IMTEC, a 3M Company

IMTEC is committed to the advancement of dental science and dental implant technology. The company, through ongoing research, has developed a wide range of dental products currently in use by clinicians throughout the world.

The IMTEC Hexed-Head dental implant system was first developed by Ronald A. Bulard, D.D.S. in 1986. IMTEC was incorporated by Dr. Bulard and E.S. Gillespie, D.D.S. in 1990. From its inception, the company’s implant system and related technologies have been developed based on simplicity and technical accuracy.

IMTEC has sponsored a host of clinical and university studies with protocols of selected studies having been reviewed and accepted by the American Dental Association (ADA). Additional studies are currently ongoing at major universities around the world.

The IMTEC System
Great care is taken in the selection of materials, production methods, sterilization and packaging of IMTEC dental implants and associated components. Strict inspection procedures have been established to ensure all IMTEC products are in compliance with an array of regulatory standards.

IMTEC’s products are manufactured under registered ISO 9001 and ISO 13485 quality systems. In addition, by meeting the stringent European standard (EN46001) for medical devices, IMTEC has been authorized to utilize the CE mark. This demonstrates the company’s manufacturing excellence and concerns for patient safety. By following the FDA’s Good Manufacturing Practices (GMP) and by adhering to additional rigorous medical device regulations, IMTEC dental products have been accepted by the Food and Drug Administration (FDA) to be marketed and sold in the United States.

Unless otherwise noted, all implants and components are precision machined with Computer Numerical Controlled (CNC) machines. Critical dimensions are held within +/-0.0005” (5 µ) accuracy. IMTEC dental implants are produced from surgical grade titanium alloy.

Quality Control
Quality Assurance at IMTEC meets the rigid specifications of the medical device regulations. Many of the products and components are subject to 100% inspection during various stages of production.

Packaging
IMTEC’s dental implants and sterile components utilize packaging configurations that have been validated to provide clean, sterile barriers for a duration of at least five years. Each sterile device includes a removable patient chart label for future referencing and simplified record keeping. Dental instrumentation and components are provided non-sterile.

Commitment
Our commitment at IMTEC is to provide the dental profession with state of the art, cost effective dental implants and associated products, coupled with competent, reliable customer service. We stand ready to serve you at all times. Please visit our user friendly website at www.imtec.com, or call our toll free number, 800-879-9799 today.

IMTEC Limited Warranty
IMTEC warrants to the dental professional who purchases its products that all reasonable care has been taken in the choice of materials, method of manufacture, coating and packaging. IMTEC shall not be liable for any incidental or consequential loss, damage or expense, directly or indirectly arising from the use of its products. The foregoing warranty, as conditioned and limited, is in lieu of and excludes all other warranties, whether expressed or implied, including but not limited to any implied warranties of merchantability or fitness-for-use, and of any other obligation on the part of the seller. IMTEC neither assumes, nor authorizes any other person to assume for it any additional liability or responsibility in connection with its products. No agent, employee or representative of IMTEC has any authority to bind IMTEC to any affirmation, representation or warranty concerning its products and any such representation or warranty shall not be enforceable by the buyer. Liability under this warranty is limited to replacement of any product which shall appear to IMTEC to have been defective in materials, manufacture or packaging. Damage to any IMTEC product through misuse, neglect, accident or failure to follow recommended procedures or instructions for use or by modification by the buyer or user voids any IMTEC warranty. Product replacement under IMTEC’s warranty shall be effected by promptly contacting IMTEC at the phone numbers provided. Nothing in IMTEC’s warranty shall be construed to extend the rights or remedies of a patient into whom an IMTEC product is implanted. CAUTION: United States laws restrict the sale of any IMTEC product or device to licensed physicians, dentists or dental specialists. Use by any other person is strictly prohibited.

Shipping Policy
Shipments are made freight collect or prepaid by IMTEC with the shipping costs added to the customer’s invoice. Priority shipping options are available at the customer’s expense. Clinicians are cautioned not to accept packages with exterior damage. If there are shortages or questions, please notify the company within ten days.

Return Policy
A return goods authorization (RGA) number is mandatory when returning any product to IMTEC. An RGA number can be obtained by calling your IMTEC sales representative within 30 days of the invoice date. No cash refunds, only store credit. A 15% restocking fee will be applied to all returned items.

Note: Any package returned without a valid RGA number clearly printed on the outside of the package will be refused and returned at the physician’s expense. Any opened product will not be accepted.
Contents

IMTEC Sendax MDI™ 2
Advantages of MDI™ 3
Classic MDI™ Implants 4
  Standard Thread Design 4
  MAX Thread Design 5
Collared MDI™ Implants 6
  Standard Thread Design 6
  MAX Thread Design 7
IMTEC MDI™ Surgical Kit & Accessories 8
IMTEC MDI™ Instruments & Accessories 9
Metal Housings, O-Rings & Blockout Shims 11
IMTEC’s SECURE™ SECURE Soft Kits & Accessories 12
ACCESS™ Oral Care 13
Implant Motors & Accessories 14
IMTEC MDI™ Surgical Protocol 16
IMTEC MDI™ Prosthetic Protocols 19
  SECURE™ Hard Pick-Up Protocol 19
  SECURE™ Soft Protocol 20
IMTEC MDI™ Impression Protocol 21
IMTEC Dry Field System 22
IMTEC MDI™ Prosthetic Flowchart 23
Notes 24
Technical/Clinical Assistance 25
IMTEC Sendax MDI™

A powerful addition to your implant armamentarium

IMTEC Mini Dental Implants, also known as MDI implants, are ultra-small, biocompatible titanium alloy implant screws. A New York dentist by the name of Victor I. Sendax designed and started utilizing his innovative surgical technique over 20 years ago. In early 1998, Dr. Ronald A. Bulard, who had previously formed IMTEC Corporation, entered into a strategic alliance with Dr. Sendax. After countless hours studying and refining Dr. Sendax’s original protocol, Dr. Bulard added a single one-piece o-ball design to the concept. With Dr. Bulard’s material enhancement and Dr. Sendax’s patented insertion protocol*, the IMTEC Sendax MDI™ was created. Dr. Bulard’s O-Ball concept was awarded a patent in April 2004*. Since the technique was introduced to the dental market, thousands of doctors have completed IMTEC MDI approved training and thereafter included the MDI into their practice regimens with positive results.

MDI implants are miniature 1.8mm (standard thread design) titanium alloy implants that act like the root of a tooth. (A retaining fixture with an o-ring is incorporated into the patient’s denture.) The head of each implant is shaped like a ball and the retaining fixture acts like a socket. The o-ring snaps over the ball when the denture is seated and holds the denture at a predetermined level of force. When seated, the denture gently rests on the patient’s gum tissue. The retaining fixtures allow for vertical movement while withstanding natural lifting forces.

This minimally invasive technique is fast becoming the system of choice for stabilizing the prostheses of denture patients. Over the past several years, IMTEC has observed amazing changes in dental practices using MDI implants. Oral surgeons to general practitioners, in addition to thousands of patients, have benefitted from these amazing mini dental implants. It is an excellent service that can be delivered at a reasonable cost, can significantly enhance a clinician’s income and ultimately improve patient satisfaction.

* US Patent Nos. 5,749,732, 6,716,030
Advantages of MDI™

The long-term solution for loose dentures

- Immediate loading
- Minimally invasive procedure
- One-hour, one-stage denture stabilization
- An effective procedure for practice enhancement
- Designed for patients with conventional denture instability
- MDI implants utilize a 5-step technique compared to customary 30-step procedures for conventional implant placements and restorations
- MDI implants are placed utilizing a patented protocol
- May be used as temporary or long-term fixtures
- An extremely well-tolerated, efficient and timely procedure for the patient
- An excellent dental service that can be easily delivered at a reasonable cost to the dentist and patient
- Does not require an osteotomy
- Ideal for patients who cannot afford or tolerate a conventional implant procedure
- 5-year limited warranty*
- Indicated for long-term applications

* See MDI limited warranty on inside cover.

IMTEC MDI System - Official Indications For Use

The MDI and MDI PLUS are self-tapping titanium threaded screws indicated for long-term intra-bony applications.

Additionally, the MDI may also be used for inter-radicular transitional applications.

These devices will permit immediate splinting stability and long-term fixation of new or existing crown and bridge installations, for full or partial endentulism, and employing minimally invasive surgical intervention.
Classic MDI™ Implants

Standard Thread Design

- 1.8mm & 2.1mm diameter
- Long-term stabilization
- Provided sterile
- Enhanced surface treatment
- Auto-advancing thread design

O-Ball Prosthetic Head

1.8mm

<table>
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<tbody>
<tr>
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Utilizes the 5118 MDI Classic O-Ball Head Analog on page 9

2.1mm

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Utilizes the 5118 MDI Classic O-Ball Head Analog on page 9

Square Prosthetic Head

1.8mm

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Utilizes the 5018 MDI Classic Square Head Analog on page 9

The Classic MDI Implant Standard Thread design is ideal for patients with thin tissue and D1 or D2 bone. This implant is placed using the MDI patented placement protocol.
Classic MDI™ Implants
MAX Thread Design

The Classic MDI Implant MAX Thread design is ideal for patients with thin tissue and is specifically designed for D2 or D3 bone. This implant is also placed using the MDI patented placement protocol.

- 2.4mm diameter
- Long-term stabilization
- Provided sterile
- Designed for greater thread engagement
- Enhanced surface treatment
- Auto-advancing thread design

O-Ball Prosthetic Head

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Utilizes the 5118 MDI Classic O-Ball Head Analog on page 9

Square Prosthetic Head

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</table>

Utilizes the 5018 MDI Classic Square Head Analog on page 9
Collared MDI™ Implants
Standard Thread Design

- 1.8mm & 2.1mm diameter
- Long-term stabilization
- Provided sterile
- Enhanced surface treatment
- Auto-advancing thread design

O-Ball Prosthetic Head

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</table>

1.8mm
Utilizes the LAOB MDI Collared O-Ball Head Analog on page 9

The Collared MDI Implant Standard Thread design features a 2.5mm polished collar that makes it ideal for patients with gingival tissue thicker than 2mm with D1 or D2 bone. This implant is placed using the MDI patented placement protocol.

Square Prosthetic Head

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<td>SH-13</td>
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<tr>
<td>18mm</td>
<td>SH-18</td>
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</table>

1.8mm
Utilizes the LASH MDI Collared Square Head Analog on page 9
Collared MDI™ Implants
MAX Thread Design

The Collared MDI Implant MAX Thread design features a 2.5mm polished collar. This implant is ideal for patients who have gingival tissue thicker than 2mm with D2 or D3 bone. This implant is also placed using the MDI patented placement protocol.

- 2.4mm diameter
- Long-term stabilization
- Provided sterile
- Designed for greater thread engagement
- Enhanced surface treatment
- Auto-advancing thread design

O-Ball Prosthetic Head

<table>
<thead>
<tr>
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<tr>
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Utilizes the LAOB MDI Collared O-Ball Head Analog on page 9

Square Prosthetic Head

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Utilizes the LASH MDI Collared Square Head Analog on page 9
# IMTEC MDI™ Surgical Kit & Accessories

**Surgical Kit includes:**

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>MDI 1.1mm Surgical Drills, qty. 5</td>
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<td>Ratchet Wrench</td>
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<td>Winged Thumb Wrench</td>
<td>S9032</td>
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<tr>
<td>Finger Driver</td>
<td>S9030</td>
</tr>
<tr>
<td>Ratchet Adapter-5mm</td>
<td>S7007</td>
</tr>
<tr>
<td>Ratchet Extension-16mm</td>
<td>8016</td>
</tr>
<tr>
<td>Block Out Shims (pack of 25)</td>
<td>S1010</td>
</tr>
<tr>
<td>Titanium Locking Pliers</td>
<td>1030</td>
</tr>
<tr>
<td>Surgical Box</td>
<td>1303</td>
</tr>
<tr>
<td>SECURE Hard Pick-Up Kit</td>
<td>8720</td>
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<tr>
<td>SECURE Dispensing Gun</td>
<td>8028</td>
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<td>ACCESS Toothbrush, bristle density #1, qty. 3</td>
<td>6008</td>
</tr>
<tr>
<td>ACCESS Toothbrush, bristle density #2, qty. 3</td>
<td>6009</td>
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<tr>
<td>IMTEC Dry Field System-Large, qty. 3</td>
<td>300-701</td>
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<tr>
<td>IMTEC Dry Field System-Small</td>
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<td>3M ESPE Impregum™ Soft Polyether Impression</td>
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<td>Material, Regular Set Intro Kit*</td>
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**Dentist Models**

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<tr>
<td>Clear MDI Mandible <em>(Acrylic base)</em></td>
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<td>Anatomical MDI Model</td>
<td>SMDI-002</td>
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<tr>
<td>Pink, Opaque MDI Maxilla Model <em>(Acrylic base)</em></td>
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<tr>
<td>Pink, Opaque MDI Mandible <em>(Acrylic base)</em></td>
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*For more information on ordering 3M ESPE products visit [www.3MESPE.com](http://www.3MESPE.com)*
IMTEC MDI™ Instruments & Accessories

Lab Analogs & Restorative Copings

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<td>Classic Square Head Analog</td>
<td>5018</td>
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<tr>
<td>Collared O-Ball Head Analog</td>
<td>LAOB</td>
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<td>LASH</td>
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<td>O-Ball Impression Coping</td>
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<td>O-Ball Immediate Temporization Cap</td>
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<td>O-Ball/Square Head Waxing Coping</td>
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Site Preparation

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<td>Irrigated Drill Extender</td>
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<td>1.4mm Diamond Bur</td>
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SIG Drill Guide

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<tr>
<td>SIG MDI Pilot Drill Guide</td>
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Guides the 1.1mm surgical drill to create parallel, appropriately spaced pilot holes for MDI implant placement. Also limits depth to 6mm.
IMTEC MDI™ Instruments & Accessories

Titanium Locking Pliers

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MDI Wrenches

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Ratchet Extension & Adapters

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<td>Ratchet Adapter – 13mm</td>
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<td>Ratchet Adapter – 9mm</td>
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Metal Housings, O-Rings & Blockout Shims

Metal Housings

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<td>Micro Metal Housing (includes O-Ring 0351-01)</td>
<td>MH-2</td>
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<td>O-Cap (includes O-Ring 0351-01)</td>
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![MH-1](image1) ![MH-2](image2) ![MH-3](image3)

O-Rings

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<td>Micro O-Ring</td>
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Blockout Shims

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(Trim to appropriate length)
IMTEC’s SECURE™, SECURE Soft Kits & Accessories

IMTEC’s SECURE Hard Pick-Up and SECURE Soft Reline materials are fast and easy chair-side products that can be applied in one session. These proprietary materials are perfectly mixed from the 1:1 safety cartridge for simple, time-saving and bubble-free applications. Both products are odorless, tasteless and provide color stability. They are also aesthetic and allow for high patient acceptance and comfort.

IMTEC SECURE (Hard Pick-Up Kit)
IMTEC’s SECURE Hard Pick-Up material does not contain methyl-methacrylate, so it reduces allergy risk. Additional benefits of SECURE are the extremely low heat development while polymerizing and the odorless, tasteless quality of the material. SECURE creates a smooth surface and allows new layers to be added at any time.

- 50ml safety cartridge of hard pick-up material
- 10ml adhesive
- Accessories

IMTEC SECURE Soft™ (Soft Reline Kit)
IMTEC’s SECURE Soft has high biocompatibility and reduces irritation of the mucosal membrane. It provides a stable adhesion between the silicone and the denture. SECURE Soft is easy to clean and has permanent elasticity.

- 50ml safety cartridge of soft reline material
- 10ml glazing catalyst
- 10ml glazing base
- 10ml adhesive
- Accessories

SECURE Dispensing Gun, Type II Extruder
- Dispensing gun designed for new format and delivery of all impression materials
- Controlled automatic dosage and mixing
- No lubrication required

Accessories

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<tr>
<td>Mixing Tips (10 pack)</td>
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<tr>
<td>Adhesive Brush (12 pack)</td>
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ACCESS™ Oral Care

The Implant Toothbrush with Curved-Bristle Memory

Unique curved bristles with built-in memory provide the optimum position for aggressively cleaning abutment surfaces at the gum line. They have the required integrity to remove plaque and debris from implant prosthetics while gently stimulating the surrounding soft tissue.

ACCESS Toothbrushes

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<tr>
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</tr>
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Implant Motors & Accessories
Implant & Oral Surgery System

Features:

- Powerful, brushless 40,000 RPM autoclavable micromotor
- Variable handpiece ratio selection: 1:5 and 1:2 increaser, 1:1 and 20:1 reduction E-type handpieces
- Adjustable torque up to 60 Ncm enables a single, high-efficiency 20:1 reduction handpiece (AHP-85MBC) to be used for the complete implant procedure
- Advanced calibration technology for accurate speed and torque performance
- Selectable auto-stop function when desired torque setting is reached
- Intuitive keypad with adjustable handpiece ratio, speed, torque and irrigation flow settings
- Contemporary design with easy to clean surfaces and large, bright easy-to-read display
- Fully integrated, easy-load irrigation pump
- Six programmable preset buttons for storing and labeling custom settings in memory
- Autoclavable motor holder may be free-standing or mounted to either side of the console
- Upgradable software for a longer return on investment
- Standard tubing set accepts standard irrigation bags; optional tubing set accommodates rigid irrigation bottles
- Auto-sensing global voltage compatibility
- UL compliant
- Made in the USA

<table>
<thead>
<tr>
<th>Item</th>
<th>Catalog #</th>
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<tbody>
<tr>
<td>Implant &amp; Oral Surgery System</td>
<td>AEU-7000IM</td>
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<tr>
<td>Variable Speed Foot Control</td>
<td>AE-70V</td>
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Includes AE-70V Variable Speed Foot Control with Pump On/Off, Micromotor Direction, Preset Selection and Torque Cycle buttons.
**Implant Motor**

![Implant Motor Image]

**Features:**

- Variable speed, high torque 30,000 RPM motor
- Fully autoclavable motor/cable assembly
- Motor accepts all E-type handpieces
- Motor is brushless, maintenance free, and micro-processor controlled
- Console offers convenient contra-angle handpiece ratio settings: 1/1, 1/16, 1/64 and 1/256
- Forward/reverse control, water flow control on console
- Includes standard positive pressure surgical irrigation system
- Supplied with on/off foot switch. [Variable speed foot control can be achieved with the multi-functional foot pedal (AE-18A) sold separately]
- Includes standard positive pressure surgical irrigation system
- Dual voltage system 110/120 volt, 220/250 volt, 50/60 Hz

<table>
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<tr>
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<tr>
<td>Implant Motor</td>
<td>707-A</td>
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<tr>
<td>Multi-Functional Foot Pedal</td>
<td>AE-18A</td>
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**Accessories**

<table>
<thead>
<tr>
<th>Item</th>
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<tr>
<td>1/20 Reduction Contra Angle</td>
<td>AHP-85P</td>
</tr>
<tr>
<td>Mont Blanc 1/20 Contra Angle</td>
<td>AHP-85MBC</td>
</tr>
<tr>
<td>with Adjustable Depth Stop</td>
<td></td>
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<tr>
<td>Aseptispray*</td>
<td>AHP-09</td>
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* Necessary to clean and lubricate handpieces

* not shown

AHP-85P  AHP-85MBC

Implant Contra Angle handpiece which accepts D-latch implant burs. Ideal for osteotomies, tapping and threading. 800-1200 RPM for osteotomy under 30 RPM for placing implants.
IMTEC MDI™ Surgical Protocol

Preoperative Planning

After patient selection and evaluation protocols have been completed, the number of MDI implants required is determined and thoroughly discussed with the patient. The patient’s lower denture is then fabricated or modified, followed by identification of appropriate implant sites. After site selection, the MDI implants should be placed approximately 5-8mm apart. For mandibular placement, the implants should be placed beginning at least 7mm anterior to the mental foramen.

1 Entry points & use of the Pilot Drill

Entry points for each MDI implant are marked on the patient’s tissue via bleeding points or a marker. The Pilot Drill is delicately placed over the entry point and lightly pumped up and down until the cortical plate is penetrated. No incision is necessary. The average depth is one-third to one-half the threaded length of the implant. Sterile irrigation is utilized throughout the drilling procedure. In extremely dense bone an extended penetration may be required. The pilot hole depth should never equal the length of the implant, as the tip of the drill is wider than the tip of the implant.

*The 1.5mm Tissue Punch can be used to remove mobile mucosa.
2 Use of the Finger Driver for implant insertion

Open the MDI implant vial.* Grasp the body of the implant firmly with titanium locking pliers. Next, attach the titanium Finger Driver to the head of the implant. (It has a friction grip o-ring and can be used as a carrier to the patient’s mouth, as well as a beginning surgical driver.) After inserting the implant into the pilot opening through the attached gingiva, rotate clockwise while exerting downward pressure. This procedure initiates the self-tapping process and is used until noticeable bony resistance is encountered.

3 Use of the Winged Thumb Wrench

The Winged Thumb Wrench is designed to deliver a greater amount of torque. Use it to thread the implant into place until the wrench becomes difficult to turn.

IMPORTANT: If no significant resistance is met during this mid-stage of insertion, the prognosis for the implant reaching its full potential is doubtful. The patient’s bone at this site possibly lacks the required density for predictable success.

*All MDI Implants are delivered sterile.
Use of the Ratchet or Adjustable Torque Wrench to finalize the insertion process

The Ratchet Wrench or Extended Range Adjustable Torque Wrench and Ratchet Adapter will then finalize the insertion process. To utilize, grasp the wrench (with the directional arrow facing clockwise) and insert the ball and o-ring of the Ratchet Adapter into the bottom of the opening of the wrench. The final stage of MDI implant placement requires small, incremental, carefully controlled ratchet turns for final seating. The ideal length allows the abutment head to protrude from the gingival soft tissue at its full length but with no neck or thread portions visible. The implant can then be ratcheted until it demonstrates a rock-like integration of at least 30-35 Ncm, which will then allow it to be immediately loaded.

**IMPORTANT:** The removable o-ring attachments inside an over-denture will not loosen an integrated MDI Implant. A loose implant is one that did not fully integrate into the bone. The primary reason for non-integration is over-instrumentation of the bone. The IMTEC Sendax MDI Implant utilizes a fully self-tapping protocol. It demands that the implant bite into the bone and advance itself from the initial point to completion. The procedure requires torquing forces that progress from Finger Driver to Winged Thumb Wrench to Ratchet or Torque Wrench.

**MDI Torque Recommendations**

- IMTEC does not recommend exceeding 50 Ncm during implant placement.
- IMTEC recommends immediate load of implants only when at least 30–35 Ncm of resistance is met upon insertion.
IMTEC MDI™ Prosthetic Protocols

SECURE™ Hard Pick-Up Protocol

• Relieve denture to accommodate implants and metal housings.

• Trim Blockout Shims to appropriate length and place one shim on each implant.

• Place metal housing on each implant and check for passive fit over shims.

• Place denture in patient’s mouth and check for passive fit over implants and housings.

• Apply a thin layer of SECURE Adhesive to the tissue born surface of the denture.

• Extrude SECURE Hard Pick-Up material directly onto metal housings and into the troughed denture.

• Seat denture in patient’s mouth and have patient apply normal bite pressure in centric occlusion.

• Allow 7-9 minutes for SECURE Hard Pick-Up material to set.

• Remove denture and all blockout shims, trim and polish.

• Seat the final denture and inform the patient to keep the denture in place for the first 48 hours after placement to prevent tissue overgrowth.

Denture

Removable O-Ring (0550-01) housed inside metal housing.

IMPORTANT: This is a critical part of the protocol. The Blockout Shim is placed over the exposed head of the MDI Implant to prevent pick-up material from curing to the implant.

IMPORTANT: For this step the clinician has the option to excavate 5mm openings or bur a complete trough in the denture as shown in the diagram below.
IMTEC MDI™ Prosthetic Protocols

SECURE™ Soft Protocol

Recommended for maxillary cases. May be necessary when implants are placed in softer bone in the mandible.

- Grind down denture base at least 1mm and relieve denture to accommodate the prosthetic heads of each implant.
- Roughen the tissue-born surface of the denture with an acrylic bur and degrease the surface with isopropyl alcohol.
- Apply a thin coat of SECURE Soft Adhesive.
- Extrude SECURE Soft Reline material onto the tissue-born surface of the denture.
- Place the denture in the patient’s mouth and ask patient to apply normal bite pressure in centric occlusion.
- Allow seven minutes for SECURE material to set.
- Remove denture and trim excess material with fine scissors or a surgical blade.
- Mix equal drops of SECURE Glazing Base and Catalyst.
- Use a brush to apply the mixture to the corresponding margins.
- DO NOT remove the palate of a maxillary denture during this stage.
- Ask the patient to keep the denture in place for the first 48 hours after placement to prevent tissue overgrowth.
- Four to six months after soft load, the soft liner can be replaced with a hard pick-up of the MDI metal housings (follow instructions for “IMTEC SECURE Hard Pick-Up Protocol”) to increase the level of retention.
IMTEC MDI™ Impression Protocol

O-Ball Impression Copings make the impression process a snap on MDI O-Ball implants.

1 Seating the Copings
Snap the O-Ball Impression Copings directly onto each O-Ball MDI Implant.

NOTE: Soft tissue may prevent full engagement of the coping on implants seated too deeply into soft tissue. In such a case, IMTEC recommends taking an impression of the O-Ball head of the implant without impression copings applied.

2 Seating the Impression
Standard crown and bridge impression techniques are used to pick up the impression copings, recording each implant’s position easily and accurately. IMTEC recommends 3M ESPE Impregum™ Soft Polyether Impression Material* for implant impressions.

3 Removal of the Impression
Once the impression has fully set, carefully remove the tray from the patient’s mouth and confirm all impression copings have been captured accurately in the impression.

4 Insertion of the Lab Analogs
This step can be observed in the clinic or at the dental laboratory.

Confirm the appropriate MDI Lab Analog will be inserted by reviewing the type of MDI O-Ball Implant used in the case. Use the Collared O-Ball Lab Analog (LAOB) with Collared O-Ball MDI Implants. Use the Classic O-Ball Lab Analog (5118) with Classic O-Ball MDI Implants.

Align the square neck of MDI O-Ball Lab Analog with the square opening at the base of the MDI O-Ball Impression Coping. Press the analog into the coping until a snap fit is observed. Insert a lab analog into each coping and prepare the impression to be used to fabricate a stone model.

5 Fabrication of the model
Use standard stone model fabrication techniques to form the model. Once the stone has set completely, carefully remove the impression from the model.

*For more information on ordering 3M ESPE products visit www.3MESPE.com
The IMTEC Dry Field System is specially designed to retract the tongue and lips of the patient while the clinician performs IMTEC surgical or prosthetic protocols. The unique design of the system allows for a dry field that is achieved by suction tubes and fully exposes both dental arches for unparalleled access.

The complete system is flexible and adjustable for the patient’s comfort. The IMTEC Dry Field System saves chair time and reduces salivary contamination during implant placement.

**System includes:**
- Two cheek retractors
- One flexible connector
- One tongue guard
- Two bilateral suction tubes
- One central suction “Y” connector with low volume adapter

**IMTEC Dry Field System**

<table>
<thead>
<tr>
<th>Item</th>
<th>Catalog #</th>
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<tbody>
<tr>
<td>IMTEC Dry Field System – Large</td>
<td>300-701</td>
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<tr>
<td>IMTEC Dry Field System – Small</td>
<td>300-700</td>
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<td>(Single use provided sterile)</td>
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</tr>
<tr>
<td>High Volume Bilateral Adapter</td>
<td>300-411</td>
</tr>
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</table>
IMTEC MDI™ Prosthetic Flowchart

Collared O-Ball
Corresponds with Lab Analog LAOB
1.8mm diameter
10mm — OB-10
13mm — OB-13
15mm — OB-15
18mm — OB-18
2.1mm diameter
2.4mm diameter
KB-10 — KB-13 — KB-15 — KB-18
MKB-10 — MKB-13 — MKB-15 — MKB-18

Classic O-Ball
Corresponds with Lab Analog 5118
1.8mm diameter
S1810 — S1810OB — S1810IOB — S1810MOB — S1810SB — S1810MSB
2.1mm diameter
S1813 — S1813OB — S1813IOB — S1813MOB — S1813SB — S1813MSB
2.4mm diameter
S1815 — S1815OB — S1815IOB — S1815MOB — S1815SB — S1815MSB

Collared Square
Corresponds with Lab Analog LASH
1.8mm diameter
SH-10 — SH-10SB — SH-10MSB
2.1mm diameter
SH-13 — SH-13SB — SH-13MSB
2.4mm diameter
SH-15 — SH-15SB — SH-15MSB

Classic Square
Corresponds with Lab Analog 5018
1.8mm diameter
S1810 — S1810SB — S1810MSB
2.1mm diameter
S1813 — S1813SB — S1813MSB
2.4mm diameter
S1815 — S1815SB — S1815MSB

Metal Housings
MH-1
MH-2
MH-3

Blockout Shim
S1010

O-Rings
0550-01
0351-01

O-Ball Abutment Copings
2921 O-Ball Impression Coping
2924 O-Ball Immediate Temporization Cap

O-Ball/Square Head Waxing Coping
S4118 Waxing Coping
Notes
Technical/Clinical Assistance

International clinicians should contact an authorized IMTEC distributor or the company at www.imtec.com

- Telephone orders are accepted at: 800-879-9799 or 580-223-4456
- Customer Service fax numbers: 800-986-9574 or 580-223-4561
- Office Hours are 8:00 AM – 6:00 PM Monday-Friday Central Standard Time
- Technical Assistance: 800-879-9799 or 580-223-4456
- All major credit cards accepted
- All prices are subject to change without notice
- All graphics are by way of illustration only (Not responsible for typographical errors)
- For more information online please visit www.imtec.com
- For more information on ordering 3M ESPE products visit www.3MESPE.com

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Orders placed after 3:30pm Central Standard Time will be processed the following business day.
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