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.

**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
  - TSV (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

**Bone reaction performance (in-vitro and in-vivo)**

- 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
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: ET2R4010S)

Pre-Mounted fixture order code (fixture + mount + cover screw)
- A fixture product code (ex: AET2R4010S)

**D Ø3.5**
- Hex 2.1

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