for type I and II bone
» V-shaped thread designed to obtain primary stability
» New apex design providing excellent cutting power
» Scientifically validated for immediate loading procedures 3, 4, 5 and 6

Passive Adjustment Coping
» Copings designed to give excellent passive adjustment between the abutment and the cast framework
» The framework can be unscrewed, ensuring minimal micro-movement
» Excellent fit, comparable to frameworks made using CAD/CAM

Specially Designed Apex
Surgical And Restorative Procedure In The Clinic:

Fig 1. Once the flap has been opened, it is very important to prepare the crest of the alveolar ridge before placing the implants.

Fig 2. Before commencing drilling, we recommend using the 7 mm surgical marker to ensure that the distal implants are positioned at the correct distance from the mental foramen.

Fig 3. It is recommended that five implants be placed in the mandible and six implants in the maxilla for this protocol.

Fig 4. Once the implants have been placed, the CM Mini Conical Abutments can be fitted.

Fig 5. Multifunctional Impression Copings (108.068) are placed on the CM Mini Conical Abutments and are joined together using acrylic resin.

Fig 6. Take the intermaxillary relationship with the multi-purpose guide in the mouth and take the impression using silicone fluid, which gives a precise registration of the soft tissue.

Fig 7. Remove the multipurpose guide and fit the CM Mini Conical Abutment analogs over the registration transfers.

Fig 8. Fit the protective copings over the CM Mini Conical Abutments.

Fig 9. Once the laboratory phase is completed, the protective cylinders are removed and the final prosthesis is fitted into place.

Fig 10. Final x-ray image.
Laboratory Procedure

Fig 1. The laboratory should receive the previously prepared multi-purpose guide together with the antagonist prosthesis.

Fig 2. The analogs are screwed into the impression copings previously fixed to the multi-purpose guide for making a new working model.

Fig 3. Use of the multipurpose guide for making the working model.

Fig 4. Once the model has been made, the brass copings should be screwed to the analogs and, over these, the castable copings using the working screws.

Fig 5. Carry out the framework wax-up. We recommend creating metal bolts and spheres for better retention of the future metal framework.

Fig 6. While the casting of the metal framework is carried out, the brass copings should remain in the model.

Fig 7. Application of the acrylic resin over the cast framework.

Fig 8. Once the framework has been made, the brass copings are removed and the titanium copings are fitted over the abutment analogs in the model. The framework should adapt passively although it may be necessary to revise the internal part of the framework.

Fig 9. Cement the titanium copings to the cast framework. We recommend covering the titanium coping retention screws with wax or teflon. For cementing the framework, we recommend the use of a self-curing cement (e.g. Panavia®, Kuraray Med. Tokyo-Japan Inc.).
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- Greater convenience for the patient, offering an immediate final solution without the need for a provisional prosthesis;
- Lower costs for both you and your patient;
- Great predictability with a proven 98.9% success rate.1


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