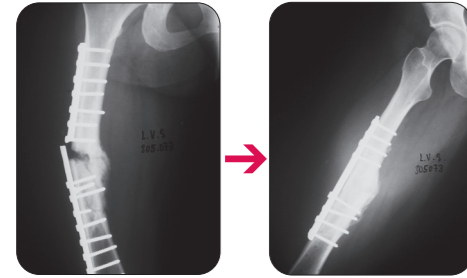
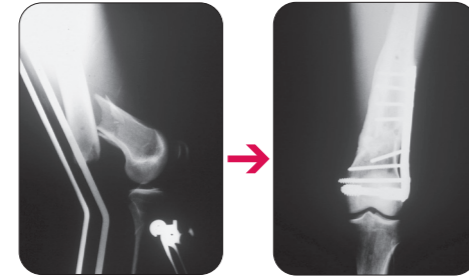


## SURGICAL INDICATIONS

SUPPORT IN CONSOLIDATION OF FRACTURES AND PSEUDOARTHROSES  
(short bone, long bone, irregular bone)

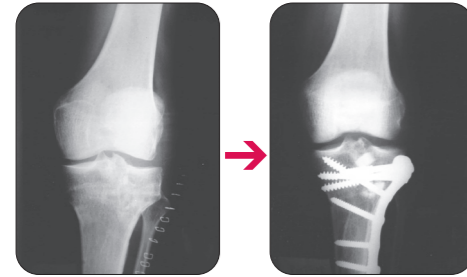


• 6 months

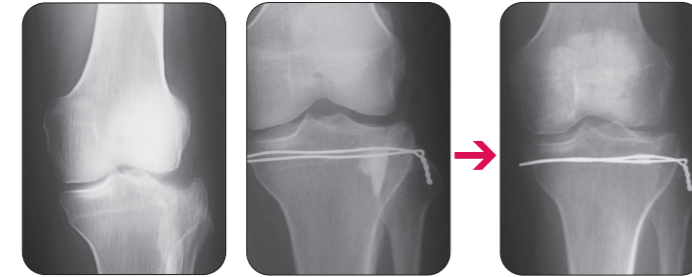


• 11 months

TIBIAL PLATEAU ELEVATION, OSTEOTOMY

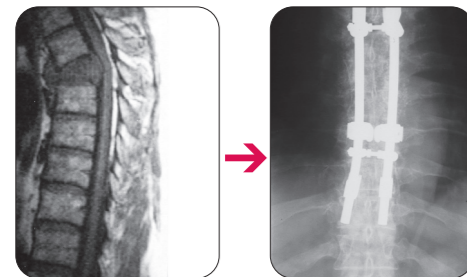


• 24 months



• 9 months

INTERVERTEBRAL FUSION  
AFTER TUMOR RESECTION



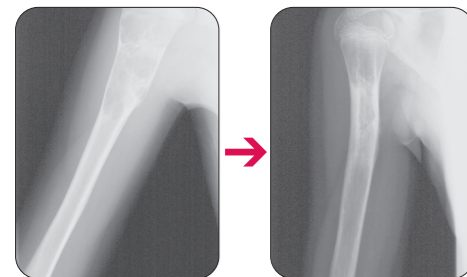
• 6 months

POST-LATERAL ARTHRODESIS



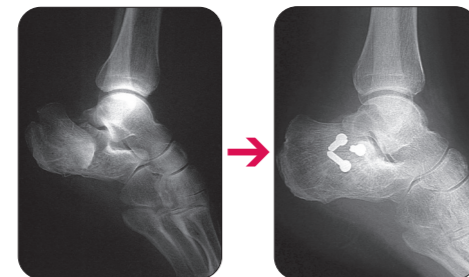
• 24 months

FILLING AFTER TUMOR RESECTION  
AND CURETTAGE



• 5 months

CALCANEUM RECONSTRUCTION



• 5 months

## CALCIRESORB *Bone Like*

	SHAPES	POROSITY	APPLICATIONS	DIMENSIONS (mm)	VOLUME	REFERENCES
BLOCKS		75 % Ø pores 500 µm	Cortico-cancellous filling	20 x 5 x 5	0.5 cm <sup>3</sup>	6930
				20 x 5 x 5 (5 units)		6931
				10 x 10 x 10	1 cm <sup>3</sup>	6932
				Ø8 – L 10	0.5 cm <sup>3</sup>	6937
				Ø8 – L 10 (5 units)		6938
FRAGMENTS			Void filling, fracture, reconstruction, spinal arthrodesis	4 mm	10 cm <sup>3</sup>	6946
					20 cm <sup>3</sup>	6948

## CALCIRESORB *Classic*

	SHAPES	POROSITY	APPLICATIONS	DIMENSIONS (mm)	VOLUME	REFERENCES
BLOCKS		30 % Ø pores 100-400 µm	Osteotomy for restoration of tibial plateau	30 x 20 x 6 - angle = 8°	2,1 cm <sup>3</sup>	1612
				30 x 20 x 8 - angle = 11°	2,8 cm <sup>3</sup>	1613
				30 x 20 x 10 - angle = 14°	3,3 cm <sup>3</sup>	1614
				30 x 20 x 12 - angle = 16°	4,1 cm <sup>3</sup>	1615
				30 x 20 x 14 - angle = 19°	4,6 cm <sup>3</sup>	1616
FRAGMENTS		65 % Ø pores 100-400 µm	Void filling, fracture, reconstruction, spinal arthrodesis	1 – 2 mm	10 cm <sup>3</sup>	6707
				2 – 3 mm	5 cm <sup>3</sup>	6730
					10 cm <sup>3</sup>	6731
				3 – 4 mm	10 cm <sup>3</sup>	6741
					15 cm <sup>3</sup>	6742
				20 cm <sup>3</sup>	6743	

Document intended for the exclusive use of healthcare professionals. CALCIRESORB® CLASSIC and CALCIRESORB® BONE LIKE – bone substitutes – are class III CE marked medical devices made by CERAVER – LES LABORATOIRES OSTEAL MEDICAL Company and for which Conformity assessment was carried out by Notified Body G-MED n°0459. CALCIRESORB is intended to bone-void filling by vascular invasion of the ceramic pores and by progressive osseointegration which leads to the replacement of the implant by the bone. Before any surgical procedure, read carefully instructions for use. CALCIRESORB® CLASSIC and BONE LIKE are medical devices covered by Health Insurance under certain conditions. Consult the terms and conditions on ameli.fr website.



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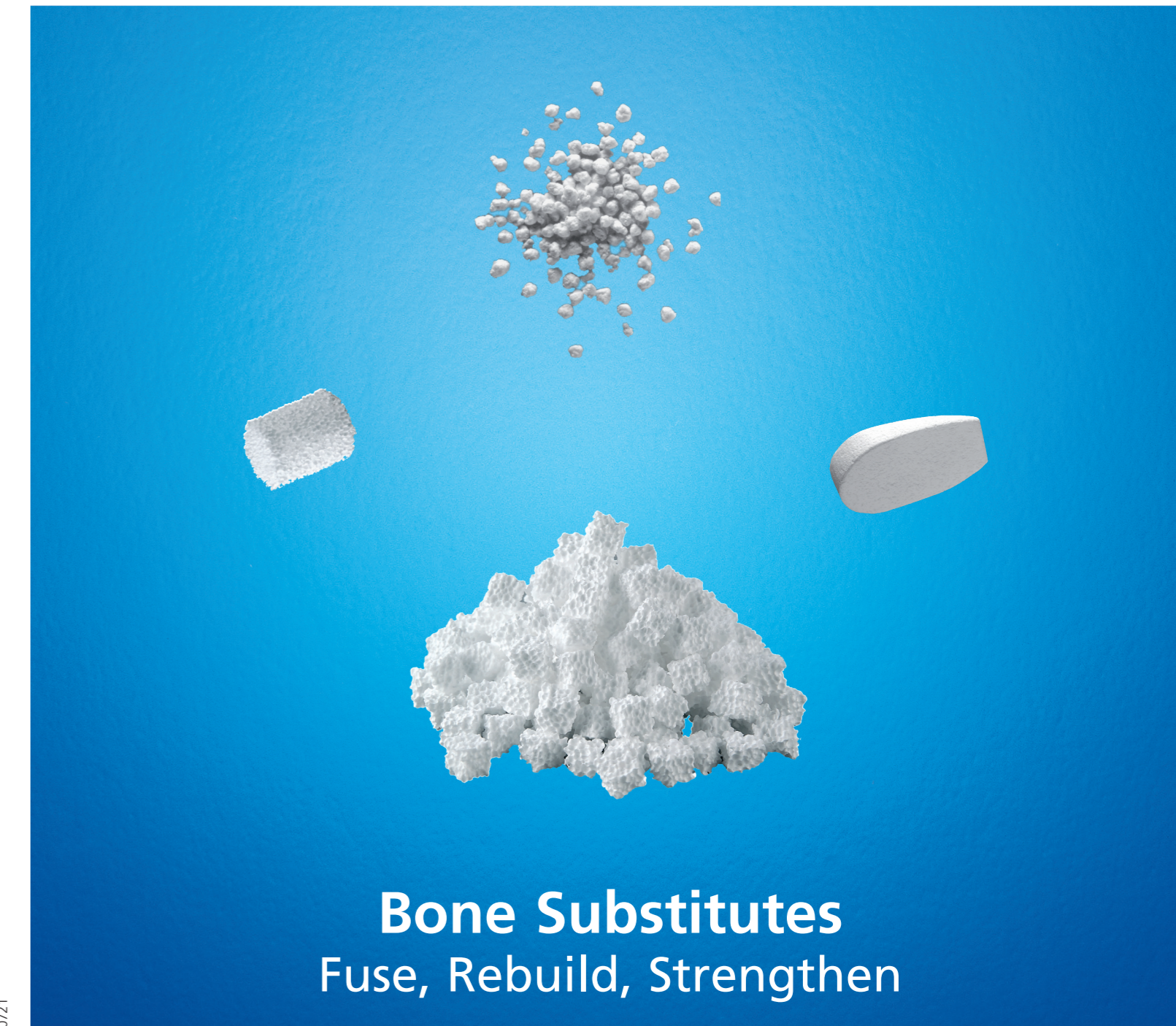
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# CALCIRESORB

*Bone Like* *Classic*



**Bone Substitutes**  
Fuse, Rebuild, Strengthen

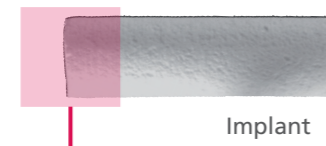




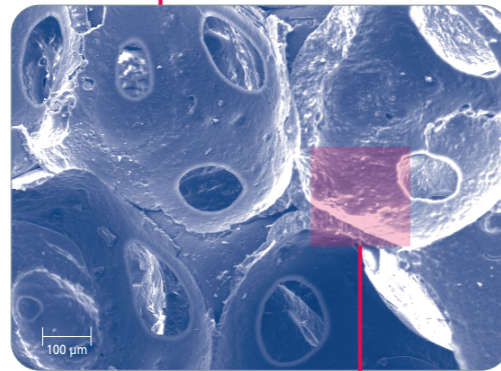
# BONE REMODELING CYCLE

## WHICH IMPLANTS?

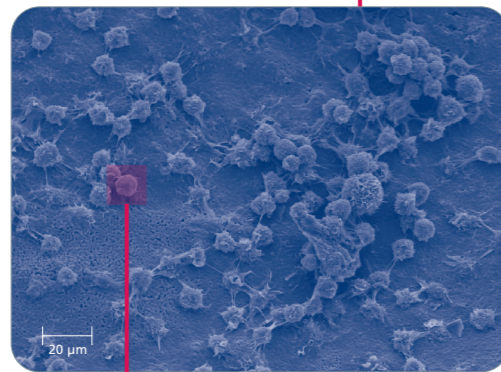
- CALCIRESORB
- $\beta$  Tricalcium phosphate  $\text{Ca}_3(\text{PO}_4)_2$
- Calciresorb Classic: blocks and fragments (30% <porosity <65%)
- Calciresorb Bone Like: blocks and fragments (porosity = 75%)



Implant



Macro structure



Human cell  
Micro structure

## WHAT ADVANTAGES?

- Fully resorbable
- Fully interconnected macroporous structure
- Osteoconduction
- Strong dynamics of bone regeneration

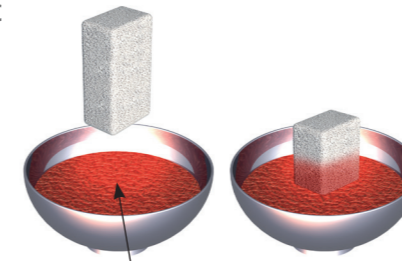
## WHY TRUST US ?

- Clinical follow-up since 1991
- French manufacturing by CERAVER: control of the quality of implants
- Advanced research in cell therapy (CTSA - Percy-Clamart Hospital)

## ■ PEROPERATIVE BIOLOGICAL ACTIVATION

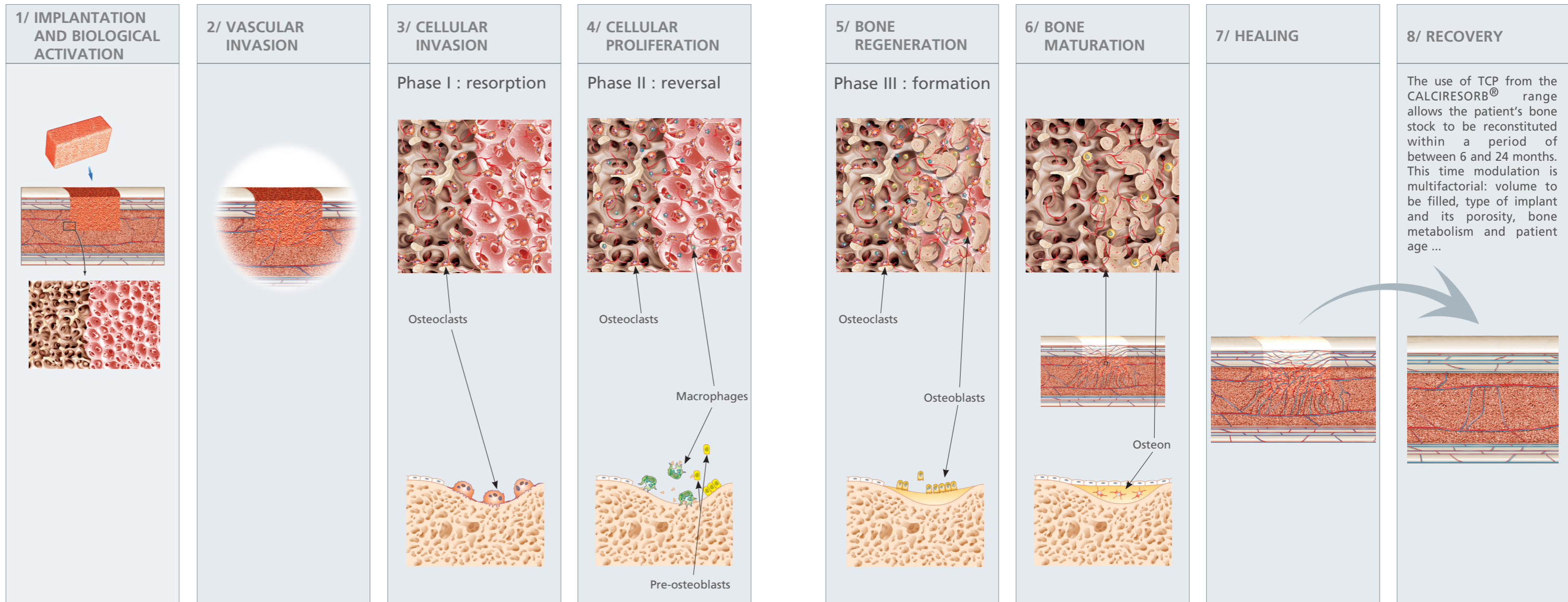
For optimal osteogenesis, the biological activation of ceramic biomaterials can be carried out :

- by adding autologous bone
- by impregnation of blood
- by impregnation of a blood/bone marrow mixture

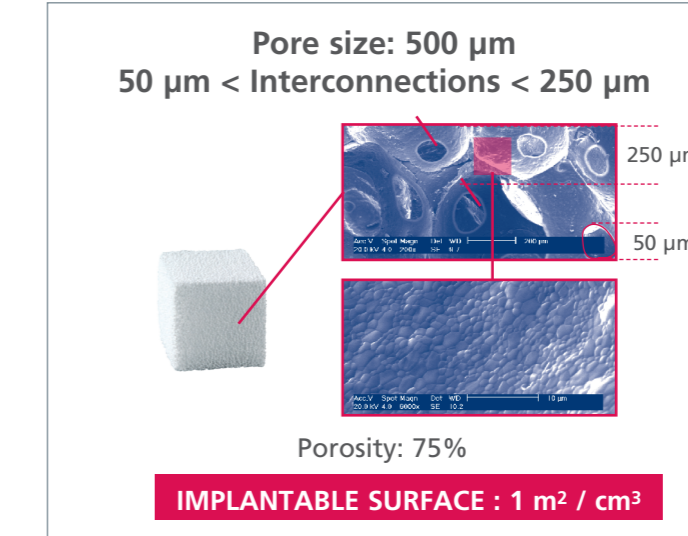


Blood or bone marrow (recommended)

## ■ OSTEOGENESIS PROCESS



## CALCIRESORB *Bone Like*



## CALCIRESORB *Classic*

