OneGuide

1. Shorter Drilling Sequence
   - Depending on bone density, the drilling sequence can range from 2 to 4 drills
   ETIII Ø4.0

<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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<td></td>
<td></td>
<td></td>
<td>Implant placement</td>
</tr>
<tr>
<td>Normal</td>
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</tr>
<tr>
<td>Hard</td>
<td></td>
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</tr>
</tbody>
</table>

2. Side Slots for Restrictive Spaces
   - Side slots allow for proper drilling under limited intermaxillary conditions
   - Intermaxillary distance needed for the side slot is 35mm vs. conventional is 51mm
   - Depending on the case, the stent can be fabricated with or without a side slot
   Under limited intermaxillary distance | Intermaxillary distance is not an issue

3. Stabilized Drilling
   - Initial drill: 3mm of the guide section is stabilized by the stent before drilling
   - After the initial drill, the next drill in the sequence is further stabilized by the stent and the osteotomy

4. Reduced Heat Generation
   - Triple stage tip significantly reduces heat generation when drilling the osteotomy.
   - The stent’s side slot allows for ample irrigation
   Triple stage tip

- Shorter drilling sequence
- Side slots for restrictive spaces
- Stabilized drilling
- Reduced heat generation
**OneGuide**

**Flattening Drill**
- Used for grinding uneven alveolar ridge
- Drill head is designed with multiple cutting edges

**Initial Drill**
- Remove gingiva with the Tissue Punch
- Drill the initial osteotomy

**Drilling Sequence**

<table>
<thead>
<tr>
<th>Bone Density</th>
<th>Initial Ø</th>
<th>Ø2.2</th>
<th>Ø3.5</th>
<th>Ø4.0</th>
<th>Ø4.5</th>
<th>Ø5.0</th>
<th>Ø5.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft</td>
<td>Ø2.2</td>
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<td></td>
</tr>
<tr>
<td>Normal</td>
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<td>Ø4.0</td>
<td>Ø4.5</td>
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</tr>
<tr>
<td>Hard</td>
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<td>Ø4.5</td>
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</tr>
</tbody>
</table>

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**Planning and OneGuide Stent Design**

**OneGuide**

**Workflow**

1. **Initial Drill**
2. **Flattening Drill**
3. **OneGuide Drill**
4. **Tissue Punch**
5. **NoMount Driver**
6. **Fixture Driver**

**F3.5**
- Ø5.0 (template hole)

**F4.5**
- Ø5.0 (template hole)

**F5.0**
- Ø5.7 (template hole)

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Dental Clinic

Digital scanning:
1. CT & intraoral scan
2. CT & stone model scan

Surgery day

OneGuide stent 3D printing

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