



Absorbable Collagen Membrane For GBR



For Dental Surgery

Oradapt® is high purified type I collagen membrane derived from porcine tissue for guided bone regeneration. It is used as a curtain for guidance of periodontium in treatment of GBR etc., being used with bone graft material (BGM) or direct adhesion to damaged bone or periodontium.

● Advantage of the Product

High Quality

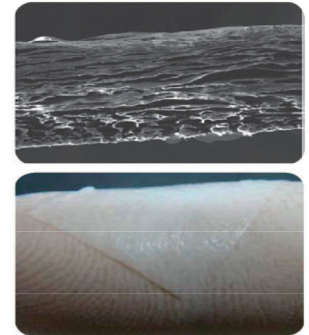
Oradapt® has excellent tensile strength and is not easily torn.
Oradapt® is absorbed slowly and is maintained in the body for a long period.

Easy Handling

Oradapt® has excellent flexibility and shows good performance on adhesion and cohesion to the bones.
Oradapt® is excellent for holding a shape.

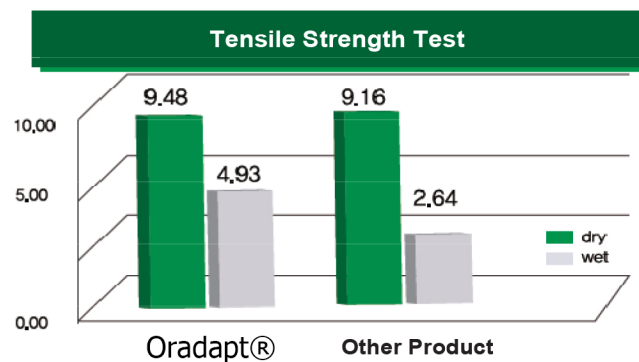
Convenience

Oradapt® is fast hydrated and not easily torn while in use.
Oradapt® can be used regardless of front and back side.



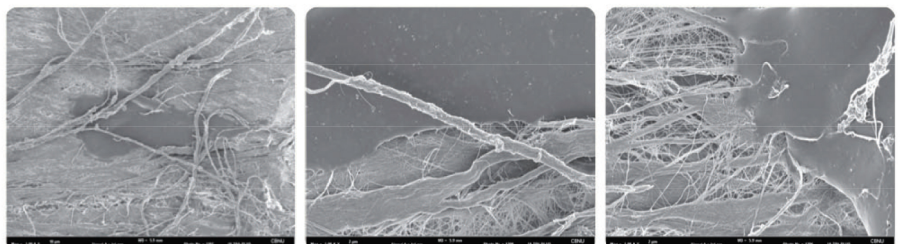
● Comparison with other product

Product	Interior Dissolution period
Oradapt®	After 3 months
Other product	Within 2 months

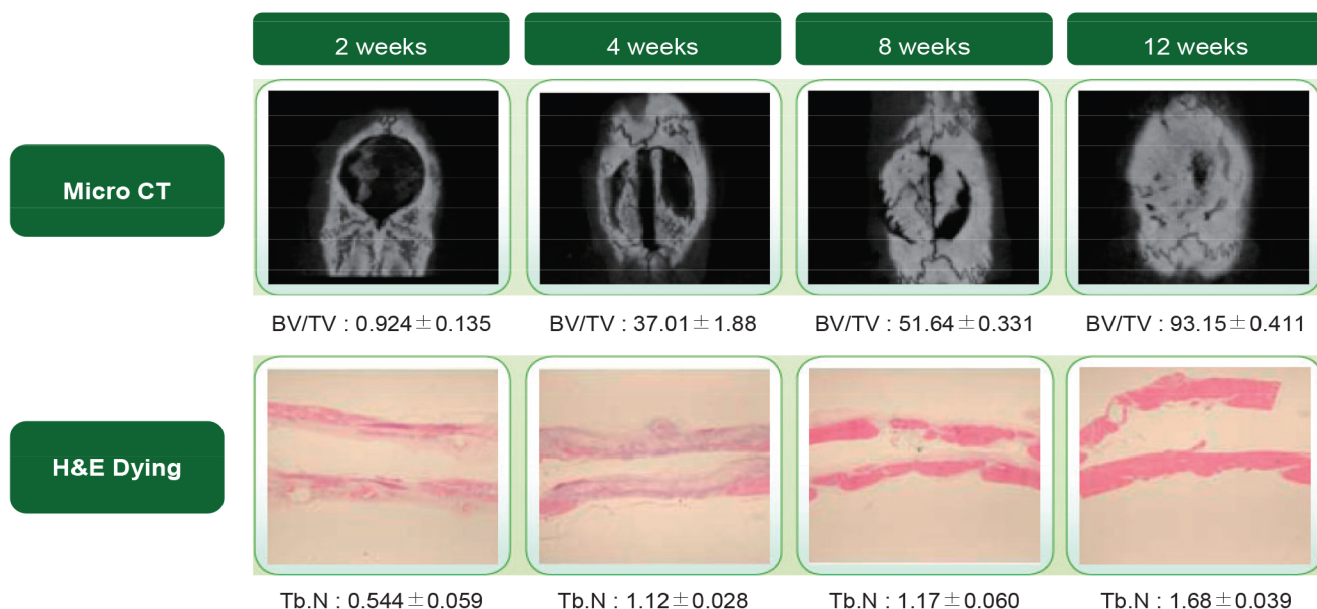


● Osteoblast Cell Adhesion Test

After the cultivation by U-2OS osteoblast cell line, it is confirmed by SEM that bone cell is well adhered and replicated on surface of Oradapt® in day 3.



● Bone Volume, Bone Intensity Test (Rat's Calvarial Bone Defect Model)

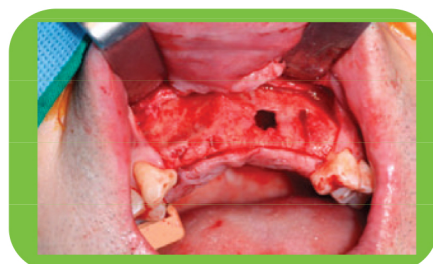


* BV/TV : trabeculae volume / total volume

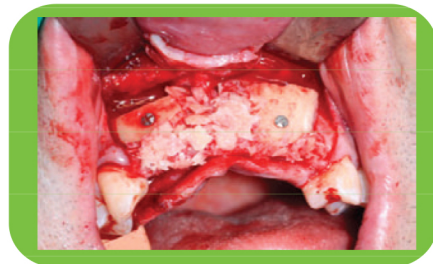
* Tb.N : number of trabeculae, higher value means stronger bone intensity

- In reviewing the result of micro CT in rat's calvarial bone defect models, after 12 weeks from the operation, a bone volume of Oradapt® is increased up to 93.15 and bone intensity is up to 1.68. In reviewing the opinion of tissue inspection, after 12 weeks from the operation, Oradapt® shows perfect bone generation.

● Clinical Application



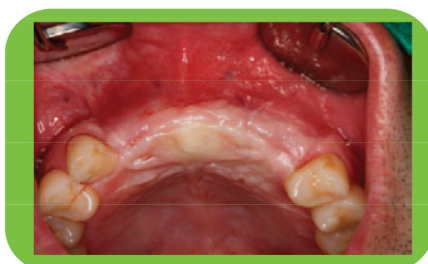
Before Application



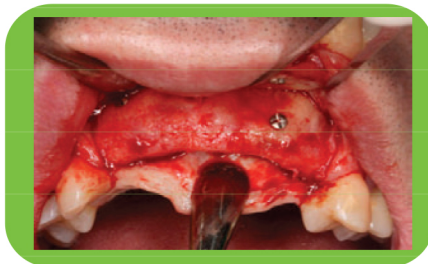
Application of Bone graft



Application of OssGuide™



After 4 months



Opened, After 4 months

● Ordering Information

Item Name	Type	Size
Oradapt®	OD1520	15mm x 20mm
	OD2030	20mm x 30mm
	OD3040	30mm x 40mm