Implant Guiding System

Simplifying Implant Dentistry
Company Background

IIT was founded by dental professionals aiming to simplify implant dentistry. Our goal is to make implant placement easier, faster, more profitable and predictable. IIT is focused on providing innovative quality products backed by professional service and support.

IIT Philosophy

• Provide technology to make implant dentistry more precise.
• Increase predictable outcomes.
• Decrease chair time.
• Increase comfort level of implant dentistry.
• Increase profitability given accuracy and simplicity.

Implant Guiding System

This user friendly system was designed to be used in place or in conjunction with a surgical stent when placing implants. The Guiding System will ensure correct implant location (bucco-lingual & mesio-distal) while also helping determine the optimal implant diameter during placement.

The Guidance System is comprised of:

• Titanium Blades – will accurately determine appropriate implant diameter and position for 1 or 2 implants.
• Titanium Measuring Pins with extensions – will guide position and diameter of implants in edentulous arches.
• Titanium Parallel Pins – used for assuring parallel placement of implants and to check positioning.
• Blade Handle – Provides the ability to securely maneuver and position the blades throughout the mouth.
• Tray – Sturdy, auto-clavable housing for all Guiding System parts.

The IIT Guidance System is universal and can be used with any dental implant system on the market.
Product Description

1. Tray

2. Measurements to reference implant diameter
   - 3 mm
   - Standard Diameter: 3.3 - 3.6mm Ø
   - Regular Diameter: 3.75 - 4.3mm Ø
   - Wide Diameter: 5.0 - 5.5mm Ø

3. Parallel Pins

4. Measuring Pins

5. 1.7 Blade

6. Blades
   - 1 Implant: 2mm - 2mm
   - 2 Implants: 2mm - 3mm - 2mm

7. Blades
   - 1 Implant: 3mm - 3mm
   - 2 Implants: 3mm - 3mm - 3mm

8. Handle

   - 3mm
   - 2mm
Surgical technique

OPTION 1 [Blades]
Using the Blades to place one or two implants

- Expose the bone using either a flap or flapless technique.
- Choose size of blade by approximating to the diameter of implant
- Slide blade into handle following the safety latch.
- Slide desired blade into edentulous space verifying a snug fit. Proper insertion will be achieved when lateral extensions touch vestibular faces of adjacent teeth.
- Always present the blade through the buccal aspect.*
- Rotate Blade into locked position.
- Implant diameter is decided and perfect positioning is achieved.
- Blades can also be used to position 2 implants between teeth.
- Utilize your initial drill to mark implant location through hole in blade.
- Ideal location (Mesio-distal and buccolingual) and implant diameter will provide desired esthetic and functional outcomes.

*Note - If selected blade does not achieve a snug fit then repeat steps with different blades until accurate measurement is obtained.
Expose the bone using either a flap or flapless technique.

Utilize blade to help determine desired implant position.

Once this is determined mark initial site with first drill.

Remove blade and complete 2mm hole.

Insert Measuring Pin with extensions into 2mm hole.

Rotate MP to verify distance to adjacent teeth. 2mm & 3mm wings will verify proper inter-dental spacing is achievable.

MP can be used to properly place additional implants along the arch. Subsequent implants can be positioned using the longest arm on the MP. Make additional perforations by verifying marks are in the correct mesio-distal position.

Align drilling with the indentation on the longest wing of the MP. This will ensure a minimum of 3mm inter-implant spacing.

Insert parallel pins to back fill holes allowing verification of desired inter-implant spacing.

The MP provided the guidance to properly determine the correct diameter and position of the implants.
Case Studies

Case Study #1 [2 Consecutive implants]

- Pre-operatory
- Measuring blade
- Implants in correct position
- Post-operatory

Case Study #2 [2 Consecutive implants]

- Pre-operatory
- Measuring Blade
- Implants in correct position
Case Study #3 [Multiple implants]
• Blade to indicate mark for bur
• Implants in correct position

Case Study #4 [Multiple implants]
• Pre-operative
• Measuring pin showing correct distance
• Implants in correct position
## Ordering information

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<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>GS</td>
<td>Guiding System</td>
</tr>
<tr>
<td>GSH</td>
<td>Guiding System Handle</td>
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<tr>
<td>GST</td>
<td>Guiding System Tray</td>
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<tr>
<td>P3</td>
<td>Parallel Pin 3mm</td>
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<tr>
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<td>Standard Diameter Parallel Pin</td>
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<tr>
<td>RDP</td>
<td>Regular Diameter Parallel Pin</td>
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<tr>
<td>WDP</td>
<td>Wide Diameter Parallel Pin</td>
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<tr>
<td>MP3</td>
<td>Measuring Pin 3mm</td>
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<tr>
<td>MPWD</td>
<td>Measuring Pin Wide Diameter</td>
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<td>3B2</td>
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To order call 1.866.944.1118 or go to www.iitweb.com