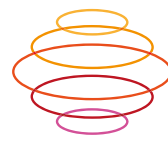


BIO CAD/CAM SYSTEM



HTL
CAD/CAM-Lab

Dental Prosthetic Lab





BIO CAD/CAM SYSTEM

COLD-MACHINED STRUCTURES

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.**

WE HELP OUR CLIENTS, USERS OF ANY IMPLANT SYSTEM, TO ACHIEVE THEIR OBJECTIVE: **WE DESIGN STRUCTURES ADAPTED TO YOUR NEEDS**

INTRAORAL SYSTEM

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



WE KEEP OUR **CONNECTION LIBRARY** CONTINUOUSLY UPDATED.



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 ANGLATION

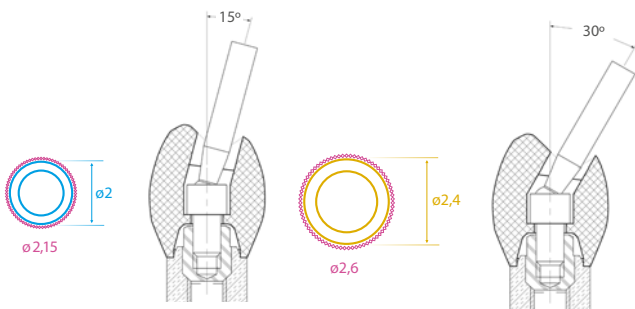
Our CAD technology allows us to internally angle the structure between 0-30°.

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 ANGLATION CHANGE

direct to implant

for MULTI-IM®



The TTMIR screw for MULTI-IM® with the smallest head on the market for CAD/CAM structures.

2. Ti-Golden® SUPERFICIAL TREATMENT

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.

MULTI-IM®



MULTI IM® ABUTMENT

The abutment of choice for multiple screw-retained prostheses.

UNIT®



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.

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°

3D PRINTING TASKS



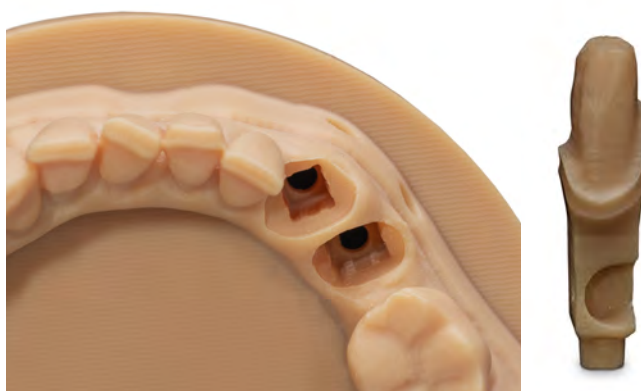
Upper and lower model with socket



Upper and lower model without socket



Removable gums



Model with stumps

MATERIALS



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



HTL CAD CAM
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