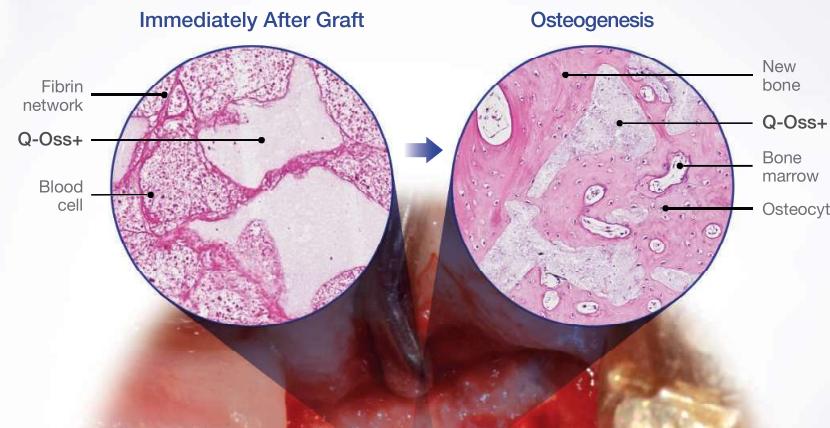
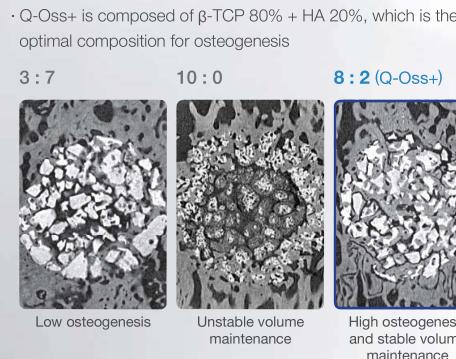


Synthetic Bone Graft with Excellent Osteogenesis and Bone Replacement (Synthetic Bone Substitute)

Q-OSS+

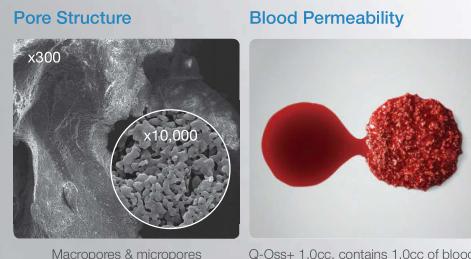
- Optimal composition for osteogenesis (β -TCP 80% + HA 20%)
- Outstanding pore structure and blood wettability
- Excellent bone replacement capacity is appropriate for use at sites requiring bone tissue replacement

Optimal Composition for Osteogenesis



Outstanding Pore Structure and Blood Wettability

- Inter-connected micropores create high specific surface area (mean $2.0 \text{ m}^2/\text{g}$)
- Outstanding blood permeability and osteoblasts in blood lead to osteogenesis



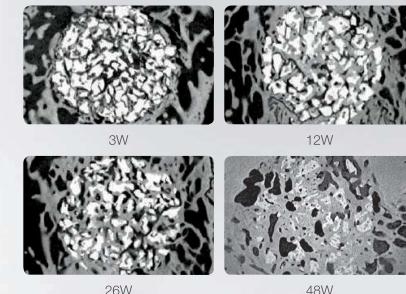
Outstanding Pore Structure and Blood Wettability

- Q-Oss+ is gradually disintegrated / absorbed during the period of new bone formation
- Appropriate for implant surgeries and posterior areas where bone replacement is required

Osteogenesis



Bone Replacement (Micro-CT)



GBR Regeneration Solution

Osstem GBR Line-Up

Bone Graft Material						Membrane		Builder
Allograft			Xenograft		Synthetic Bone Graft	Absorbable		Non-absorbable
Powder / Chip	DBM	Block Bone	Powder / Chip	Collagen	Powder / Chip	Collagen	Human Dermis	PTFE
SureOss Cortical 100%	SureOss-D Deminerlized cortical 100%	SureFuse Deminerlized/gel, putty type	Genesis	A-Oss Bovine bone	Ossbone Porcine bone	Q-Oss+ TCP 80% + HA 20%	OssGuide Porcine collagen	SureDerm Human dermis
CANOSS Cancellous 100%	OsteOss Cortical 50 + cancellous 50%	ExFuse Deminerlized + cancellous/gel, putty type			Bongros HA100%	Cytoplast RTM Bovine collagen	Cytoplast Densed PTFE	
Ingross Deminerlized + cortical		BellaFuse Sheet type, deminerlized						OssBuilder 3D pre-formed titanium membrane

