SUB-PERIOSTEAL IMPLANTS
IUXTA-3D

THE NEW DIGITAL PROTOCOL FOR JUXTA-OSSEOUS TREATMENT: CUSTOMIZED TITANIUM IMPLANTS, MADE TO MEASURE FOR PATIENTS.

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SUB-PERIOSTEAL IMPLANTS

IUXTA-3D

The IUXTA-3D service finally permits to solve cases of extreme atrophy of the upper and lower jaw when the bone is not sufficient for conventional endosseous titanium implants.

IUXTA-3D implants are implantable medical devices made to measure for each individual patient, in compliance with the 93/42/EEC directive and its subsequent modifications and additions.

The structure of the juxta-osseous implant is designed based on the patient’s examination and is customized following the patient’s anatomical features and prosthetic needs. It is made of biocompatible, certified titanium.

It is placed during one single surgical session, reducing the waiting time and the patient discomfort, characteristic of conventional bone regeneration techniques.

IUXTA-3D probably represents the most mature and perfected evolution of this technique and makes it possible to obtain previously unthinkable outcomes and applications.

CHARACTERISTICS

• 100% DIGITAL WORK FLOW
• HIGH DIMENSIONAL ACCURACY
• EXCEPTIONAL STABILITY
• TITANIUM LASER MELTING
• DEDICATED OSTEOSYNTHESIS SCREWS
• VERIFIED MECHANICAL STRENGTH

<table>
<thead>
<tr>
<th>TYPOLOGY</th>
<th>DESCRIPTION</th>
<th>CODE</th>
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<tbody>
<tr>
<td>MICRO</td>
<td>Rehabilitation of a single element (1 abutment)</td>
<td>C34TL...</td>
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<tr>
<td>MINI</td>
<td>Rehabilitation of small edentulias (2 abutments)</td>
<td>C33TL...</td>
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<tr>
<td>PARTIAL</td>
<td>Rehabilitation of hemiarches (3 abutments)</td>
<td>C30TL...</td>
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<tr>
<td>TOTAL</td>
<td>Rehabilitation of full arches (4 abutments)</td>
<td>C31TL...</td>
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The IUXTA-3D implant is delivered with a RESIN REPLICA of the implant. In addition, the patient’s BONE MODEL is always produced, by means of 3D resin printing. On request, the BTK Milling Centre can also produce the structure for the provisional.

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WHY CHOOSE IUXTA-3D

IT MEETS THE EXPECTATIONS OF CLINICIANS AND PATIENTS.
Innovative design and production technologies make this techniques truly effective, allowing time saving and patient’s discomfort reduction.

SAFE AND DECISIVE PROCESS.
Control of all aspects of the process, from CT to the provisional restoration. The surgical procedure needed to place the implant is performed in one single session.

STATE OF THE ART PRECISION AND CUSTOMIZATION.
Highly precise digital work flow, from the desig to the production of the implant by means of LASER MELTING TITANIUM technology.

TRAINING AND TUTORING.
BTK offers a full calendar of advanced, specific training courses on the IUXTA-3D concept, to get to know the technique and its potentials and to acquire skills and experience with the surgical protocol.

UNCOMPROMISING QUALITY.
BTK is a certified member of the Italian Health Ministry’s registry of manufacturers of custom-made medical devices legitimately operating in Italy.

IUXTA-3D TEAM, EXCLUSIVE KNOW-HOW.
Not only a product but also a CLINICAL and TECHNICAL support TEAM that can cooperate in real time with utmost efficiency, on a case by case basis.

SURGICAL PROCEDURE
1. Insertion of the IUXTA-3D implant.
2. Closure of the surgical flaps.
3. Control of the healing process (lateral view).
4. Control of the healing process (occlusal view).

BT-SCREW SURGICAL KIT
Fixation screw kit for advanced surgery.
Immediate uploading of the DICOM file of the patient’s tomography.

For more INFO write to: btk3d@btk.dental
JUXTA-OSSEOUS IMPLANTOLOGY.

Known for decades, now perfected

BTK IUXTA-3D is an innovative, customized sub-periosteal titanium implant.

Juxta-osseous implantology is a surgical technique that has featured high failure rates in the past due to unsuitable clinical protocols and limited technological resources. It was progressively abandoned due to scarcely predictable short- and long-term follow-up outcomes.

Now, IUXTA-3D revolutionizes this technique and exploits the quality and precision of the most innovative digital methods for the design and production of the implant. This permits to obtain a veritable “bespoke” solution for patients and improves the predictability of this new surgery.

100% DIGITAL, 100% CUSTOMIZED.

IT MEETS THE EXPECTATIONS OF CLINICIANS AND PATIENTS.

STATE OF THE ART PRECISION AND CUSTOMIZATION.

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DIGITAL DENTISTRY
CUSTOM-MADE MEDICAL DEVICES

BIBLIOGRAPHY


BTG PERSONAL TUTOR

A program for individual case planning and execution supported by experienced professionals in order to leverage know-how and maximize clinical experience with the aim to achieve sustainable high patient satisfaction rates.

BTG is always at your disposal for any request for further follow-up or information, promoting periodic and ad-hoc training course.

CERTIFIED QUALITY SYSTEM

BIOTEC is certified UNI EN ISO 9001 and UNI EN ISO 13485.

Custom-made device, in accordance with Directive 93/42/EEC and subsequent modifications and additions.

The Company is registered at Italian Health Ministry Register of custom-made medical device manufacturers.

MADE IN ITALY
USED GLOBALLY

We constantly ensure that the quality of our products and services meet the high expectations of our customers and their patients.

Specialized professionals are taking care to offer comprehensive solutions in applied research, engineering, education and related activities.

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