tapered IM surgical system
Tapered Immediate Molar

Tapered IM implants offer a solution for immediate placement in molar extraction sockets, reducing treatment time and patient visits. Available in 7 and 8mm diameters, the implant design features deep aggressive threads for compressive bone loading and primary stability. The reduced collar diameter ensures the implant doesn't deviate from its intended placement location in extraction sites. A platform-switched, dual-affinity, Laser-Lok surface offers crestal bone retention and connective tissue attachment for flexible placement.
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tapered IM product information &amp; ordering</td>
<td>2-3</td>
</tr>
<tr>
<td>Tapered IM instruments</td>
<td>4</td>
</tr>
<tr>
<td>Ancillary instruments</td>
<td>5-7</td>
</tr>
<tr>
<td>Healing abutments &amp; cover caps</td>
<td>8</td>
</tr>
<tr>
<td>Temporary abutments</td>
<td>9</td>
</tr>
<tr>
<td>Surgical manual introduction</td>
<td>10</td>
</tr>
<tr>
<td>Surgical protocols</td>
<td>11</td>
</tr>
<tr>
<td>Implant placement level &amp; spacing</td>
<td>12</td>
</tr>
<tr>
<td>Surgical instruments &amp; drill sequence</td>
<td>13</td>
</tr>
<tr>
<td>Osteotomy preparation</td>
<td>14-15</td>
</tr>
<tr>
<td>Implant placement</td>
<td>16</td>
</tr>
<tr>
<td>Healing protocols</td>
<td>17</td>
</tr>
<tr>
<td>Appendix</td>
<td>18</td>
</tr>
<tr>
<td>Icon legend</td>
<td>19</td>
</tr>
<tr>
<td>Notes</td>
<td>20</td>
</tr>
<tr>
<td>Ordering, warranty information and references</td>
<td>21</td>
</tr>
</tbody>
</table>
Tapered Immediate Molar

Laser-Lok® zone
creates a connective tissue attachment, retaining crestal bone

Optimized threadform
deep, self-tapping buttress threads

Platform switching
reduced collar diameter utilizing BioHorizons 5.7mm connection

Helical cutting flute
assists self-tapping ability and reduces the need for bone taps

Restorative choices
comprehensive line of internally hexed prosthetics for a wide variety of site conditions and restorative protocols

Molar sites
Tapered IM implants offer a solution for molar extraction sites

Shop online at store.biohorizons.com
BioHorizons Tapered Immediate Molar implants are designed to be placed in molar extraction sockets, featuring aggressive buttress threads to assist with primary stability. A narrow collar diameter ensures that the implant maintains its path of insertion during final seating. Tapered IM implants platform-switch to BioHorizons 5.7mm prosthetic platform. The dual affinity Laser-Lok surface offers crestal bone retention and connective tissue attachment for flexible placement.

**features:**
- aggressive threads provide primary stability even in difficult sites
- dual-affinity Laser-Lok surface for crestal bone retention and connective tissue attachment
- conical internal hex for a rigid connection and stable restoration

<table>
<thead>
<tr>
<th>Tapered IM Implants with Laser-Lok</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>body diameter</strong></td>
</tr>
<tr>
<td><strong>prosthetic connection</strong></td>
</tr>
<tr>
<td><strong>Laser-Lok zone</strong></td>
</tr>
<tr>
<td><strong>apical diameter</strong></td>
</tr>
<tr>
<td><strong>7.5mm length</strong></td>
</tr>
<tr>
<td><strong>9.0mm length</strong></td>
</tr>
<tr>
<td><strong>10.5mm length</strong></td>
</tr>
</tbody>
</table>
Tapered IM implants can be placed using a combination of BioHorizons Tapered HD drills and new Tapered IM length drills. Length Drills feature cutting flutes that match the length of the implant, acting as a clear visual aid to indicate the appropriate drilling depth. Each drill is laser marked with a single band 3mm from the cutting flute to help identify depth of placement or tissue height.

**Drills**

<table>
<thead>
<tr>
<th>Drill Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIMD7007</td>
<td>Tapered IM Length Drill, 7.0mm x 7.5mm</td>
</tr>
<tr>
<td>TIMD7009</td>
<td>Tapered IM Length Drill, 7.0mm x 9.0mm</td>
</tr>
<tr>
<td>TIMD7010</td>
<td>Tapered IM Length Drill, 7.0mm x 10.5mm</td>
</tr>
<tr>
<td>TIMD8007</td>
<td>Tapered IM Length Drill, 8.0mm x 7.5mm</td>
</tr>
<tr>
<td>TIMD8009</td>
<td>Tapered IM Length Drill, 8.0mm x 9.0mm</td>
</tr>
<tr>
<td>TIMD8010</td>
<td>Tapered IM Length Drill, 8.0mm x 10.5mm</td>
</tr>
</tbody>
</table>
Tapered HD Surgical Kit

**TSK4000**
Tapered HD Surgical Kit
Includes the instrumentation required to place: Tapered Plus, Tapered 3.0, Tapered Tissue Level and Tapered Internal including the 3.4mm diameter and 18mm lengths.

Bur Block

**DB12**
Bur Block
Autoclavable bur block used to store up to 12 instruments.

Implant Driver

**TBIDH**  5.7mm HD Implant-level Driver, Handpiece
**TBIDR**  5.7mm HD Implant-level Driver, Ratchet

Ratchet

**130-000**  Ratchet

Burs

**122-110**  2.0mm Lindemann Bone Cutter
Side-cutting drill used to correct eccentric osteotomy preparations.

**122-106**  #6 Round Bur

**TIM5RB**  Tapered IM 5.0mm Round Bur
ANCILLARY INSTRUMENTS

Torque Wrenches

**BIOTORQ**  
**BioHorizons Adjustable Torque Wrench**
Adjustable torque wrench designed to attach to all 4mm drivers from BioHorizons. Supplied with a dual direction mechanism that allows for insertion and removal functions. When the desired torque is reached (a choice of 10Ncm to 30Ncm) the torque wrench snaps to avoid over torquing.

**ATW**  
**ITL Precise Adjustable Torque Wrench**
Place both implants and abutments with 9 distinct torque settings (15, 20, 25, 30, 35, 40, 45, 50 and 60 Ncm). A simple twist of the handle locks in precision-engineered torque values and guarantees accuracy and repeatability.

**AGYR-15500**  
**Torque Control 15500**
Ergonomic design is the ideal solution for access to screws placed in the posterior. The 7 predetermined torque values (10, 15, 20, 25, 30, 32 and 35 Ncm) make it a tool of extreme precision.

**EL-C12374**  
**Elos Adjustable Torque Wrench**
Lightweight titanium design is easy to use as an adjustable torque wrench or a ratchet. Quickly disassembles for cleaning. No calibration required.

**EL-C8521**  
**Elos Replacement Bit, 4mm Square Adapter**

**EL-C8381**  
**Elos Replacement Bit, Handpiece**

Implant Spacer / Depth Probe

**144-300**  
**Implant Spacer / Depth Probe**
Use to provide intraoral measurements. Multi-functional tool for marking implant spacing on the ridge and probing osteotomy depth.
ANCILLARY INSTRUMENTS

Tapered Offset Dilator Kit

TODKIT2 Tapered Offset Site Dilator Kit

The Tapered Implant site dilators match the geometry of the Tapered surgical drills and are used to create or enlarge osteotomies in soft maxillary bone. These instruments compress the bone laterally rather than removing valuable bone from the surgical site, creating a more dense bone-to-implant interface.

Osstell IDx

OSS-101000 Osstell IDx

The Osstell IDx is a fast, noninvasive and easy to use system to determine implant stability and to assess the process of osseointegration – without jeopardizing the healing process. It provides the accurate, consistent and objective information needed to make well-founded decisions.

Osstell SmartPegs (packs of 5)

OSS-100425 3.0mm platform
OSS-100440 3.5mm platform
OSS-100431 4.5mm platform
OSS-100442 5.7mm platform

Custom Zirconia & Titanium Abutments for BioHorizons Implant Systems

- Titanium & hybrid zirconia abutments
- Custom implant abutment design
- Comprehensive services for traditional impressions & intra-oral scans
- Complete digital workflow solutions

WWW.VULCANDENTAL.COM • 844.484.2301
HEALING ABUTMENTS & COVER CAPS

Laser-Lok Healing Abutments

Use Laser-Lok healing abutments when a Laser-Lok abutment restoration is planned to inhibit epithelial downgrowth, establish a soft tissue seal and protect the bone. Refer to the Prosthetic Technique Manual (L02015) for appropriate handling techniques.

B = Blue (5.7mm) platform
N or R = Narrow or Regular emergence
3 or 5 = 3mm or 5mm abutment height
L = Laser-Lok

<table>
<thead>
<tr>
<th>abutment diameter</th>
<th>3mm height</th>
<th>5mm height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Narrow Emergence</td>
<td>6.0mm</td>
<td>PBNHA3L</td>
</tr>
<tr>
<td>5.7mm platform, Laser-Lok</td>
<td></td>
<td>PBNHA5L</td>
</tr>
<tr>
<td>Regular Emergence</td>
<td>6.5mm</td>
<td>PBRHA3L</td>
</tr>
<tr>
<td>5.7mm platform, Laser-Lok</td>
<td></td>
<td>PBRHA5L</td>
</tr>
</tbody>
</table>

Standard Healing Abutments

Hand-tighten with the .050” (1.25mm) Hex Driver. Titanium Alloy.

The 5.7mm healing abutments are laser marked for easy intraoral identification of the prosthetic platform, emergence and height:

B = Blue (5.7mm) platform
N or R = Narrow or Regular emergence
1, 2, 3 or 5 = 1mm, 2mm, 3mm or 5mm abutment height

<table>
<thead>
<tr>
<th>abutment diameter</th>
<th>1mm height</th>
<th>2mm height</th>
<th>3mm height</th>
<th>5mm height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Narrow Emergence</td>
<td>6.0mm</td>
<td>PBNHA1</td>
<td>PBNHA2</td>
<td>PBNHA3</td>
</tr>
<tr>
<td>5.7mm platform</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular Emergence</td>
<td>6.5mm</td>
<td>-</td>
<td>PBRHA2</td>
<td>PBRHA3</td>
</tr>
<tr>
<td>5.7mm platform</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wide Emergence</td>
<td>8.0mm</td>
<td>-</td>
<td>-</td>
<td>PBWHA3*</td>
</tr>
<tr>
<td>5.7mm platform</td>
<td></td>
<td></td>
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</tbody>
</table>

Cover Cap

PBCC 5.7mm Cover Cap

Use during submerged surgical healing. Hand-tighten with the .050” (1.25mm) Hex Driver. Titanium Alloy. Included with implant but can also be ordered separately.

* Available early 2019
TEMPORARY ABUTMENTS

Using authentic BioHorizons parts will ensure a precision fit connection between the prosthetic component and implant, avoiding costly component failures that may occur from using third-party prosthetics. Authentic BioHorizons parts are color-coded for easy identification to match the mating implant.

authentic connection

advantages:
- lifetime warranty on all implants and prosthetics
- Spiralock® technology minimizes screw loosening
- precise mating geometries reduce prosthetic failures
- advanced design creates a better engineered connection
- color-coded prosthetic components match implant platforms

Laser-Lok Easy Ti Temp Abutments

<table>
<thead>
<tr>
<th>Hexed</th>
<th>Non-Hexed</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP3ETHL</td>
<td>3.0mm platform, hexed</td>
</tr>
<tr>
<td>PYETHL</td>
<td>3.5mm platform, hexed</td>
</tr>
<tr>
<td>PGETHL</td>
<td>4.5mm platform, hexed</td>
</tr>
<tr>
<td>PBETHL</td>
<td>5.7mm platform, hexed</td>
</tr>
</tbody>
</table>

Laser-Lok Easy Ti Temp Sleeves

Use to create a wax-up of abutment for Easy Ti Temp Abutments. Packaged in packs of three. Acetal resin (Delrin® or Pomalux®) sleeve.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TP3ETS</td>
<td>3.0mm platform (pack of 3)</td>
</tr>
<tr>
<td>PXETS</td>
<td>3.5mm, 4.5mm &amp; 5.7mm platform (pack of 3)</td>
</tr>
</tbody>
</table>

Use for fabrication of cement- or screw-retained provisional restorations (>30 days). Packaged in packs of three. PEEK (PolyEtherEtherKetone) material.

PEEK Temporary Cylinder Abutments

Use for fabrication of cement- or screw-retained provisional restorations (up to 30 days). A direct coping screw (PXDCS, purchased separately) may be used to maintain screw access hole during fabrication of screw-retained provisional prostheses. Packaged with an abutment screw (PXAS). PEEK (PolyEtherEtherKetone) material. Final torque: 30Ncm.
INSTRUCTIONS FOR USE

This surgical manual serves as a reference for using the Tapered IM implants and surgical instruments. It is intended solely to provide instructions on the use of BioHorizons products. It is not intended to describe the methods or procedures for diagnosis, treatment planning, or placement of implants, nor does it replace clinical training or a clinician’s best judgment regarding the needs of each patient. BioHorizons strongly recommends appropriate training as a prerequisite for the placement of implants and associated treatment.

The procedures illustrated and described within this manual reflect idealized patient presentations with adequate bone and soft tissue to accommodate implant placement. Molar extraction sockets create irregular sites for implant placement, requiring varying surgical protocols. No attempt has been made to cover the wide range of actual patient conditions that may adversely affect surgical and prosthetic outcomes. Clinician judgment as related to any specific case must always supersede any recommendations made in this or any BioHorizons literature.

Before beginning any implant surgical procedure with BioHorizons implants:

• Read and understand the Instructions for Use that accompany the products.
• Clean and sterilize the surgical tray and instruments per Instructions for Use.
• Become thoroughly familiar with all instruments and their uses.
• Study surgical kit layout and iconography.
• Design a surgical treatment plan to satisfy the prosthetic requirements of the case.

Indications

Tapered IM Implants are intended for use in the mandible or maxilla as an artificial root structure for single tooth replacement or for fixed bridgework and dental retention. The implants may be restored immediately:

1) with a temporary prosthesis that is not in functional occlusion or
2) when splinted together for multiple tooth replacement or when stabilized with an overdenture supported by multiple implants.

The implants may be placed in immediate function when good primary stability has been achieved and with appropriate occlusal loading.

Tapered IM Implants (1) are limited to the molar region; (2) restricted to only one implant per molar extraction site; (3) are to be placed 3-5mm from adjacent implants or teeth, with the distance from the apical extent of the implant to adjacent implant or implant to tooth contact point should be 3mm to coronal to the alveolar crest; (4) should be at least 1.5mm from buccal or lingual alveolar surfaces to permit adequate integration; and, (5) are used when the surgeon has determined that the placement of a narrower diameter implant would increase the probability of failure due to poor primary stability, or increased surgical procedures leading to complications.
In a two-stage surgery, the implant is placed below the soft tissue and protected from occlusal function and other forces during osseointegration. A low-profile cover cap is placed on the implant to protect it from the ingress of soft tissue.

Following osseointegration, a second procedure exposes the implant and a transmucosal healing abutment is placed to allow for soft tissue healing and development of a sulcus. Prosthetic restoration begins after soft tissue healing.

Single-stage surgery may be accomplished by placing a healing abutment at the time of implant surgery. This eliminates the need for a second procedure. Although the implant is not in occlusal function, some forces can be transmitted to it through the exposed transmucosal element.

Prosthetic restoration begins following osseointegration of the implant and soft tissue healing.

Single-stage surgery with non-functional immediate provisionalization provides the patient a non-functioning provisional prosthesis early in the treatment plan. An abutment is placed on the implant at or shortly after surgery, and a provisional restoration is secured using temporary cement. The provisional can help contour the soft tissue profile during healing.

Single-stage surgery with immediate function is possible in good quality bone where multiple implants exhibiting excellent initial stability can be splinted together. Splinting implants together may offer a biomechanical advantage over individual, unsplinted prostheses.
**IMPLANT PLACEMENT LEVEL & SPACING**

### Placement in Uneven Ridges

When placing the implant in an uneven ridge, prepare the osteotomy and place the implant so the bone/soft-tissue junction is within the Laser-Lok transition zone. This will allow both soft tissue and bone to attach to the Laser-Lok collar. If the ridge discrepancy is more than the Laser-Lok transition zone, leveling the ridge can be considered.

![Diagram of Placement in Uneven Ridges](image)

### Implant-to-Tooth Spacing

The osteotomy centerpoint required to maintain a specific implant-to-tooth spacing is calculated according to this formula:

\[
\frac{1}{2} \text{ (implant body diameter)} + \text{ the desired spacing}
\]

*During implant placement, clinicians must apply their best judgment as to the appropriate spacing for individual patient conditions.*

![Diagram of Implant-to-Tooth Spacing](image)

### Implant-to-Implant Spacing

The osteotomy center-to-center measurement required to maintain a specific edge-to-edge spacing between two implants is calculated according to this formula:

\[
\frac{1}{2} \text{ (sum of 2 implant body diameters)} + \text{ the desired spacing}
\]

*During implant placement, clinicians must apply their best judgment as to the appropriate spacing for individual patient conditions.*

![Diagram of Implant-to-Implant Spacing](image)
Tapered IM Drill Sequence

Full osteotomy preparation can be completed using Tapered HD Drills in combination with Length Drills designed specifically for each implant.

Tapered HD Drills feature laser marked bands to identify the appropriate drilling depth.

Length drills are specific to each implant length, featuring cutting flutes that match the length of the implant.
OSTEOTOMY PREPARATION

**Decoronate the tooth**

To help initiate the osteotomy in the ideal location, the tooth may be decoronated, leaving the roots in place.

**Round bur**

Identify the ideal location for implant placement and initiate the osteotomy using a round bur.

**2.0 & 2.5mm HD drills**

**Purpose:** Initiate osteotomy

- Matte finish for increased visibility under operatory lights
- 1,500 – 2,000 RPM

**Removal of remaining roots**

Split and remove the remaining roots, once the osteotomy has been developed as far as possible.
OSTEOTOMY PREPARATION

HD drills

**Purpose:** incrementally widen the osteotomy
- Depth-marked for reference
- Efficient cutting drill design collects bone for autografting
- The drill tip has limited end cutting. However, the osteotomy depth can be increased with these drills as needed
- Matte finish for increased visibility under operatory lights
- Color-coded by implant body diameter
  - (gray=3.0mm, purple=3.4mm, yellow=3.8mm, green=4.6mm and blue=5.8mm)
- 1,000 RPM

Length drills

**Purpose:** incrementally widen the osteotomy
- Depending on bone density the osteotomy may be finished using Length drills
- Cutting flutes match the length of the implant
- Single band 3mm from the cutting flute to help identify depth
- Implant length and diameter laser marked on shank
- 1,000 RPM

Implant drivers

**Purpose:** Engage the implant’s internal hex to drive implants into the osteotomy
- Implant level drivers are color-coded by prosthetic connection
- Blue = 5.7mm platform
- 30 rpm or less
**Implant Pick-up**

To pick-up the implant, align the driver hex with the implant hex and press firmly to engage the PEEK snap ring.

**Implant Placement**

Place the apex of the implant into the osteotomy and begin rotating slowly. The driver hex will engage when the driver is slowly rotated under apical pressure. If too much resistance is felt during insertion, remove the implant and revise the osteotomy with the appropriate crestal bone drill or bone tap as deemed necessary to reduce insertion torque.

⚠️ When placing mounted implants, do not exceed 120 Ncm of torque. If torque limit is met prior to full placement, remove the 3inOne abutment and complete placement using an implant-level driver.

**Internal Hex Orientation**

When seating the implant, use the corresponding dimples on the driver to orient one internal hex flat perpendicular to the implant angulation plane. Doing so verifies that an angled abutment will correct the angulation.
HEALING PROTOCOLS

Cover Caps for Two-stage Protocol

**Purpose:** Protects prosthetic platform in two-stage (submerged) surgical protocol for bone level implants.

- Irrigate implant to remove blood and other debris
- Use an antibacterial paste to decrease the risk of bacterial growth
- Thread clockwise into implant body
- Color-coded by prosthetic platform
- Hand-tighten (10-15 Ncm) utilizing .050” (1.25mm) Hex Driver

The cover cap for the mount-free implant is mounted in the vial cap.

Healing Abutments for Single-stage Protocol

**Purpose:** Transmucosal element for developing soft tissue emergence with narrow, regular, wide emergence or Simple Solutions prosthetic components.

- Color-coded by prosthetic platform
- The 3.5, 4.5mm and 5.7mm healing abutments are laser marked for easy intraoral identification; for example: YR3=Yellow (3.5mm) platform / Regular Emergence / 3mm High
- If a Laser-Lok temporary or final restoration is planned, a Laser-Lok healing abutment is required
- Hand-tighten (10-15 Ncm) utilizing .050” (1.25mm) Hex Driver

Immediate Provisional Restorative Options

**Temporary Abutments**

**Purpose:** Titanium and PEEK temporaries are easily modified for fabrication of cement or screw-retained provisional restorations. A long direct coping screw (purchased separately) may be used to maintain the screw access hole during the fabrication of a screw-retained provisional prosthesis.

**Simple Solutions with Laser-Lok**

**Purpose:** When a Simple Solutions restoration is planned, the tooth-colored healing cap that comes packaged with the abutment may be used as a coping for an immediate provisional restoration. See L01017 or L02007 for more information.
APPENDIX

Bone Profilers

**Purpose:** In cases where excess crestal bone has been created, use a bone profiler at implant uncovery to contour the bone. This will provide the necessary clearance for proper abutment seating.

- Profiler guide protects implant platform
- Color-coded by prosthetic platform
  (gray=3.0mm, yellow=3.5mm, green=4.5mm, blue=5.7mm)
- 850-2,500 rpm drill speed with steady sterile irrigation

**Image showing exceptional bone growth at 3 months. (Myron Nevins, DDS.)**

**Do not use the profiler without the guide in place.**

Using an .050” hex driver, remove the surgical cover cap from the implant and place the profiler guide that matches the color of the prosthetic platform. Use the profiler with copious amounts of sterile irrigation. Once the excess bone and soft tissue are removed, unscrew the guide and seat the appropriate prosthetic component.

Post-operative Instructions

A period of unloaded healing time is often recommended to allow for integration between the bone and implant surface. This is dependent on individual patient healing rates and bone quality of the implant site. Each case must be independently evaluated.

The patient should be instructed to follow a post-surgical regimen including cold packs for 24 hours post-implantation. The patient’s diet should consist of soft foods and possibly dietary supplements. Pharmacological therapy should be considered as the patient’s condition dictates.

If a removable prosthesis is used during the initial healing phase, a soft liner material should be used to prevent pressure on the surgical site. Relieve the prosthesis over the implant site prior to the soft liner application. Periodically check the patient’s soft tissue and bone healing using clinical and radiographic evaluations.

Ongoing hygiene for the implant patient is vital. Hygiene recall appointments at three month intervals are suggested. Instruments designed for implant abutment scaling, such as Implacare® instruments from Hu-Friedy® should be utilized. The stainless steel handles may be fitted with assorted tip designs for hygiene on natural teeth. The Implacare® scalers contain no glass or graphite fillers that can scratch titanium implant abutments.
Symbol Descriptions for Product Labeling

**BioHorizons**
Birmingham, AL 35244 USA

**REF** TIM7009

Tapered IM Implant
Laser-Lok
7.0 x 9.0mm, 5.7 Plat

**LOT** YYXXXXX

**not labeled for resale**

LTIM7009 REV B

BioHorizons Tapered IM
**REF** TIM7009 **LOT** YYXXXXX
7.0 x 9.0mm, 5.7 Plat

BioHorizons Tapered IM
**REF** TIM7009 **LOT** YYXXXXX
7.0 x 9.0mm, 5.7 Plat

**REF** Reference/article number

**LOT** Lot/batch number

Use before expiration date (YYYY-MM-DD)

Label number
ORDERING, WARRANTY INFORMATION AND REFERENCES

Territory Manager: ______________________________

cell phone: ______________________________

e-mail and/or fax: ______________________________

BioHorizons Lifetime Warranty on Implants and Prosthetics: All BioHorizons implants and prosthetic components include a Lifetime Warranty. BioHorizons implant or prosthetic components will be replaced if removal of that product is due to failure (excluding normal wear to overdenture attachments).

Additional Warranties: BioHorizons warranties surgical drills, taps and other surgical and restorative instruments.

(1) Surgical Drills and Taps: Surgical drills and taps include a warranty period of ninety (90) days from the date of initial invoice. Surgical instruments should be replaced when they become worn, dull, corroded or in any way compromised. Surgical drills should be replaced after 12 to 20 osteotomies.¹

(2) Instruments: The BioHorizons manufactured instrument warranty extends for a period of one (1) year from the date of initial invoice. Instruments include drivers, implant site dilators and BioHorizons tools used in the placement or restoration of BioHorizons implants.

Return Policy: Product returns require a Return Authorization Form, which may be acquired by contacting Customer Care. The completed Return Authorization Form must be included with the returned product. For more information, please see the reverse side of the invoice that was shipped with the product.

Disclaimer of Liability: BioHorizons products may only be used in conjunction with the associated original components and instruments according to the Instructions for Use (IFU). Use of any non-BioHorizons products in conjunction with BioHorizons products will void any warranty or any other obligation, expressed or implied.

Treatment planning and clinical application of BioHorizons products are the responsibility of each individual clinician. BioHorizons strongly recommends completion of postgraduate dental implant education and adherence to the IFU that accompany each product. BioHorizons is not responsible for incidental or consequential damages or liability relating to use of our products alone or in combination with other products other than replacement or repair under our warranties.

Distributed Products: For information on the manufacturer’s warranty of distributed products, please refer to their product packaging. Distributed products are subject to price change without notice.

Validity: Upon its release, this literature supersedes all previously published versions.

Availability: Not all products shown or described in this literature are available in all countries. BioHorizons continually strives to improve its products and therefore reserves the right to improve, modify, change specifications or discontinue products at any time.

Any images depicted in this literature are not to scale, nor are all products depicted. Product descriptions have been modified for presentation purposes. For complete product descriptions and additional information, visit store.biohorizons.com.

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