The structures are made from different materials, Ti, Cr-Co, PMMA, fibreglass, etc., in 5-axis milling machines and with BTI’s original geometries, which guarantees a high-precision passive fit in structures with up to 14 teeth.

**INTRAORAL SYSTEM**

It allows us to scan our scan bodies through digital impression and visualize in 3D the implant position, without the traditional impression.

**NEW SCAN BODIES MODELS**

For the digitisation of the model, BTI offers a range of scan bodies that enables a high precision transfer of the implants position to the CAD software.

*Compatible with the Exocad, 3shape, Dental Wings systems.*
IMPROVED AESTHETIC FINISH

1. CHANGING THE EMERGENCE ANGULATION

Our CAD technology allows us to internally angle the structure between 0-30°.

*Anatomical structure for ceramic from Cr-Co with correction of angulation at 30°*

ANGULATION OF THE CONNECTIONS

The use of BTI’s own design small-headed screws with Ti Black (a specific surface treatment) facilitates the securing of the prosthesis that we have angled, with a preload similar to gold.

HEXAGONAL SCREWS

WITH SMALL HEAD FOR ANGULATION CHANGE

*The TTMIR screw for Multi-Im® with the smallest head on the market for CAD/CAM structures.*

2. Ti GOLDEN® SUPERFICIAL TREATMENTS

The machined structures in our CAD/CAM Lab can now have a specific surface treatment, Ti GOLDEN®, added to them, which gives biological and aesthetic advantages to the restoration.
ABUTMENTS

Our laboratory recommends the use of MULTI-IM® and UNIT abutments for all types of screw-retained prostheses, especially in the case of immediate loading.

Rehearsal carried out by BTI’s R&D department demonstrates that these abutments achieve excellent hermetic seal between the component and the implant with only 35 Ncm of torque, avoiding filtration and the accumulation of bacterial plaque.

ADVANTAGES OF USING ABUTMENTS

- Hermetic seal
- Easier to make impressions
- Easier passive fit
- Respects the biological space
- Allows you to resolve angulations up to 30°

MULTI IM® ABUTMENT

The abutment of choice for multiple screw-retained prostheses.

UNIT ABUTMENT

The abutment of choice for a single screw-retained prosthesis.

The connection with the implant is with the corresponding tetra-lobed figure. At the top it is square, with no sharp edges, into which the rest of the components fit.

COMPATIBLE ABUTMENTS

These are a range of abutments that are screwed into the implants of other systems of the market, converting them into a MULTI-IM®, for restoration as such. Suitable for multiple screw-retained restorations in patients with implants of different systems.
3D PRINTING TASKS

- Upper and lower model with socket
- Upper and lower model without socket
- Removable gums
- Model with stumps

MATERIALS

- PEEK
- Multilayer PMMA
- Cobalt chrome
- Titanium
- Zirconium
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