

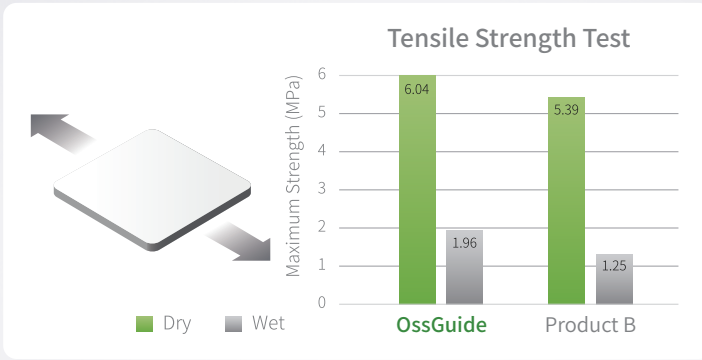
Absorbable Collagen Membrane

# OssGuide

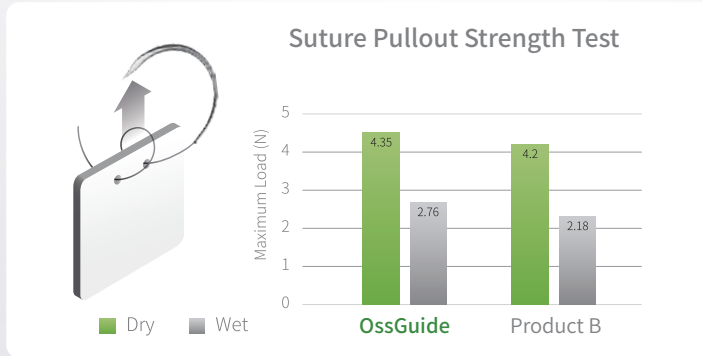
- Easy to handle and has excellent adaptation to surface contour
- Supports new bone formation and soft-tissue healing
- Functions as a bioresorbable scaffold and excellent barrier

**HIOSSEN**  
IMPLANT

## Easy to handle and has excellent adaptation to surface contour



- The tensile strength prevents from tearing and enables stability of adhesion to the bone defect area
- Used without surface distinction on either side before or after hydration

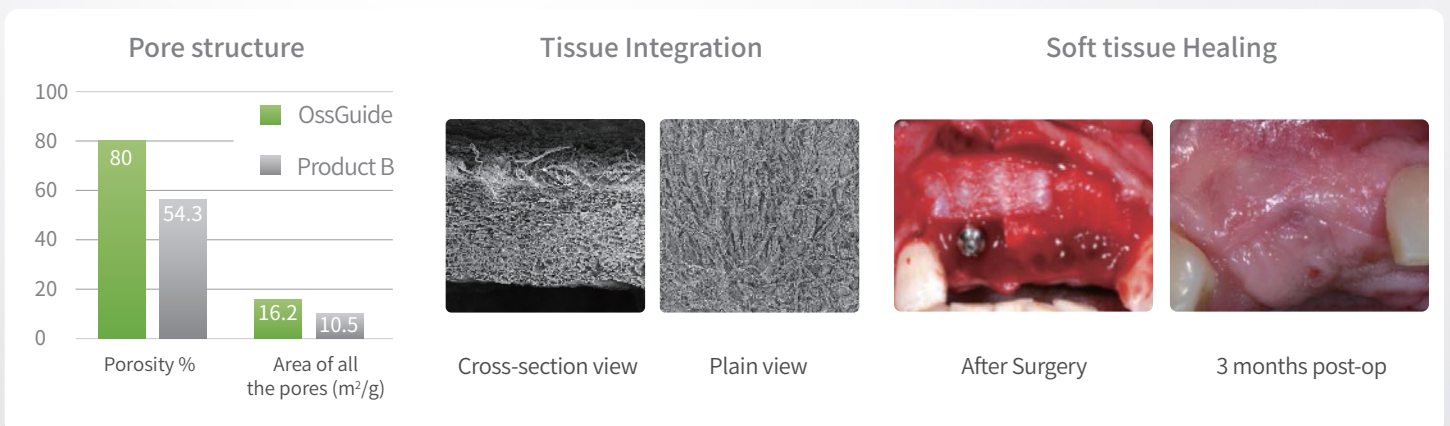


- Distinct structure for higher suture pullout strength Enables enough mechanical strength Low risk of detachment



## Supports New Bone Formation and Soft-tissue Healing

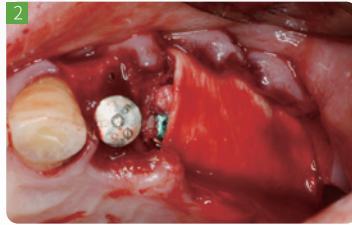
- Multi-pore structure enhances rapid blood supply, expediting the process of new bone formation



## Ridge Preservation



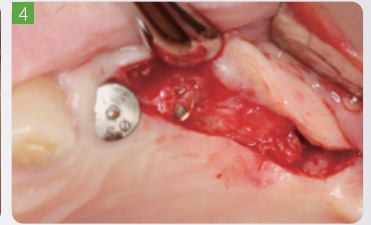
Horizontal bone defect



Completely cover the defect area with OssGuide



Stable condition of soft tissue



4 months post-op

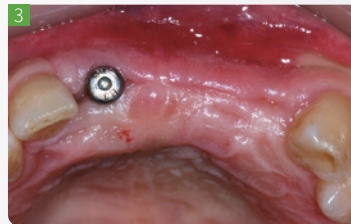
## Dehiscence Defect



Large buccal dehiscence defect



Apply OssGuide to the defect



Excellent soft tissue formation

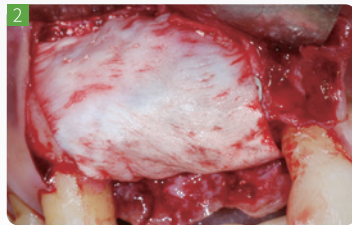


4 months post-op

## Fenestration



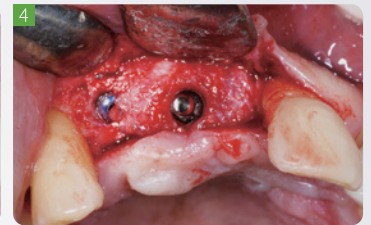
Large buccal dehiscence & fenestration defect



Apply OssGuide to the defect



Stable healing of soft tissue



4 months post-op

## Horizontal Augmentation



Horizontal bone defect



Apply OssGuide to the defect



Excellent soft tissue formation with volume maintenance

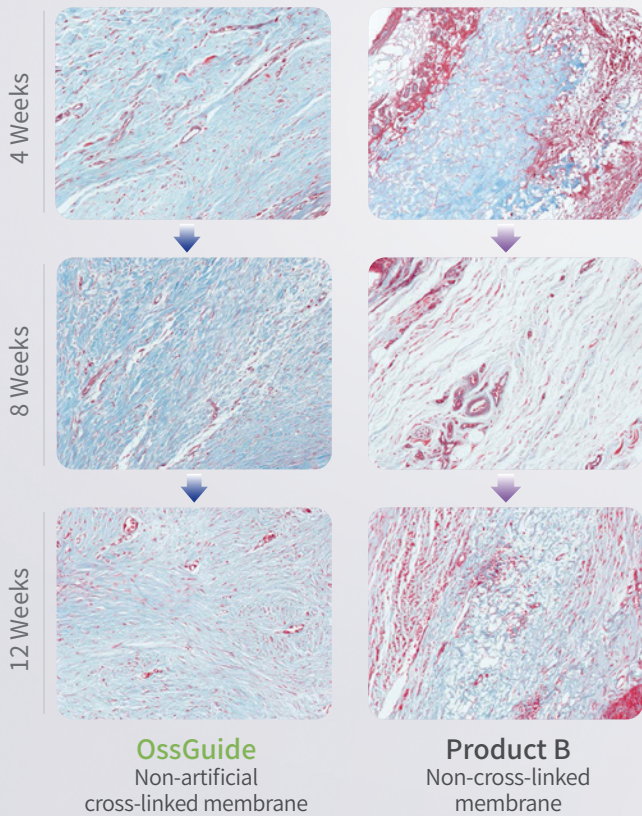


New bone formation in the 2nd surgery

## Functions as a bioresorbable scaffold and excellent barrier

- Cross-linked highly purified collagen
- Facilitates soft tissue healing and effectively maintains the ridge as a barrier

### Collagen membrane resorption test (Canine model) MT staining test



- During the testing period, the collagen fiber of OssGuide maintained initial thickness and length
- On the other hand, the collagen fiber of Product B became shorter and thinner at weeks 4
- After a duration of 12 weeks, it is observed that Product B exhibits thinner and shorter collagen fibrils in comparison to the OssGuide

## Specification



**TG-1**  
15mm x 20mm



**TG-2**  
20mm x 30mm



**TG-3**  
30mm x 40mm