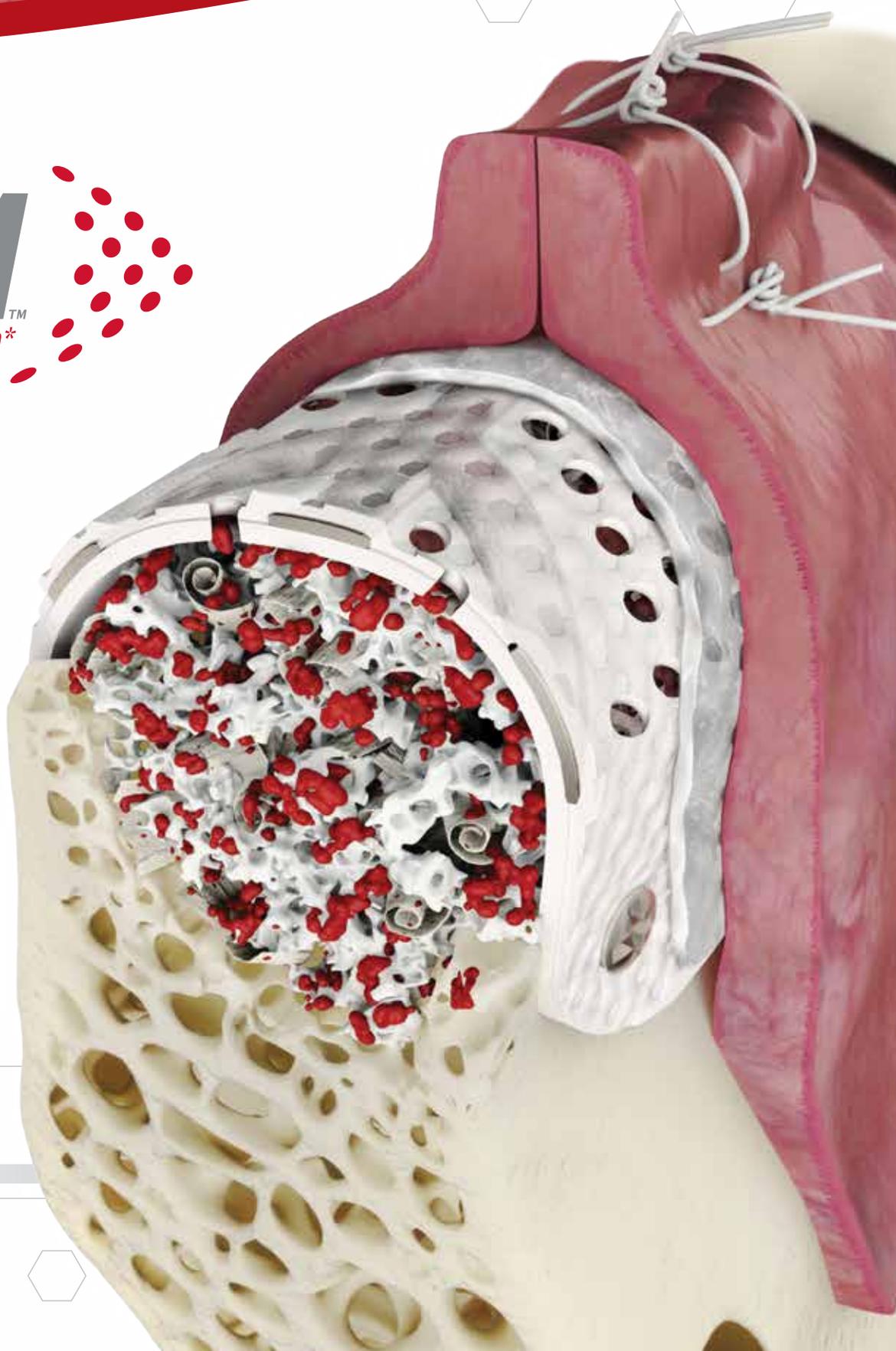


NEW

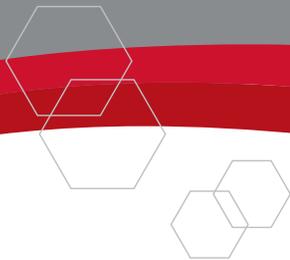
RPMTM

*reinforced ptfe mesh**



*U.S. Patent Pending

RPM's unique circular macroporous design allows for direct contact between the bone graft and periosteum, allowing naturally occurring revascularization and infiltration of cells into the bone graft.



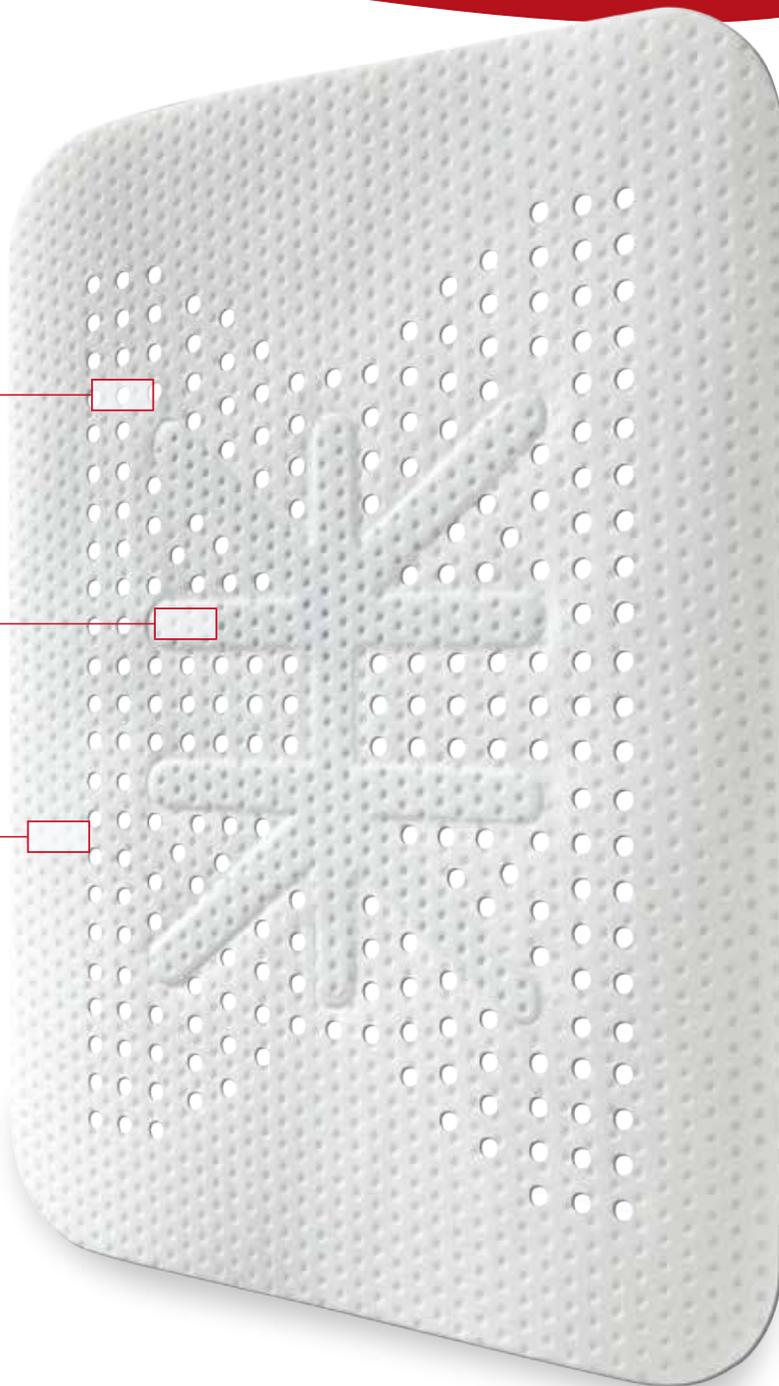
Hybrid Approach:

Adaptability of a membrane with the porosity of a mesh

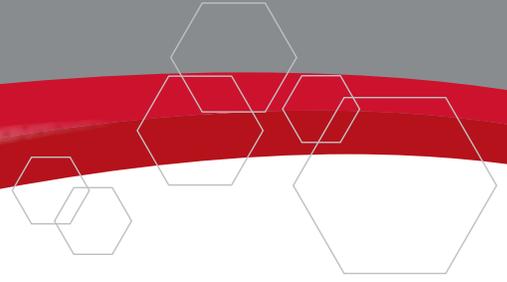
Circular Macropores allow direct contact between bone graft and periosteum, allowing naturally occurring revascularization and infiltration of cells into the bone graft

Titanium Frame maintains space essential for horizontal and vertical ridge augmentation

PTFE Mesh easily conforms to tissue contours



CASE STUDY: Ridge Augmentation Using Reinforced PTFE Mesh



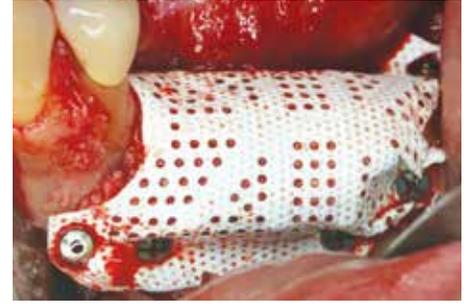
Case Photos Provided by Istvan Urban DMD, MD, PhD



1. Labial view of an atrophic posterior mandibular area.



2. A 1:1 mixture of autogenous and xenogenic bone graft is placed on the ridge. Cortical bone was perforated, and an RPM Reinforced PTFE Mesh was secured on the lingual side before applying bone graft.



3. An RPM is secured over the graft with titanium pins and screws.



4. After 9 months of healing the augmented site is exposed, and the RPM will be removed.



5. & 6. Labial and occlusal views of the regenerated bone after 9 months of healing.



7. & 8. Labial and occlusal views of two implants placed into regenerated bone.



 *Configurations* not shown actual size

Versatile Rectangular Shapes

These configurations can be trimmed to fit a variety of defects



PS

20 mm x 25 mm



PL

25 mm x 30 mm



XL

30 mm x 40 mm



XLK

30 mm x 40 mm



XLKM

30 mm x 40 mm



K2

40 mm x 50 mm

Shapes with Fixation Points

These configurations are designed with fixation points outside of the defect area



BL

17 mm x 25 mm



PST

25 mm x 36 mm



PLT

30 mm x 41 mm

Interproximal Shapes

These configurations are designed to fit between existing teeth



ATC

24 mm x 38 mm



ATCM

24 mm x 38 mm



PTC

38 mm x 38 mm



PTCM

38 mm x 38 mm



PD

38 mm x 38 mm



PDMR

38 mm x 38 mm



PDML

38 mm x 38 mm