

# WELCOME

The Grade 4 titanium used in the production of BIONIKA implants, according to the applied standard, demonstrates the most favorable properties for dental implantology. Due to its high purity, it offers excellent biocompatibility, while also providing outstanding strength



**József Hajdú** founding owner, executive manager

characteristics. Initially, both we and many other implant manufacturers preferred higher-purity titanium, but for strength-related reasons, today almost all implants worldwide are made of Grade 4 or other alloyed titanium. The titanium used according to the standard ensures excellent biocompatibility, making it virtually risk-free for use.



The main steps of our BioTiS surface treatment technology are:

- Chemical and mechanical surface cleaning and roughening
- Special ultrasonic washing, surface cleaning, and sterilization
- Surface structure modification through acid etching
- Multi-stage acid removal and cleaning
- Electrochemical surface modification
- Sterilization
- Surface treatment in physiological solution

All these technological steps are carried out under sterile conditions. The final packaging of the implants is four-layered. Packaging takes place in a sterile cabin. Final sterility is ensured through an accredited gamma sterilization process with a strength of 20 Rad.



Zsolt Kovács
Operative Manager,
Professional Advisor



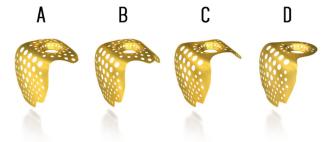
among the most reliable 0.63% o companies in Hungary."

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### **3D Builder**

Do bone grafting and insert implants at the same time!





The pre-contoured surfaces and rounded edges do not cause irritation, reduce the risk of flap perforation, and increase the success rate of the procedure while minimizing the chance of rejection.





The strong yet flexible titanium plates adapt to the patient's anatomy while also facilitating the clinician's work, as they can be easily shaped with scissors or geometric pliers.





BIONIKA 3D Builders retain their shape without springback, thereby preventing deformation caused by external stress. The titanium plates can be placed simultaneously with the implant and can be easily fixed using the implant's cover screw.







# Let's develop together and bring out the most from your ideas!



The BIONIKA ANCORA system has been specifically developed for orthodontics and includes mini implants. These implants feature self-tapping and self-compressing threads and are available with several head designs.

### **30%** DISCOUNT

### Ancora

Two-Phase Orthodontic Implant

### INT IMPLANT

This two-phase, internal-connection implant has been specially designed for orthodontic applications. Its sandblasted surface in the middle section promotes fast and stable osseointegration. Thanks to its tapered design and special thread profile, it ensures high primary stability even in cases of variable bone density. It is an ideal choice as an anchor for fixed orthodontic systems where long-term stability is required.









## Let's develop together and bring out the most from your ideas!



# dental implant manufacturin

Single-phase implants



Two-phase implants



**Abutments** 



Bone replacement membranes



**Implant** surgical kits



ungarian market leader in

**Oral surgery** plates



**DENT-CAM** dental technology



**Titanium** screw

A **BIONIKA** BIONIKA's research and development work is supported by the MTA-MAB Bionika Club, a professional collaboration between engineers and doctors

### **COMPATIBLE**

the UNIFORM-design solution!



ALPHA BIO® NEO® NICE® IH® CS® I ANKYLOS® I ANTHOGYR®I ASTRA® EVOLUTION® TX® | BEGO® SEMADOS® | BIOHORIZONS® | BRÅNEMARK® | BREDENT® BLUESKY® | CAMLOG® | CONELOG® | CORTEX® | DENTI® DENTI KONE® | DENTIS® | DENTIUM® | DIO® SM® UF® | DYNAMIC® | FULLPLANT® | ICX® TEMPLANT® DA VINCI® NARROW® | IHDE® HEXACONE® | IMPLANT DIRECT® INTERACTIVE® LEGACY® REPLANT® | IMZ® | ISY® | MEDENTIKA® | MEGAGEN® ANYONE® ANYRIDGE® I MIS® C1® SEVEN® UNO® V3® I NEO BIOTECH® | NEODENT® | NEOSS® | NOBEL BIOCARE® BRANEMARK® NOBELACTIVE® NOBELREPLACE® NOBEL CC® ZIGOMA® | OSSTEM® | PERIOTYPE® | PITT-EASY® | SGS® D® | SIC® ACE MAX® VANTAGE® I STRAUMANN® SYNOCTA® BONELEVEL® I **UNIPLANT®** VITAL **WIELAND® ZIMMER®** 

**Check out our Special Offer for discounts!** 

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