



INNOVATIVE SOLUTIONS  
FOR DENTAL AND MEDICAL  
PROFESSIONALS

**ORAL SURGERY**  
E D I T I O N

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# ABOUT US



Biomedent specialises in supplying high-quality medical and dental products. To ensure our products remain accessible only to genuine healthcare professionals, purchases through our website are available exclusively to account holders.

Available Now

## Online Account

- ✓ Order now, pay later
- ✓ Member pricing
- ✓ Pre-launch access
- ✓ View and track recent orders
- ✓ Wish list for fast reordering
- ✓ Manage billing and shipping addresses

REGISTER FILL FORM APPROVED STAR ORDERING

### Creating an account is quick, easy, and comes with exclusive benefits:

- ✓ Order now, pay later – enjoy 7-day payment terms
- ✓ Member-only pricing – access special rates on selected educational courses
- ✓ Pre-launch access – be among the first to explore new technology
- ✓ Simplified ordering – view and track orders with ease
- ✓ Flexible account management – update billing and shipping details anytime
- ✓ Quick reordering – save favourites to your wish list for fast, hassle-free orders

Setting up your account takes only a few seconds. Once registered, you'll have everything you need at your fingertips.



# iCHIROPRO

Your ultimate  
implantology system.

The iCHIROPRO is quite simply the most advanced implantology system on the market. Designed to assist you through its extensive range of smart and digital features, it will lead you to unrivalled performance.

So, whether you're keen on immediate loading, you're a guided surgery user or want extensive paperless traceability of your operations, unlock your full power with the iCHIROPRO.





# PRODUCT FEATURES



## DIGITAL INTEGRATION

Implant barcode scanner, CoDiagnostix QR code import.

## CUSTOMISABLE WORKFLOW

Implants brands, step sequences, fully personalised setting values.

## OPERATION TRACKING

Downloadable operation reports, with export functionality.

## STEP-BY-STEP GUIDANCE

Over 900 OFFICIAL PROTOCOLS, fully illustrated and easily accessible.

## FREE ONLINE UPDATES

Regular updates of implant library and iOS versions.



# PRODUCT FEATURES

## ◆ **USPs** *The added benefits.*

- ✓ Preloaded surgical features, for a seamless digital workflow.
- ✓ iPad-controlled dental implantology motor.
- ✓ Direct or planned execution of your operation.
- ✓ End-to-end digital experience in surgery processes.
- ✓ Faster procedures using official protocols of **OVER 50** of the world's leading brands.
- ✓ Detailed operations files available and downloadable.
- ✓ Automatic patient data update after completion of implantation procedures.

## ◆ **iCHIROPRO** *In a nutshell.*

- ✓ Cutting-edge technology to differentiate your practice.
- ✓ Reduced decision fatigue and accuracy concerns on the procedure day.
- ✓ Seamless integration into your digital workflow.
- ✓ Ultimate learning tool for beginners.





## Chiropro PLUS+3rd Gen set with Micro-Series CA 20:1 L



Simplicity. The cornerstone of the new range of implant and oral surgery motors developed by Bien-Air Dental.

General dental practitioner or experienced surgeon, are you seeking a fast, simple and efficient solution for your implant dentistry procedures? Look no further than the Chiropro. Your perfect solution for precise and smooth placement of implants.



### Bien Air PM 1:1 Ext Spray (Slowspeed) Handpiece

PM 1:1 is designed to withstand the stresses resulting from repeated lateral pressure, while maintaining exceptional precision.



### Bien Air CA 20:1 L KM Handpiece

This contra-angle has an irrigation system which is internal to the instrument – a world first. So your grip is not impeded by the irrigation line.



## Bone Grafting Screw Fixation Kit

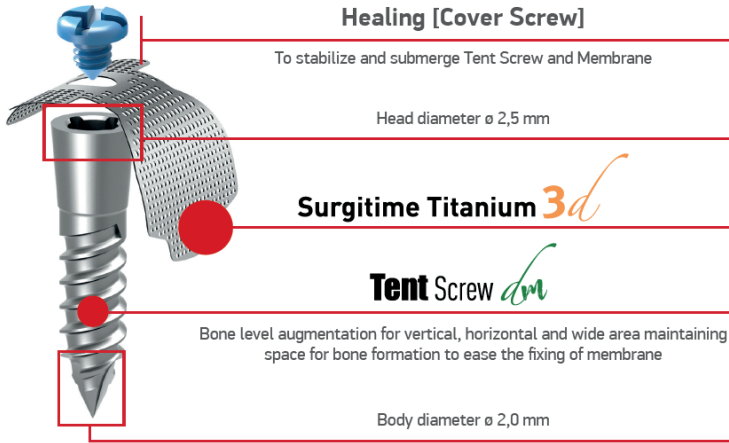


### Kit Includes:

- Driver Handle 13066
- Philips Connection for Manual Drive (Ratchet) Short 13129
- Philips Connection for Manual Drive (Ratchet) Long 13130
- Twist Drill – Ø 1,0 x 15 mm 05051
- Twist Drill – Ø 1,2 x 15 mm 05053
- Twist Drill – Ø 1,4 x 15 mm 05055
- Twist Drill – Ø 1,6 x 15 mm 05057
- Philips Connection for Contra Angle Short 13132
- Philips Connection for Contra Angle Long 13133
- Installation rod – 70 mm 13127
- Screwdriver handle 13085

Surgically-inserted medical and dental device used on bone graft surgery for the fixation of grafts and membranes on the maxilla or mandible.

\*Items also sold individually

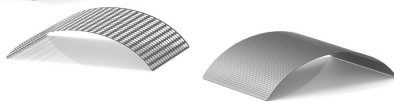
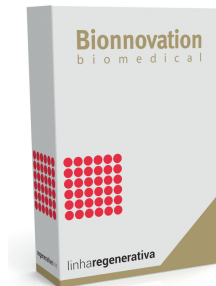


**Bionnovation Surgitime  
Titanium 3DF**

Biocompatible  
Flexible & Strong

12 x 18 mm | 0,08 mm | 0,15 mm

Built to promote bone formation  
Customized for all degrees of bone defect  
is categorized as 3 different shapes:



2 customized shapes  
Cutting Guidelines **Thicker line**





## Bionnovation Bone Screws

Used for the fixation and stabilization of bone grafts and nonabsorbable membranes (barriers) used in guided bone regeneration (GBR).

Drilling speed: 200 rpm;  
Placement speed: 30 rpm;



## Triple Blade Drill - Bone Collector



Easy and quick insertion.  
• Auto cutting power even at low speed;  
• Collects and particles the bone quickly.

## Tent Screw DM

Tent Screw DM is designed with a self-drilling tip, polished neck.






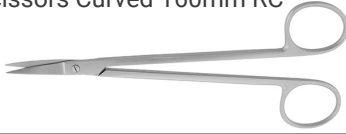








## Corticale Drill

Perforation of the cortical bone layer has been advocated in GBR, because it was postulated that this increases the vascularity of the wound and releases growth factors and cells with angiogenic and osteogenic potential.



Devedent is based in Neuhausen ob Eck by Tuttlingen, a city renowned for its medical instruments. The company was reborn in 2006, and can look back over more than 100 years of experience in the manufacturing of top quality dental instruments.

<ul style="list-style-type: none"> <li>• Devedent #33A Root Extracting Forceps- Lower Jaw</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent #1 Extracting Forceps Upper Jaw</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent #Special Root Extracting Forceps 144S</li> </ul> 
<ul style="list-style-type: none"> <li>• Devedent Needle Holders Mayo-Hegar 160mm Straight</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent Operating micro-scissors – Gome</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent Kelly Surgical Scissors Curved 160mm RC</li> </ul> 
<ul style="list-style-type: none"> <li>• Devedent Atraumatic Micro-Forceps 0.8mm Cooley</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent Watchel Papilla Elevator 173mm</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent Periosteal Elevator Pritchard #3S</li> </ul> 
<ul style="list-style-type: none"> <li>• Devedent Coupland #2 Root Elevator</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent Black #0/1 Plugger Serrated</li> </ul> 	<ul style="list-style-type: none"> <li>• Devedent #EX3A / CP15 Periodontal Probe</li> </ul> 



## RESOLON SUTURES

Long-term durability with simultaneous high biocompatibility

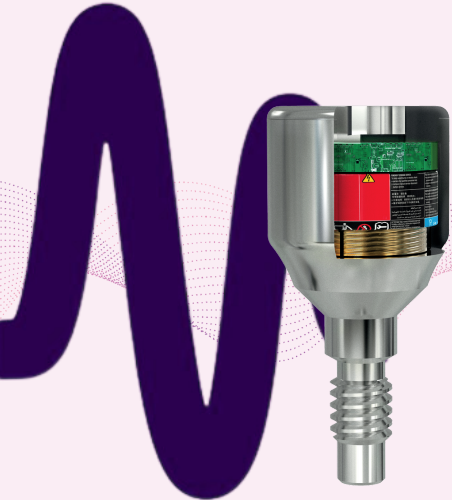
- Optimal tissue compatibility in the body due to the careful selection of materials and refining process
- Easy removal
- Non-absorbable suture materials remain virtually unchanged in body tissues. Once the scar tissue of the wound edges has become sufficiently strong to hold the wound together, the doctor removes the suture material by simply pulling it out.

Non-absorbable suture materials remain virtually unchanged in body tissues. Once the scar tissue of the wound edges has become sufficiently strong to hold the wound together, the doctor removes the suture material by simply pulling it out.

Resorba Monofilament  
Polyamide Blue 36/box

- Non irritating
- Softer and more subtly
- Easy passage through tissue
- Perfect handling and for consistency knotting





## Electromagnetic Healing Go Beyond the Surface

Miniaturized Electromagnetic Device

Magdent's innovative pulsed electromagnetic field (PEMF) healing abutments go beyond the surface by **accelerating the natural healing process**, enhancing recovery and success rates for dental implant procedures.

The patented technology accelerates regeneration of bone and soft tissue, shortening osseointegration time, and enabling **successful implant procedures** in high-risk patients like heavy smokers, diabetes and osteoporosis patients, etc.

By reducing inflammation, the technology becomes an essential component for suppressing peri-implantitis and accelerating bone growth.



Magdent's Miniaturized Electromagnetic Device (MED) technology utilizes an electromagnetic field to stimulate, accelerate, and improve bone formation and quality for shorter and more successful dental implant procedures.

The MED is threaded into the implant like a simple healing abutment. Each MED model is compatible with specific implant models.

### STEP 1

When the MED is placed in the Activator, a **Red** light will illuminate, signaling it is ready to be activated.



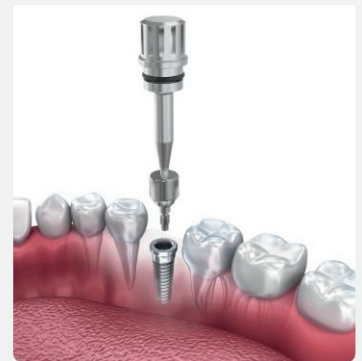
### STEP 2

After pressing the red button, the activation button will beep and blink **Blue**, indicating the MED is ready for use for 30 consecutive days.



### STEP 3

The Magdent MED device can be inserted into the implant using our 1.25 hex driver.





ONE DEVICE,  
TWO CHANNELS

PIEZOSURGERY®

PIEZODRILL®

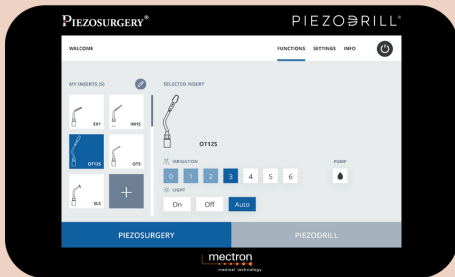




## MT-BONE Has Arrived at Biomedent!

From revolution to evolution: a new era of power, precision, and innovation in bone surgery. Designed to deliver precision and high performance, MT-BONE sets a new standard in bone surgery.

The unique vibration represents a new concept in piezoelectric motion, enabling a new piezoelectric platform for the development of multiple clinical indications not possible with standard piezo technology.



The evolution of the original technology MT-BONE offers a new generation of PIEZOSURGERY® with improved ergonomics and optimized cutting efficiency. Up to **20% power increase** with the most frequently used inserts.

### Launch Offer | Special Trade-In Deals

To celebrate the launch of **PIEZOSURGERY® MT-BONE**, we're offering exclusive trade-in incentives for a limited time.

**Interested?** to speak with our team and find out how much you could save - available only during the launch period.



## PIEZOSURGERY® touch

PIEZOSURGERY® touch. Its exclusive black glass touch screen, its easy to handle user interface and features like the new handpiece with rotatable LED lift ergonomics in surgery to a completely new level.

So get ready for selecting bone quality and irrigation flow rate at the touch of your finger – get ready for the PIEZOSURGERY® touch.

- 1 PIEZOSURGERY® touch unit
- 1 LED-handpiece, complete with cord
- 1 torque wrench K8
- 1 suitcase







## Micro-blades Periodontology



MJK Micro-blades – Periodontology Packs of 10  
Periodontology with specific angulations of the blades allow to operate easily and precisely in the least accessible areas, and in most cases, with a single line of incision.

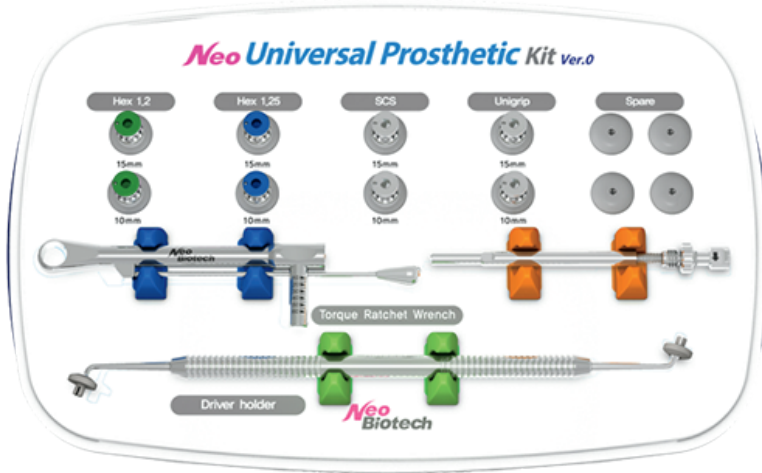
### Advantages:

- Surgeon comfort
- Reduction of trauma
- Better tissue coaptation

## Scalpel Blades Implantology



- Approximal incisions (mesial and distal) and interdental spaces
- Papillary incisions
- Palatal incisions (flaps and connective grafts samples)
- Delicate incisions for mucogingival surgery
- Crestal incisions (implantology)
- Sulcus incisions in vestibular or lingual areas
- Vertical incisions in the anterior area (upper or lower)
- Sulcus and papillary incisions in narrow areas, or inaccessible to the blades 15 or 15c



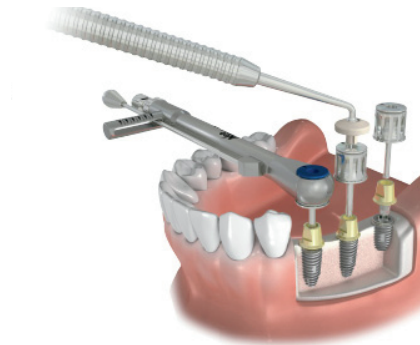
**This kit can be used to perform implant surgery for IS-III active, IS-II active, IT-III active.**

## Features

The Universal Prosthetic Kit is composed of various prosthetic drivers that are compatible to different brands and sizes of implant abutments.

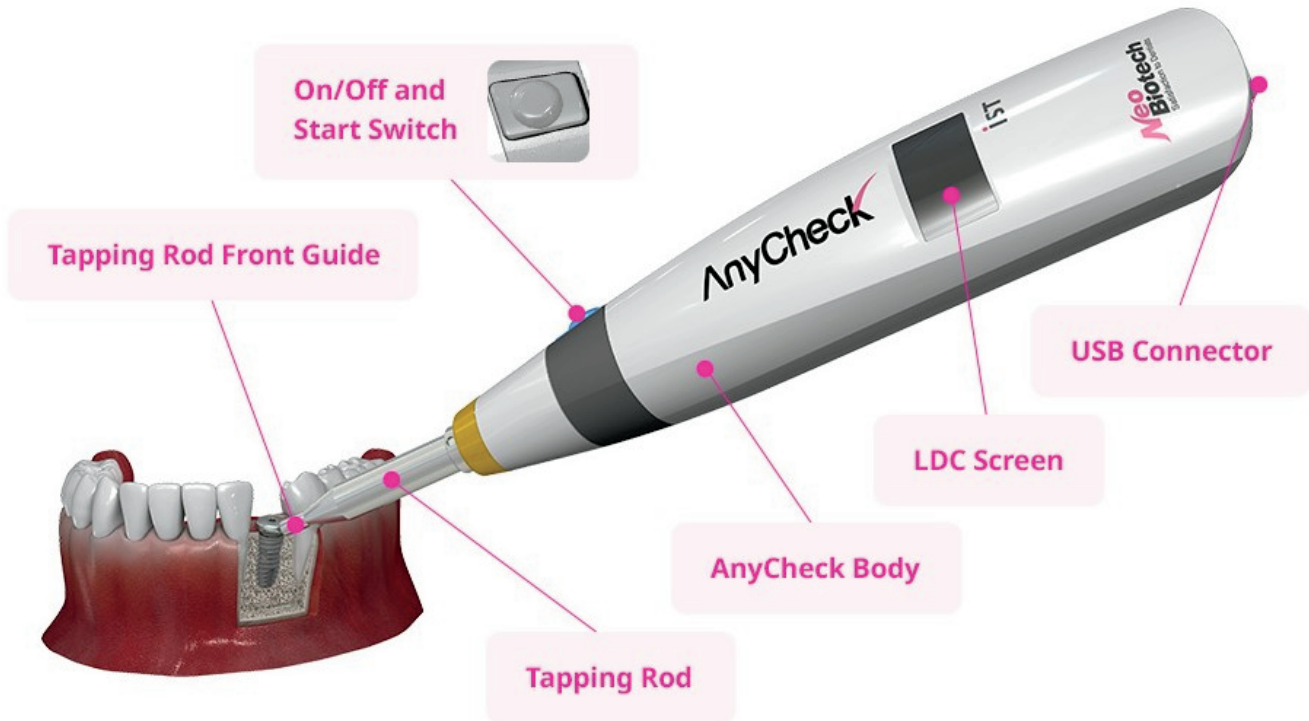


Used when implanting a fixture in a place where a tooth is missing, or when connecting or detaching a cover screw or other upper structures





Dental implant stability meter (tapping-motion) for measuring stability of an implant without disconnecting the healing abutment.



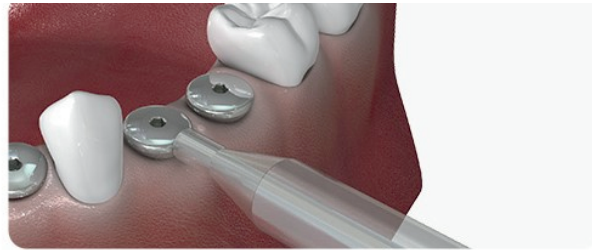


**EASY & FAST**

It is safe by tapping directly into the healing abutment, measurement is fast (within 3 seconds) and easier compared to the RFA Type



simple move and measure



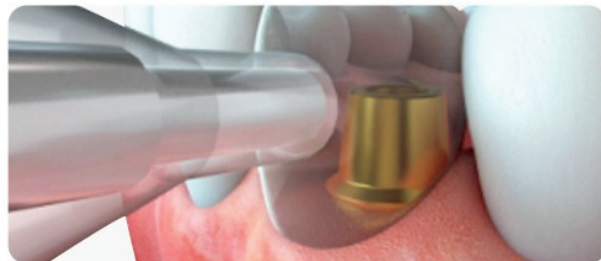
Immediate measurement for Healing Abutment

**EFFICIENT**

It can be measured for natural or implant prosthesis by tapping directly on the measuring body. As a result, it is more utilized than the RFA type not only in determining the loading time but also in early diagnosis of inflammation around the implant.



Natural tooth measurable



Implant Crown measurable



## PRF SYSTEM STARTER

Our carefully selected PRF Starter kit is designed for clinicians who are beginning their use of Platelet-Rich Fibrin in oral surgery, implantology, and regenerative dentistry. It provides all the essential components to confidently perform PRF protocols in a safe, reliable, and clinically accurate manner.



The kit also includes **complimentary** access to Dr. Joseph Choukroun PRF Online Course, valued at **\$1,000** offering in-depth training from the inventor of Process for PRF



### Clinical Mechanism:

The PRF technique (Choukroun et al. 2001) involves centrifugation of whole blood without anticoagulants. This process yields a fibrin clot rich in platelets and leukocytes, acting as a natural reservoir of growth factors (VEGF, PDGF, TGF- $\beta$ ). These are gradually released, accelerating bone and soft tissue healing in surgical sites.





## ABOUT PRF

### **Biomedent is the official distributor of Process for PRF® in Australia & New Zealand**

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#### Regulatory Status:

ARTG-listed Class IIa. Official Process for PRF® product, developed by Dr. Choukroun creator of the Process for PRF® (Platelet Rich Fibrin) technique (A-PRF, i-PRF, & S-PRF).

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The concept of PRF (Platelet-Rich Fibrin) is based on the centrifugation of whole blood without anticoagulants (J. Choukroun et al., 2001). During centrifugation, a fibrin clot is formed that contains a concentration of platelets and white blood cells.

Platelet-Rich Fibrin (PRF) is an autologous platelet concentrate used in medical and dental procedures for tissue regeneration and healing support.

#### **Composition:**

PRF is derived from the patient's own blood, which is centrifuged to separate the plasma and form a fibrin clot. PRF does not require anticoagulants or bovine thrombin.

#### **Formation:**

Centrifugation allows the formation of a fibrin clot containing platelets, white blood cells, and other blood components. These components are part of the natural blood composition and can be handled and applied in clinical procedures.



## ABOUT PRF

### Intended Use:

PRF is intended for use by qualified healthcare professionals in clinical procedures that involve tissue repair and regeneration support. Its applications are limited to professional use and should be applied according to clinical protocols.

### PRF vs PRP: Key Differences:

Platelet-Rich Fibrin (PRF) and Platelet-Rich Plasma (PRP) are both autologous platelet concentrates, but they differ in composition and preparation:

- **Anticoagulants:** PRF is prepared without anticoagulants, allowing natural fibrin clot formation, whereas PRP typically requires anticoagulants.
- **Fibrin Matrix:** PRF forms a three-dimensional fibrin network, which acts as a scaffold for platelets and white blood cells, supporting gradual release of growth factors. PRP usually remains in a liquid form.
- **Cellular Content:** PRF contains higher concentrations of white blood cells and platelets within the fibrin matrix, which may contribute to tissue handling and cellular signaling in surgical protocols.
- **Handling:** PRF's clot or membrane form may be easier to handle in certain surgical or grafting applications compared to liquid PRP.



## ABOUT PRF

### Applications in Dentistry:

- **Periodontal Surgery:** PRF can be used to manage soft tissue and periodontal procedures.
- **Oral Surgery:** PRF can be applied during dental extractions and other oral surgical procedures.
- **Implantology:** PRF may be used in implant-related procedures, including bone grafting and sinus augmentation.
- **Bone Grafting and Ridge Augmentation:** PRF may be used in combination with graft materials to support bone handling.
- **Endodontics:** PRF may be used during procedures addressing periapical tissue.

### Applications in Medicine:

- **Orthopedics:** PRF may be used to handle and support tissues in orthopedic procedures.
- **Plastic and Reconstructive Surgery:** PRF may be applied in surgical procedures to manage tissue layers.
- **Dermatology:** PRF may be used in procedures addressing scalp or skin tissue.
- **Cardiovascular and Ophthalmology:** PRF may be handled during procedures involving vascular or corneal tissues.

### Advantages for Professional Use:

- **Autologous:** Derived from the patient's own blood.
- **Simple preparation:** PRF can be prepared using standard centrifugation equipment.
- **No chemical additives or anticoagulants required.**

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**Important Notice:** PRF is intended for use by licensed medical and dental professionals only. Clinical use must comply with institutional protocols and TGA regulations. The product is listed on the ARTG and classified as Class IIa medical device.

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## Monoglyc Absorbable Monofilament Sutures

Monoglyc PGA-PCL Suture is a highly pliable monofilament suture, that also absorbs predictably. With the smooth monofilament surface structures, it handles and ties easily, and is virtually inert in tissue. Basically, PGA-PCL sutures behave like PTFE sutures, but do not need to be removed!

24 Sutures Per Box



- Prevents bacterial wicking
- Fully Absorbable in approximately 90 Days
- Compares to Monocryl
- Sharp & high quality premium needle allow for atraumatic passage through tissue.
- Ideal suture for Choukroun's Apical Mattress Suture Technique
- High tear resistance and reliable knot security
- Maintain 50% tensile strength for 14-28 days
- Dyed violet
- Available in 4-0, 5-0 or 6-0.
- 45cm or 70cm



## REX PIEZOIMPLANT

The REX PiezoImplant System was designed specifically to manage reduced crestal width.

Its rectangular section mimics the anatomy of the residual crestal bone, allowing for adequate bone thickness to be preserved on the vestibular and lingual sides. This level of bone preservation is not possible with traditional, screw-form implants because their circular section poses a geometrical discrepancy with the anatomy.

The morphological advantages of REX PiezoImplants allow preserving a crestal thickness greater than 1.5 mm buccally and lingually even when the residual crest is only 3.5 mm

Includes:

- Handpiece
- Handpiece support
- Footpedal
- Terminals
- Wrench WR1

**TALK TO US  
ABOUT OUR SITE  
SPECIFIC  
SOLUTION FOR  
PATIENTS WITH  
NARROW RIDGES**





## TOOTH TRANSFORMER

### What's the TT Transformer?

It is a Medical Device that facilitates the work of the Dentist and ensures maximum safety for the patient, using autologous material (the patient's own tooth).



**An innovative patented system able to transform an extracted tooth into an autologous material for bone regeneration.**

TT Transformer® reduces the crystallinity of the hydroxyapatite, the mineral of which teeth are composed, and through its unique procedure makes available the morphogenetic proteins and growth factors present in dentine.

The particulate matter obtained is, therefore, able to determine an osteoinduction mechanism capable of stimulating cellular adhesion, proliferation and differentiation during bone regeneration.



## SURGICAL TOOTHBRUSHES



The **VITIS Implant Sulcular** is specifically indicated for cleaning the gingival and/ or peri-implant sulcus.

It can also be used in implant carriers and orthodontic patients.

The **VITIS Implant Toothbrush** is a daily brush specifically designed for patients with dental implants, to provide a delicate and deep care within the whole mouth.

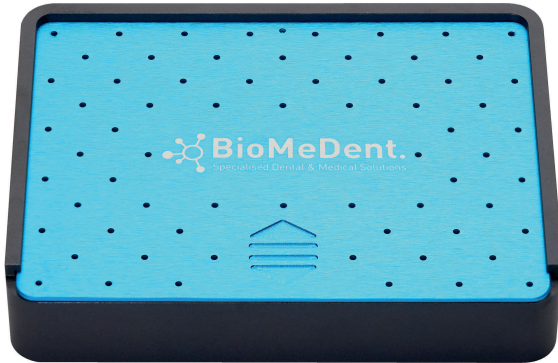


The **VITIS Implant Monotip** is designed specifically to access very small spaces that require maximum cleaning precision of implant-supported prosthesis.

It can also be used in implant carriers and orthodontic patients.



## TAD KIT (Temporary Anchor Devices)



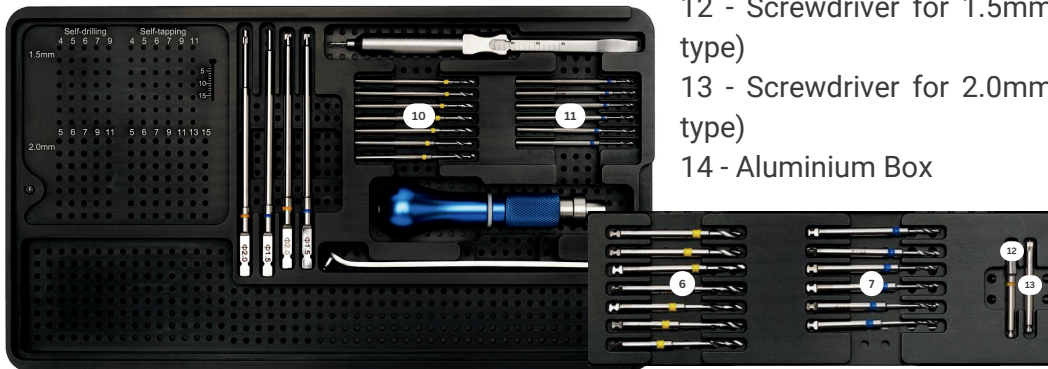
- 1 - Screwdriver for 1.5mm Screw (Square type)
- 2 - Screwdriver for 2.0mm Screw (Square type)
- 3 - Screwdriver for 1.5mm Screw (AO type)
- 4 - Screwdriver for 2.0mm Screw (AO type)
- 5 - Limited Drill Bit 1.1\*6mm (common type)
- 6 - Limited Drill Bit 1.1\*8mm (common type)
- 7 - Limited Drill Bit 1.6\*6mm (common type)
- 8 - Limited Drill Bit 1.6\*8mm (common type)
- 9 - Quick Coupling Handle (AO type)
- 10 - Limited Drill Bit 1.1\*6mm (RA/Latch type)
- 11 - Limited Drill Bit 1.1\*8mm (RA/Latch type)
- 12 - Limited Drill Bit 1.6\*6mm (RA/Latch type)
- 13 - Limited Drill Bit 1.6\*8mm (RA/Latch type)
- 14 - Aluminium Box



## PLATE AND SCREW KIT



- 1 - Hollow Reamer 2.0mm
- 2 - Hollow Reamer 1.5mm
- 3 - Screwdriver for 2.0mm Screw (AO type)
- 4 - Screwdriver for 1.5mm Screw (AO type)
- 5 - Depth Gauge 0-30mm
- 6 - Limited DrillBit (common type)
- 7 - Limited DrillBit (common type)
- 8 - Quick Coupling Handle (AO type)
- 9 - Guider 1.1mm& 1.6mm
- 10 - Limited DrillBit (RA/Latch type)
- 11 - Limited DrillBit 1.1\*4mm (RA/Latch type)
- 12 - Screwdriver for 1.5mm Screw(RA/Latch type)
- 13 - Screwdriver for 2.0mm Screw(RA/Latch type)
- 14 - Aluminium Box



2026 Dates  
Coming Soon

 BioMeDent.



# PRF

## MASTERY COURSE

Dentistry &  
Facial Aesthetics

Includes Venipuncture Certification

Enhance your clinical skills with the PRF Mastery Course, designed for dental and aesthetic practitioners.

This one-day intensive program provides theoretical knowledge and hands-on experience, focusing on the applications of Platelet-Rich Fibrin (PRF) in both dentistry and facial aesthetics.

Choose your focus area: Participants can select either the **Dental or Facial Aesthetic** track.



RN Nyma



Dr Michael Walker



RN Julie Ji



## Vein Finder QV500



The QV-500 Vein Finder is a reliable, portable device designed for accurate and timely projection of blood vessel images onto the skin's surface. Its ergonomic design ensures comfortable use, while optional desktop stands and mobile trolleys provide versatility for various clinical settings.

## Vein Finder QV600


The QV-600 Vein Finder builds on the capabilities of the QV-500 with advanced features for enhanced clinical performance.

Designed to facilitate venous access in patients with difficult-to-locate veins, regardless of skin tone or body type, including those with obesity.

In addition to the standard twelve color modes, three size options, and six brightness levels, the QV-600 offers software hair removal, puncture guide lines, and five mixture colors to provide depth information of veins. The device also includes a photograph function to store and analyze venous images, with a storage capacity of 6000 sets.





 1300 792 624

 [www.biomedent.com.au](http://www.biomedent.com.au)