HiOssen Implant, the leader in popularizing implants in Korea! We stand out with our passion for strategic R&D and best products, creating globally trend-setting implants.

HiOssen Implant, provides world-class surface technologies in surface treatment, the core implant technology for fast and safe procedures

**Design Feature**

**Submerged type implant with an Internal hex 11° taper connection structure**
- Connection type and color - Mini / Regular
- Highest initial stability in soft bone by using upper-section small thread
- Corkscrew thread & cutting edge
  - Easy path adjustment through a superior self-threading effect
  - Acquires insertion torque with an increase in soft bone initial stability and without deviation according to the drill diameters
- The various body shape options are available according to the bone and patient’s clinical condition
  - ETII (Straight Body) : Easily adjustable insertion depth
  - ETIII (1.5 Taper Body) : Ability to acquire strong initial stability
  - TSIV (6° taper body): Able to acquire superior initial stability only in maxillary sinus and soft bone
- Applied Surface - SA / CA / BA / HA

**Surface Feature**

**Provides optimum surface through acid treatment**
- Provides Ra 2.5~3.0㎛ surface roughness
  - However, upper section 0.5mm area is Ra 0.5~0.6㎛
  - Achieved uniform micro-pit 1.3㎛ in size
  - 46% greater surface area compared to RBM

**Bone reaction performance (in-vitro and in-vivo)**
- 20% improvement in osteoblast separation and ossification compared to RBM
- Initial bone reaction performance in animal model (mini-pig)
  - 48% improvement in initial stability (RT, 4 weeks) compared to RBM
  - 20% improvement in ossification (BIC, 4 weeks) compared to RBM

**Surface coated with low crystalline Nano-HA in SA**
- Ultra-thin film with HA coating and 10nm or lower thickness
- HA coating on SA surface (Ra 2.5~3.0㎛)
- Dual function of titanium and HA
  - HA is naturally removed during ossification process
- Fused surface having advantages of both SA and HA
- Maintains advantage of SA optimum surface formation
- Superior early ossification of the HA in soft bone condition
- 30% improvement in ossification (BIC) compared to SA
PROSTHETIC FLOW DIAGRAM 1

Transfer/Angled/FreeForm ST/GoldCast/NP-Cast
SmartFit/ZioCera/ZioCera Angled
Temporary/Quick Temporary

Fixture Level Impression

EbonyGold Screw

Transfer Abutment
Angled Abutment
FreeForm ST Abutment
GoldCast Abutment
NP-Cast Abutment

SmartFit Abutment
ZioCera Abutment
ZioCera Angled Abutment
Temporary Abutment
Quick Temporary Abutment

Esthetic-low Temporary Cylinder
Esthetic-low Gold Cylinder
Esthetic-low Plastic Cylinder

ETII SA
ETII NH
TSII SA
TSIII SA
TSIV SA
TSIV CA

Coming Soon
**ETII SA Fixture**

- Submerged type implant with 11° Morse taper internal hex connection
- World class SA surface treatment initializes osseointegration efficiently
- Straight body design for easy adjustment of insertion depth
- Unique thread design has enhanced initial stability in soft bone and powerful self threading capabilities
- Recommended insertion torque: 40Ncm or less

※ For a single posterior implant case, using 4.5mm or bigger diameter is recommended.

**NoMount fixture order code**

: C + fixture product code (ex: CET2R4010S)

**Pre-Mounted fixture order code** (fixture + mount + cover screw)

: A + fixture product code (ex: AET2R4010S)

<table>
<thead>
<tr>
<th>D Ø3.5</th>
<th>L</th>
<th>8.5</th>
<th>10</th>
<th>11.5</th>
<th>13</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hex 2.1</td>
<td></td>
<td>ET2M3508S</td>
<td>ET2M3510S</td>
<td>ET2M3511S</td>
<td>ET2M3513S</td>
<td>ET2M3515S</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D Ø4.0</th>
<th>L</th>
<th>7</th>
<th>8.5</th>
<th>10</th>
<th>11.5</th>
<th>13</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hex 2.5</td>
<td></td>
<td>ET2R4007S</td>
<td>ET2R4008S</td>
<td>ET2R4010S</td>
<td>ET2R4011S</td>
<td>ET2R4013S</td>
<td>ET2R4015S</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D Ø4.5</th>
<th>L</th>
<th>7</th>
<th>8.5</th>
<th>10</th>
<th>11.5</th>
<th>13</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hex 2.5</td>
<td></td>
<td>ET2R4507S</td>
<td>ET2R4508S</td>
<td>ET2R4510S</td>
<td>ET2R4511S</td>
<td>ET2R4513S</td>
<td>ET2R4515S</td>
</tr>
</tbody>
</table>