

# LINE OF BTI IMPLANTS

Externa®  
Interna®



**bti.**

Human  
Technology



# CONNECTIONS



The four-lobed **Internal connection** (six-lobed for 3.0 platform) features an absence of protruding edges, which avoids fatigue points. This geometry allows a good load distribution (axial, lateral and torsional) and reduces the risk of plastic deformation during the insertion and de-insertion of the implant. This type of connection also **facilitates the insertion of the prosthodontic components**.

The **external connection** is a hexagon that has different sizes and heights depending on the platform, and are therefore consistent with the biomechanical requirement of each of them.

# UNICCA® SURFACE



The **UnicCa® surface** is a chemical modification with calcium ions over its triple roughness

## ROUGHNESS 1 · NECK

UnicCa® surface in the coronal area presents an attenuated roughness that enhances marginal tissue retention and reduces bacterial colonization.

## ROUGHNESS 2 · THREADS

UnicCa® surface presents a specific porosity on the threads that allows bone anchorage, enhancing primary stability and improving osseointegration.

## ROUGHNESS 3 · VALLEYS

UnicCa® surface presents an ideal medium roughness on the valleys that guides bone growth between the threads and at the same time maintains the implant's mechanical properties.



## BENEFITS

### ELECTROPOSITIVE AND CLEAN

**Maintains the superhydrophilic properties.**

### OSTEOGENIC

**Induces the formation of bone tissue.**

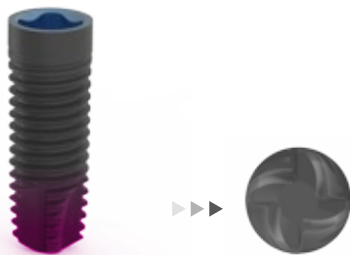
### PERI - IMPLANT BONE STABILITY PROMOTER

**Reduces implant failure.**

### MINIMIZES BACTERIAL ADHESION (in vitro studies)\*

[\*] Eduardo Anitua, Ricardo Tejero, Miguel Angel Pacha-Olivenza, Maria Coronada Fernandez-Calderon, Maria Delgado-Rastrollo, Mari Mar Zalduendo; Wiley Online Library 2017 Jan. DOI: 10.1002/jbm.b.33860

# Apex



1. Conventional **TAPERED APEX** with great advance capacity, large osseointegration surface and little compression.



2. **CYLINDRICAL APEX** with a lower advance/drive capacity and a large apical surface adapted to achieve primary stability without compressing important anatomical structures (maxillary sinus and dental nerve)

3.0 platform

3.0 mm. Ø



**Diameter 2.5 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 |

**Diameter 3.0 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 |

**Diameter 3.3 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 |

Narrow platform

3.5 mm. Ø



**Diameter 3.3 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3.5 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3.75 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

Universal platform

4.1 mm. Ø



**Diameter 3.3 mm.**

Length (mm.) | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3.5 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3.75 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 4.0 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 4.25 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

Universal Plus platform

4.1 mm. Ø



**Diameter 4.5 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 5 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 5.5 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 |

Wide platform

5.5 mm. Ø



**Diameter 5.5 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 6 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 |

**Diameter 6.25 mm.**

Length (mm.) | 5.5 | 6.5 | 7.5 | 8.5 |

# EXTERNA<sup>®</sup>

CONNECTION

Tiny<sup>®</sup> implant  
Narrow platform

3.5 mm. Ø



**Diameter 2.5 mm.**

Length | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3 mm.**

Length (mm.) | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3.3 mm.**

Length (mm.) | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3.5 mm.**

Length (mm.) | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 3.75 mm.**

Length (mm.) | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

Universal platform

4.1 mm. Ø



**Diameter 3.75 mm.**

Length (mm.) | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 4 mm.**

Length (mm.) | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

Universal Plus platform

4.1 mm. Ø



**Diameter 4.5 mm.**

Length (mm.) | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

**Diameter 5 mm.**

Length (mm.) | 6.5 | 7.5 | 8.5 | 10 | 11.5 | 13 | 15 |

# PREDICTABLE IMPLANTOLOGY

## THE WIDEST AND MOST VERSATILE RANGE ON THE MARKET

Various prosthodontic platforms depending on the prosthetic solution we want to obtain and various implant sizes depending on the bone substrate we have. **The implant system adapts to the residual bone volume of your patient.**

## A GUARANTEE FOR EXTREME RESORPTIONS

### TRANSVERSAL ATROPHY

Narrow implants for provoking ridge expansions and increasing the volume of the bone substrate without having to perform less predictable surgeries.

### VERTICAL ATROPHY

Short and extra-short implants allowing to perform surgeries in maxillary regions with a lack of alveolar bone height

## THE PERFECT TEAM: ENDORET® (PRGF®) + UNICCA® IMPLANTS

The combination of ENDORET technology, the pioneer in obtaining plasma rich in growth factors that stimulates and accelerates tissue healing and regeneration, and the nano-roughness surface of the UnicCa® range of implants **achieves higher osseointegration rates in less time and reduces bacterial colonization.**



CleanImplant Trusted  
Quality Mark

2017-2019

## UnicCa® surface, certified pureness

BTI UnicCa® is the first implant system in the market awarded with the CleanImplant Foundation Mark, as a guarantee of the highest quality of its materials and surface.



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**NOTE: consult your distributor for the availability of the product in the different markets.**



**BTI APP**  
NEW PRODUCTS

iPhone / smartphone version  
iPad / Tablets version (**Customer Area**)