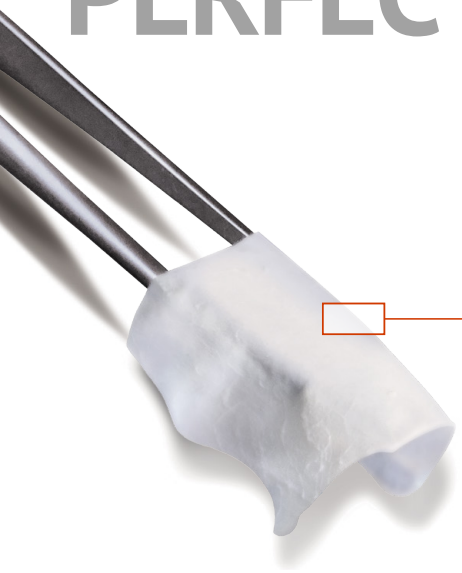
OSTEOGENICS | ZMATRIX™ porcine peritoneum collagen membrane

PERFECTLY SOFT



Easy Handling
- *Does not stick to instruments or itself*
- *Either side can face the defect*
- *Low surface expansion when hydrated*

High Tensile Strength[1]
- *High suture retention*
- *High tear resistance*

Facilitates New Bone Formation[2, 3]
- *Significantly higher new bone formation in the central portion of the defect, in comparative in vivo study*

Available Sizes (1 per box)

15 mm x 20 mm | ZM1520

25 mm x 30 mm | ZM2530

30 mm x 40 mm | ZM3040

High Success Rate Proven in Randomized Controlled Trial[4]

In a randomized controlled trial published by Urban et al., Zmatrix™ and control membrane BG similarly reduced defect height after simultaneous GBR and implant placement.

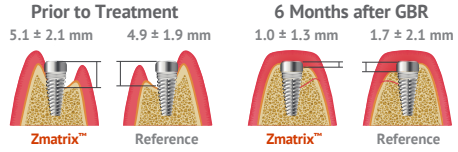
High Tensile Strength and Suture Retention[1]

Studied *in vitro* compared to other collagen membranes
- Showed the highest suture retention when hydrated (6.1 N)
- Demonstrated the highest force at break, wet (21.2 N)

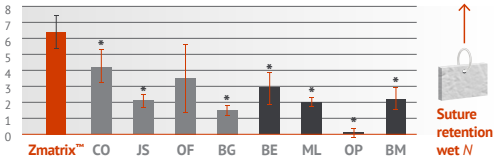
Stable During the Period Required for Barrier Function[5]

After 20 weeks in an animal model, the thickness of Zmatrix™ decreased only slightly, whereas control membrane BG showed around a 50% thickness loss.

Schematic Showing the Defect Height:



Comparison of Commercial Membranes in a Hydrated State



**Statistically significant*

1. Gasser A, et al. J Dent Res 2016,95 (Spec Iss A): 1683 2. Wessing B, et al. Clin Oral Impl Res; 2017;28(11):e218-e226 3. Omar O, et al. Clin Oral Impl Res; 2018;29(1):7-19 4. Urban I, et al. Clin Oral Impl Res. 2019;30:487–497 5. Bozkurt A, et al. Clin Oral Impl Res; 2014;25(12):1403-1411.

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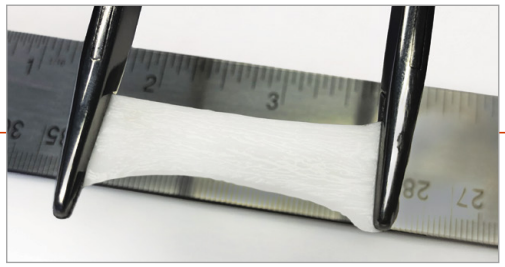

- **Designed to drape without adhering to itself**
- **Natural peritoneum collagen structure provides for elasticity**

Selection of Zmatrix™ References

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