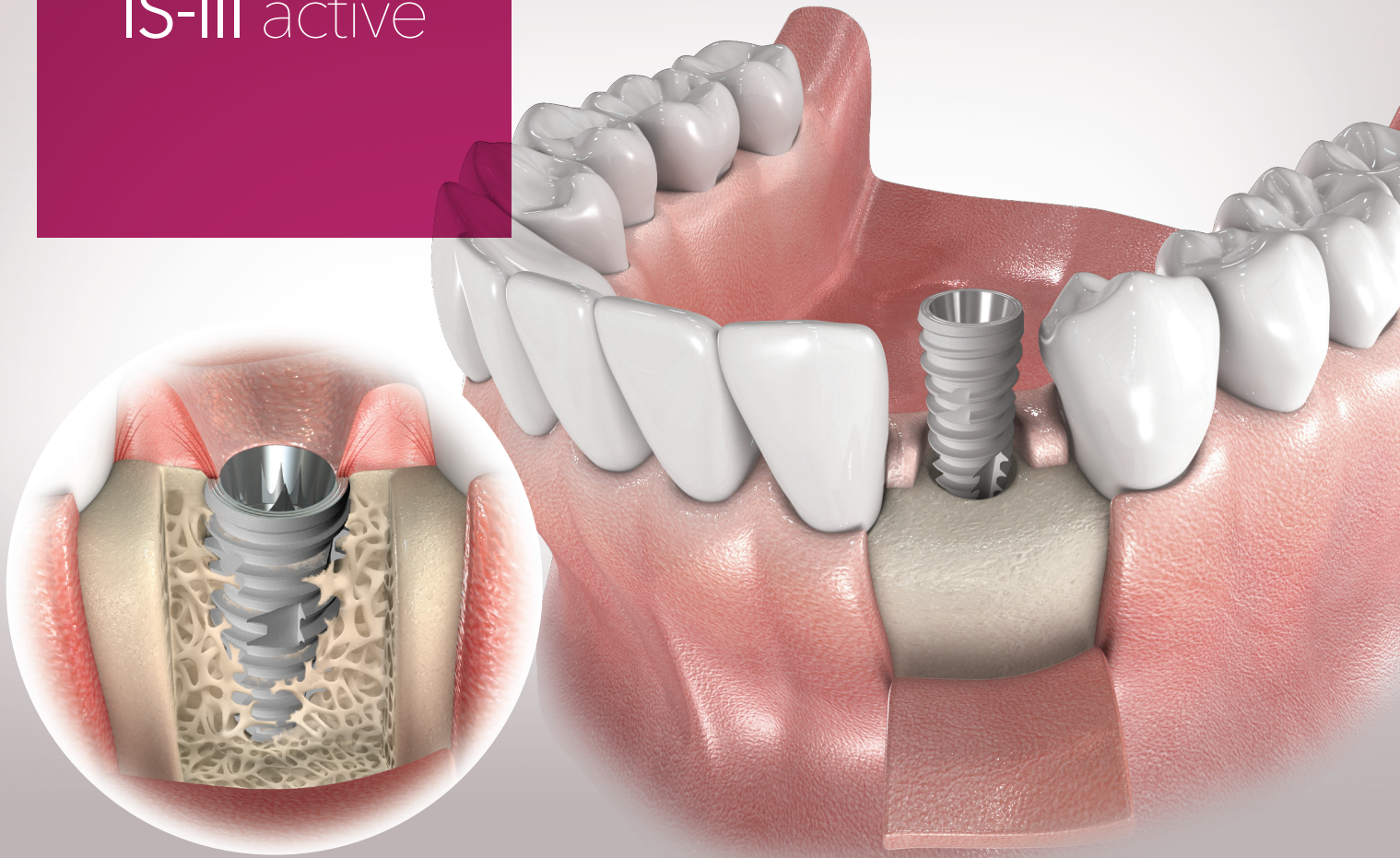


# IS-III active



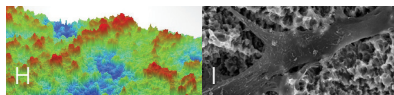
IS-III active implant is structured to maximize initial stability and facilitate faster osseointegration with its scientifically proven SLA surface and fixture body design

## Connection

- A. Thicker Platform
- B. Anti-screw Loosening
- C. Abutment Compatibility

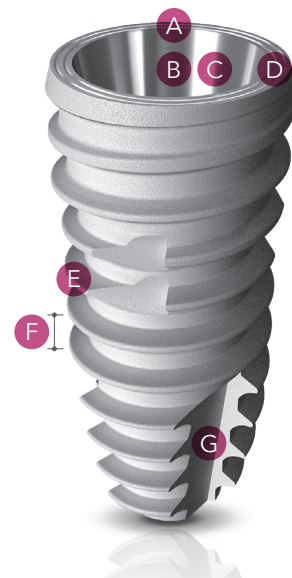
## Surface

- H. S.L.A. Surface
- I. Cell Adhesion Ability



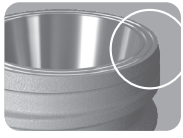
## Design

- D. Platform Microgroove
- E. Magic Threads
- F. 0.9 Pitch
- G. Wide Cutting Edge

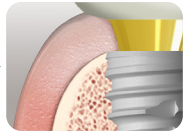


## Microgroove & Connection

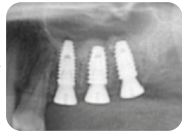
### Minimize Bone Loss



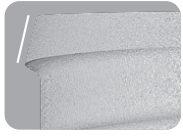
Platform microgroove



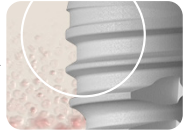
Enhanced soft tissue barrier sealing



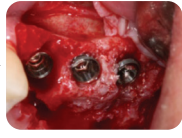
Minimize bone loss from soft tissue integration and optimized soft tissue seal



Open threaded bevel coronal

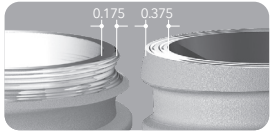


Minimize bone loss & maintain bone level

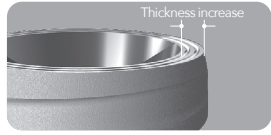


Successful osseointegration to bone level

### Stronger Connection



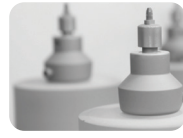
Maintain connection thickness over 3mm



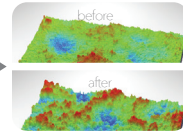
Increased connection strength

## S.L.A Surface

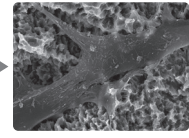
### Facilitate Osseointegration



Processing technique improved on the S.L.A. Surface



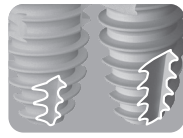
40 percent increased in surface area



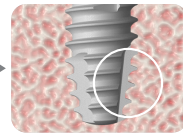
Reduced osseointegration time (50 percent increased in cell adhesion)

## Wide Cutting Edge

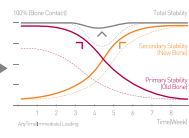
### Ideal Initial Fixation



Doubled cutting edge surface



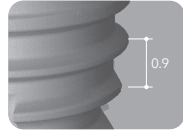
Improved Self-tapping ability while minimizing bone compression



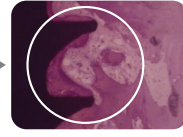
Maximized initial fixation (AnyTime Loading)

## 0.9 Pitch

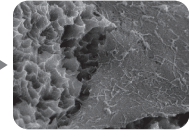
### Minimize Bone Compression



Increase thread pitch to 0.9



Minimal bone compression (Prevents bone necrosis)

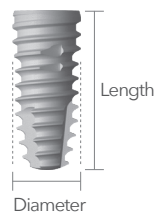


Provide optimal condition for osseointegration

## IS-III active placement in the posterior mandible



IS-III active fixtures were placed in #45, 46, and 47 with ITV between 35 to 45Ncm. 3 months after surgery, a definitive 3-unit zirconia SCRPF were delivered.



IS-III active

Diameter (Ø)	Length (mm)
3.5	8.5 / 10.0 / 11.5 / 13.0
4.0 / 4.5 / 5.0 / 5.5 / 6.0	7.3 / 8.5 / 10.0 / 11.5 / 13.0