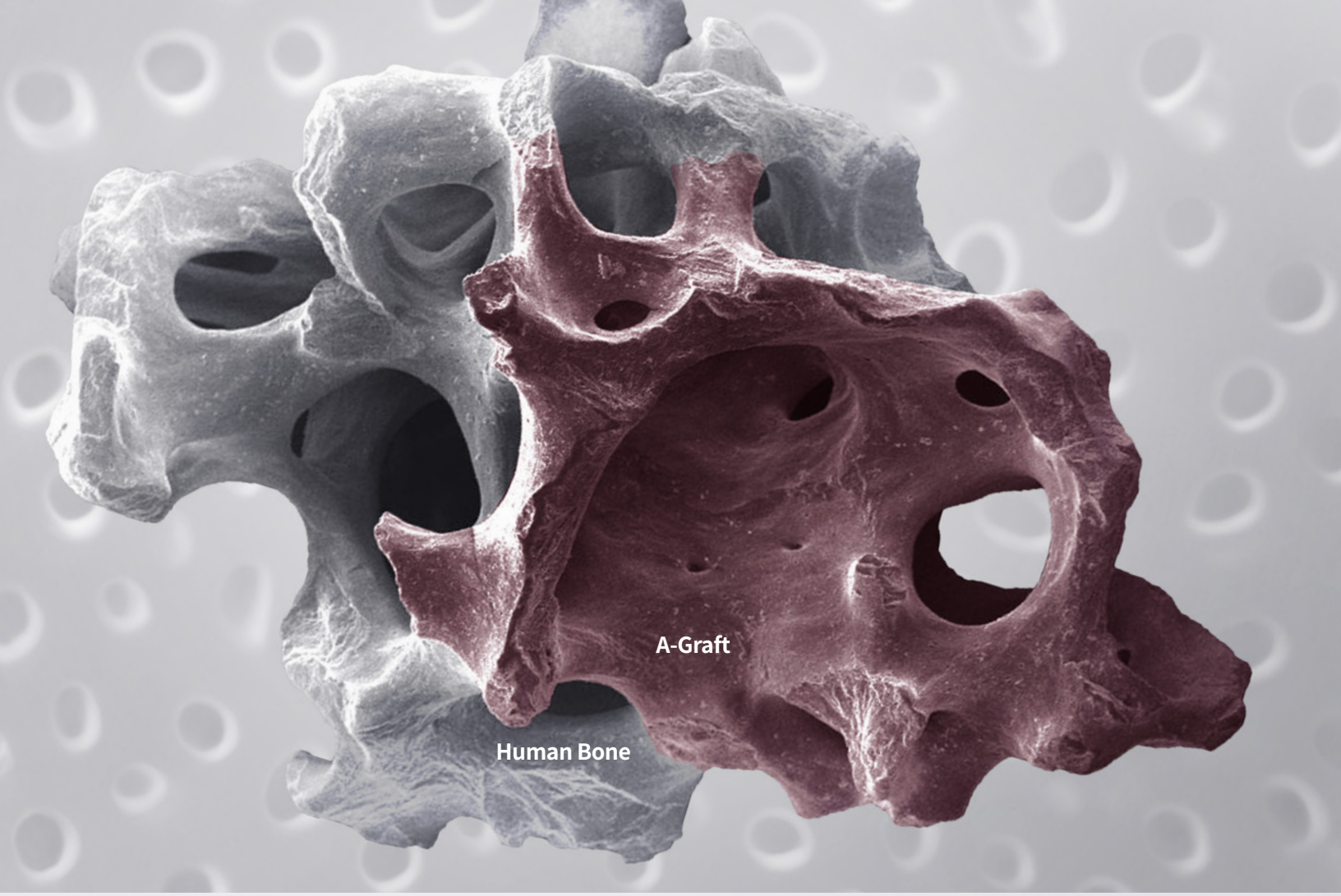


Xenogeneic Bovine Bone Grafting material with enhanced Bioactivity and Osteoconductivity

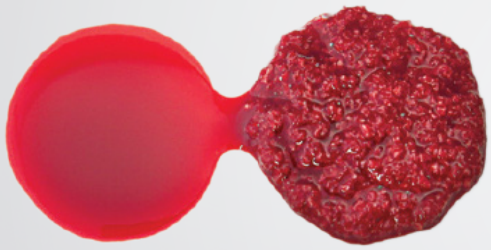
A-Graft

- Ideal Matrix for Regeneration of Bone Tissue
- Stable Scaffold for the Predictable Outcome
- Optimized for Esthetic Zone Providing Stable Volume Maintenance

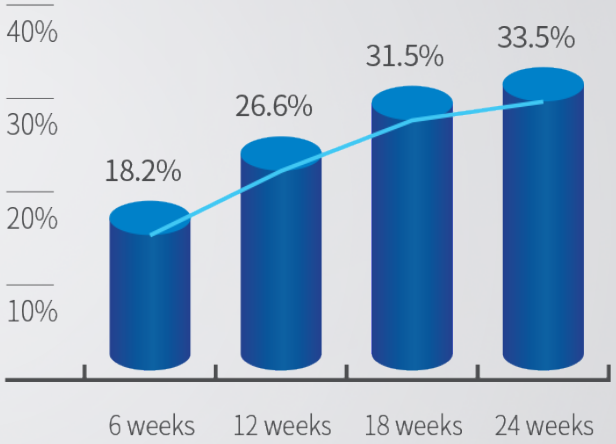
HIOSSEN IMPLANT

Hydrophilic Feature

- Surface morphology allows protein absorption and enhances osteoblasts attachment to form new bone on the A-Graft surface



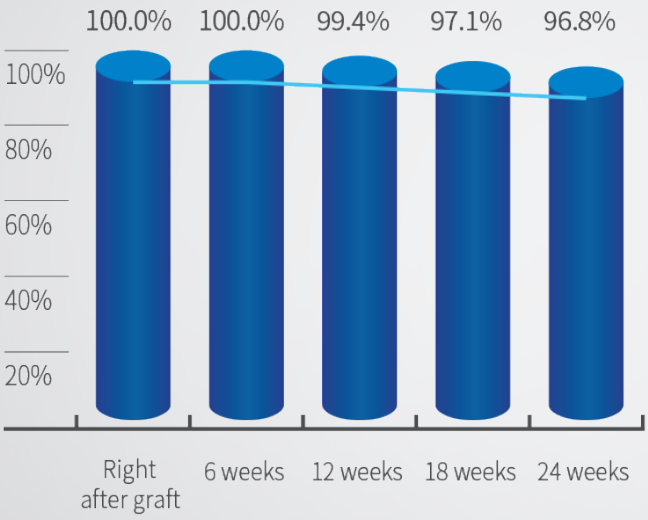
Blood affinity



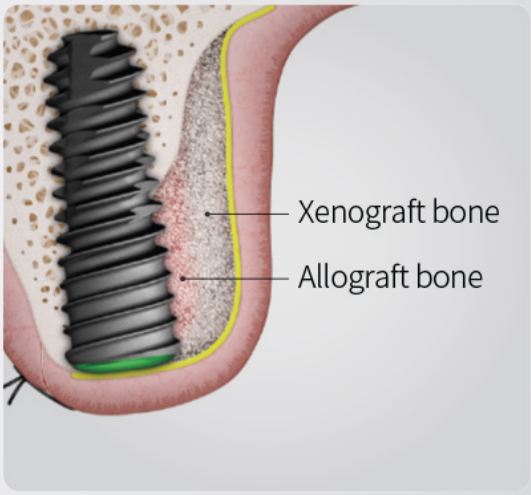
Volume of newly formed bone

Volume Preservation

- A-Graft generates an osteoconductive scaffold during osteogenesis. It can be mixed with allograft or synthetic bone to maximize outcome
- Predictable results can be expected in the anterior region



Volume preservation by weeks



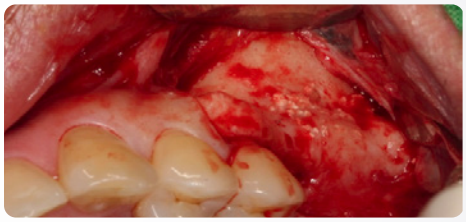
Mixed use with other graft materials

Clinical Cases

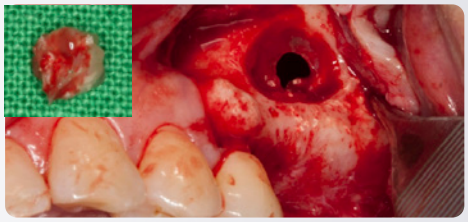
Clinical Case 1 : Sinus Grafting (Male/44 years old)

Pre-surgery PANO

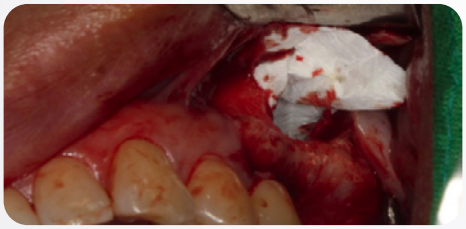
Other dental clinic's failed case



Maxillary sinusitis



A-Graft / Allograft Transplantation



Implant placement

Final restoration

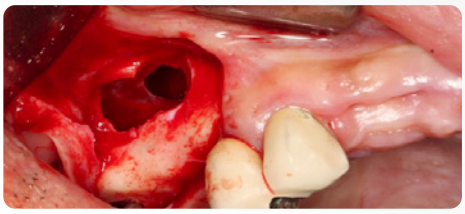
Conclusion:

A case involving bone grafting in a maxillary sinus that had experienced previous maxillary sinusitis is presented. After 6 months of A-Graft/allograft bone grafting, stable clinical observations were noted, and the prognosis appears favorable up to the final prosthesis placement.

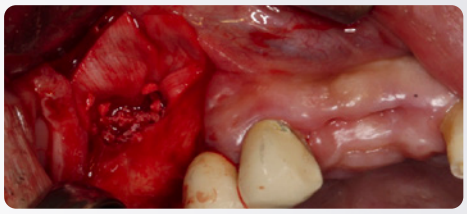
Clinical Case 2 : Tearing of membrane (Male/48 years old)

Pre-surgery

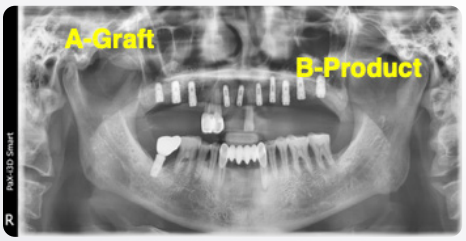
Tearing of the membrane



A-Graft / Allograft Transplantation



3 months after bone grafting



One year post-surgery

Two year post-surgery

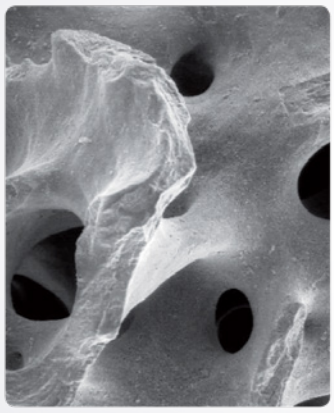
Conclusion:

Evidence is shown of a raised and torn membrane in the right maxillary sinus, which repair was performed using the absorbable collagen membrane, OssGuide while simultaneously conducting bone grafting (A-Graft/allograft) to repair the damaged membrane. After 3 year post-surgery, a relatively stable prognosis is observed compared to B-Product.

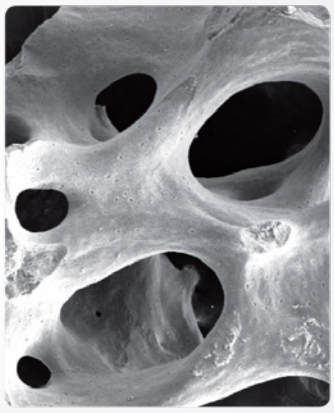
Trabecular Bone Favorable for Osteogenesis

- The unique and interconnecting micropores facilitate inflow of blood and osteogenic cells

Trabeculer Structure SEM (X50)

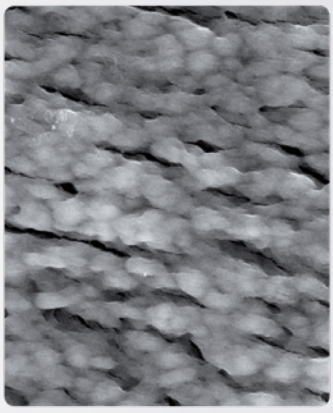


Human Bone

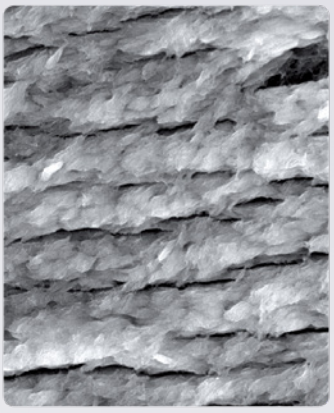


A-Graft

Surface SEM (X5.UDO)



Human Bone



A-Graft

Features & Benefits of A-Graft by Hiossen

- Biocompatible
- Resistance to infection
- Osteoconductive
- Stable volume maintenance
- Ease of handling
- Reasonable pricing

Indications

- Alveolar bone and sinus augmentation
- Extraction socket grafting
- Grafting after the implant placement
- Periodontal defects

Risk Free Trustworthy Material

Prather Ranch supplies bovine material in compliance with ISO22442-2 for exceeding the "fit for Human consumption" requirement. On site USDA, Ante & Post Mortem Inspection

Ordering Information

A-Graft		
g	P	**0.25~1.0mm (Small)**
0.1 (0.2cc)		HAS010SV
0.25 (0.5cc)		HAS025SV
0.5 (1.0cc)		HAS050SV
1.0 (2.0cc)		HAS100SV
2.0 (4.0cc)		HAS200SV
g	P	**1.0~2.0mm (Large)**
0.1 (0.3cc)		HAS010LV
0.25 (0.75cc)		HAS025LV
0.5 (1.5cc)		HAS050LV
1.0 (3.0cc)		HAS100LV
2.0 (6.0cc)		HAS200LV

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