

kasios®

kasios® TCP

Synthetic Bone Substitute



BLOCKS



WEDGES















RODS

CE
0459

Packaging

KasiosTCP is sold sterile in a double pack and available in the following shapes and sizes:

| | Ref. | Shapes | Sizes |
|-----------------------------------------------------------------------------------|---------|----------|------------------------------|
|  | K43105G | Granules | 2-3mm [5cc] |
|  | K43110G | Granules | 2-3mm [10cc] |
|  | K43115G | Granules | 2-3mm [15cc] |
|  | K43120G | Granules | 2-3mm [20cc] |
|  | K43105R | Rods | 5x5x20mm (box of 5) |
|  | K43120B | Block | 15x15x20mm (box of 1) |
|  | K43130B | Block | 15x20x30mm (box of 1) |
|  | K43106W | Wedge | 20x15x6mm - 6mm (box of 1) |
|  | K43108W | Wedge | 20x15x8mm - 8mm (box of 1) |
|  | K43110W | Wedge | 20x15x10mm - 10mm (box of 1) |
|  | K43112W | Wedge | 20x15x12mm - 12mm (box of 1) |
|  | K43114W | Wedge | 20x15x14mm - 14mm (box of 1) |

Bibliography

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Hinz P, Wolf E, Schwesinger G, Hartelt E, Ekkernkamp A.
"A new resorbable bone void filler in trauma: early clinical experience and histologic evaluation"
Orthopedics 2002 May;25(5 Suppl):s597-600

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"Tri-calcium phosphate ceramics and allografts as bone substitutes for spinal fusion in idiopathic scoliosis: comparative clinical results at four years"
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Description

Kasios TCP is a synthetic bone substitute made of pure β TCP designed for bone filling.

Chemical composition

β TCP (99.9%)

β TCP is a calcium phosphate molecule similar to the mineral phase of the natural bone.

Shapes

Available in granules, rods, blocks and wedges.

Mode of operation

Highly bioactive, Kasios TCP undergoes total or partial resorption and is replaced by neofomed natural bone.

Indications

Kasios TCP is indicated for filling bone voids or defects of the skeletal system (such as the extremities, spine and the pelvis) that are not intrinsic to the stability of the bony structure. These defects may be surgically created osseous defects or osseous defects created from traumatic injury to the bone. KasiosTCP is a bone graft substitute that resorbs and is replaced with bone during the healing process.

Porosity

- Fully interconnected pores
- Pore size: 200-500 μ m
- Mean porosity: 60-80%

Sterilization

Gamma sterilization

Features and Benefits

Biocompatible:

no reaction to foreign body.

Bioresorbable:

replaced by natural bone.

Interconnected porosity:

encourages a quick and proper osseointegration.

Synthetic:

no risk of immune response, no risk of cross contamination, no risk of disease transmission.

Ready to use:

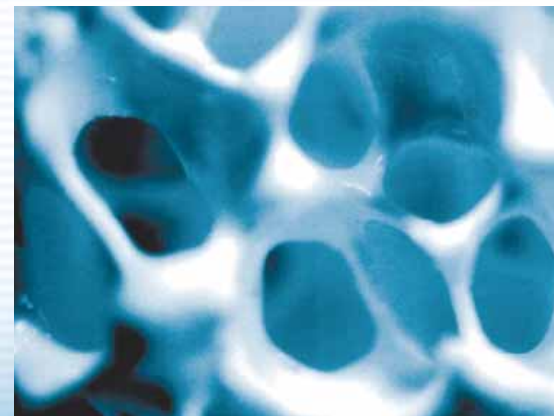
decreases surgery time.

Radiopaque:

allows for a long term follow up.

Granules:

fill irregularly shaped cavities completely.



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