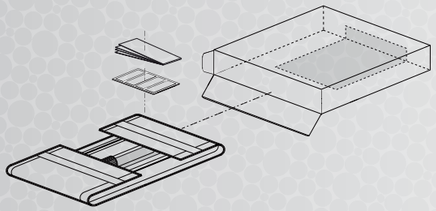
CERAFORM®

Storage

CERAFORM® must be kept, unopened, in its original packaging within a clean environment and at room temperature.



Products

The calcium phosphates used in ceramic production are manufactured and controlled by TEKNIMED and comply with ISO 13779-1, ASTM F1088-04 and ASTM F1185-03 standards.

CERAFORM® is sterilized by radiation at a minimum dose of 25 kGy.
Single use. Do not re-sterilize.
For any further information, please refer to the IFU.

DESIGNATION	REFERENCE	DESIGNATION	REFERENCE
Granules - 3x3x3 mm - 5 cc	T804402	Wedge - 8°	T803008
Granules - 3x3x3 mm - 10 cc	T804405	Wedge - 10°	T803010
Granules - 3x3x3 mm - 15 cc	T804407	Wedge - 12°	T803012
Granules - 3x3x3 mm - 20 cc	T804410		
Granules - 3x3x3 mm - 30 cc	T804415	Sticks (x5) - 5x5x20 mm - 2.5 cc	T807104

bsi. ISO 13485 Medical Devices Quality Management

Classe III

CE 2797

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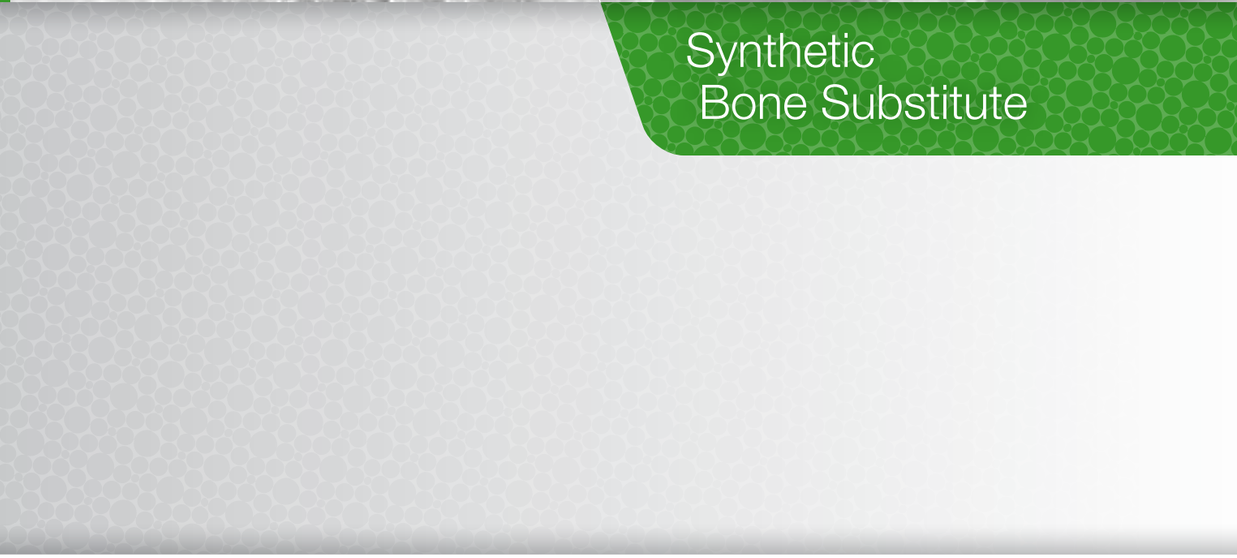
Distributed by

Manufactured by

Teknimed

Crédits photos : © Teknimed - TF431801/Ind 7 - 05/2017

CERAFORM®



Synthetic Bone Substitute

Teknimed

CERAFORM®

CERAFORM® is a synthetic biphasic ceramic made of hydroxyapatite (HA) and beta tricalcium phosphate (β-TCP), totally biocompatible and safe.

Hydroxyapatite $Ca_{10}(PO_4)_6(OH)_2$ is a calcium phosphate similar to the mineral phase of bone tissue. Tricalcium phophate $Ca_3(PO_4)_2$, more soluble than HA, improves the resorption kinetics of CERAFORM®.

SYNTHETIC

Eliminates infection and immunological risks.

BIOCOMPATIBLE

No adverse biological reaction nor toxicity.

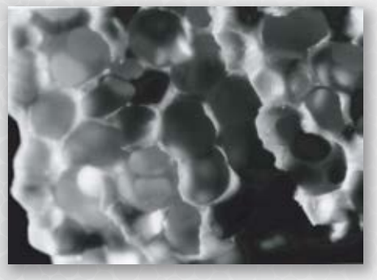
OSTEOINTEGRABLE

Perfectly integrated into the bone tissue.

Biphasic ceramic HA/TCP,
an **ideal answer** to bone defects

Properties

- 65% HA / 35% β-TCP
- Pores size 150-400 µm
- Interconnected porosity
- 60-85% porosity

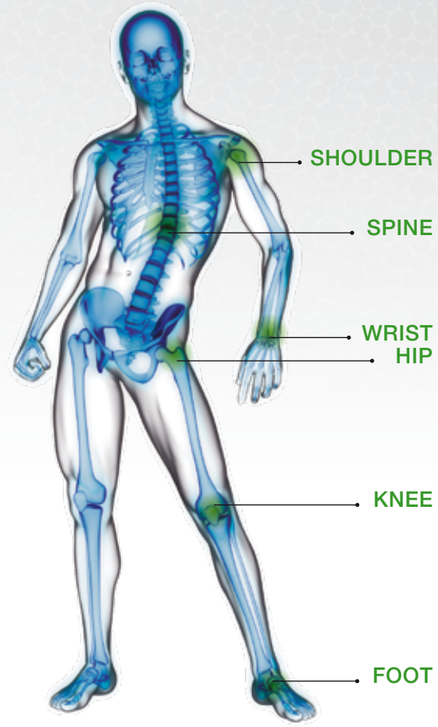


Indications

CERAFORM® **is intended for application as a bone filler. It is indicated to be applied into bone void of skeletal system (extremities, pelvis, spine and in postero-lateral spine fusion procedure).**

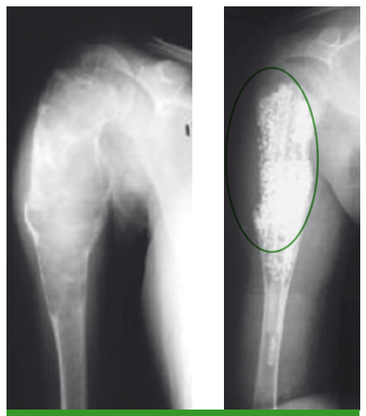
Orthopaedic surgery:
- Treatment of bone defects (benign tumors or cysts, traumatic lesions)
- Reconstruction during prosthetic revision
- Arthrodesis (foot, ankle, spine, …)
- Filling of osteotomy

Spine surgery:
- Filling cages
- Spine fusion



Clinical cases :

Case N° 1

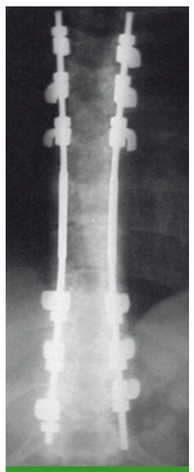


Proximal humeral aneurysmal bone cyst in a 16-year-old patient

Case N° 2

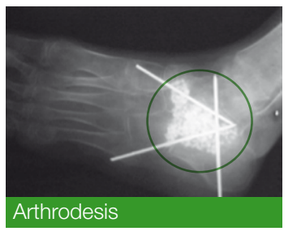
Aveurysmal epiphysal bone cyst (tibia)

Case N° 3



Spine fusion

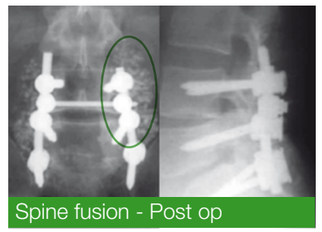
Case N° 4



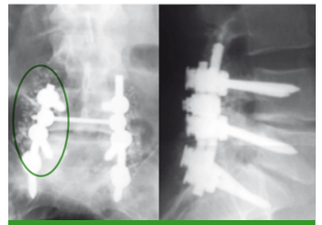
Arthrodesis

After pins removals

Case N° 5



Spine fusion - Post op



Spine fusion - After 6 months