OneGuide KIT
Keyless open guided surgery kit
OneGuide<sup>KIT</sup>

Keyless, precise, open guided surgery kit, designed to allow for more accurate, efficient and safe surgery with minimal error and drill heating.

- **Keyless**, open guided system.
- **Compatible** with most in-surgery software systems.
- **Tapered design** drilling sequence.
- **Easier implant placement in the posterior region.** The keyless design allows easier drilling sequence and implant placement where patients have limited opening, allowing the drill to be inserted through the side window.

- **Reduced movement** as the drills included in the kit minimise movement during the drilling process.
- **Reduced heat at drill site.** A side opening in the OneGuide drills facilitates a water supply, cooling the contact area to prevent heating at the drill site.
- **Shorter drilling steps.** Drilling steps are shortened dramatically by adopting 122 concepts, using different techniques according to bone density.
Precise surgery with unshaken drilling

**Initial drilling:**
Smart design which allows the parallel part of the drill to be in the stent for up to 3mm prior contact with the bone.

**Backward drilling:**
Allows precise drilling as the drill is always in contact with the guide area, due to tapered drill.

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**Easy access to the back of the mouth**
A lateral window can be designed in the stent which facilitate drilling in the posterior region even with limited mouth opening.

Intermaxillary space:
OneGuide - 36mm,
Conventional guide - 51mm

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**Reduce bone heating**
Enables fast drilling without heating, due to the OneGuide’s side opening, facilitating douche, whilst still allowing the outstanding cutting force of the drill.
(Recommended rpm: 800~1200rpm)

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**Shortening drilling steps dramatically by adopting 122 Concepts**

2 ~ 4 Drilling to implant placement protocol depending on bone density.

![Diagram](image)

<table>
<thead>
<tr>
<th>Bone Density</th>
<th>Initial</th>
<th>F3.5</th>
<th>F4.0</th>
<th>F4.5</th>
<th>Fixture</th>
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<tbody>
<tr>
<td>Soft</td>
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**The Digital Workflow**

1. **Data Preparation**
2. **Treatment Planning**
3. **OneGuide Guided Surgery**
4. **Digital Scanning**
5. **Prosthetic Design**
6. **Prosthetic Fabrication**
This keyless guided surgery kit is designed to be simple and safe. Featuring several precise drilling tools and guide development from Hiossen® Implant, this kit allows for more accurate, efficient and safe surgery with minimal error and drill heating.

**Initial Drill**
- Implant location decision after Tissue punch.
- Securing the guide depth of backward drill.
- Composed of 3 kinds of tools (under F4.5/only for F5.0/only for F3.5 soft bone).

**Flattening Drill**
- Using for the ridge with narrow or uneven.
- Enabling Stable cutting without splattering with many of cutting edges.
- Composed of 2 kinds of tools (under F4.5/only for F5.0).

**Tissue Punch**
- Diameter Ø3.5, Ø4.0, Ø4.5 & Ø5.0.
- Only for Tissue cutting.

**NoMount Driver**
- F3.5: Ø5.0
- F4.0/4.5: Ø5.0
- F5.0: Ø5.7.
- Only for OneGuide.

**Fixture Driver**
- F3.5 F4.0/4.5 & F5.0.
- Only for OneGuide.

**OneGuide Drill**
- The taper drill optimized for TSIII/IV fixture (possible to implant diameter Ø3.5~5.0, length 7~13mm fixture).
- Stable drilling with multistage structure.
- Composed of 2 kinds of tools (under F4.5, only for F5.0).

**Drilling Sequence**

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<thead>
<tr>
<th>Fixture Diameter</th>
<th>Bone Density</th>
<th>Initial</th>
<th>Ø2.2</th>
<th>F3.5</th>
<th>F4.0</th>
<th>F4.5</th>
<th>F5.0</th>
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