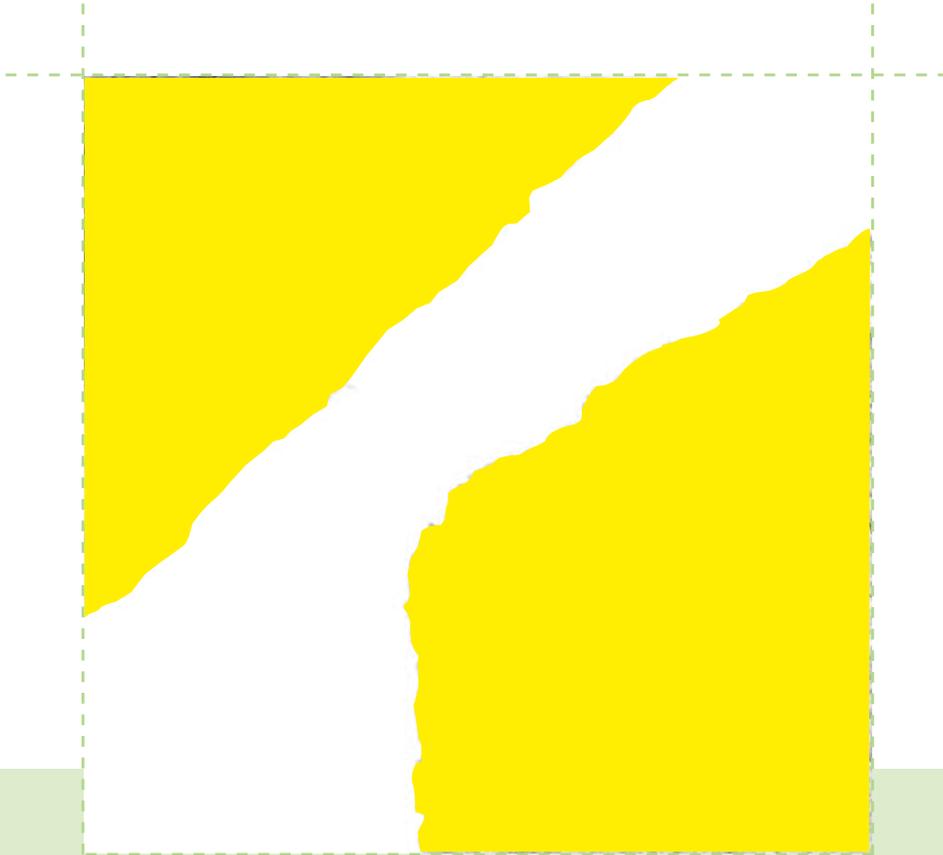


REGENOSS



Flexible bone substitute

Engineered for orthopaedic surgery

■ Bioceramic-collagen: synergistic power

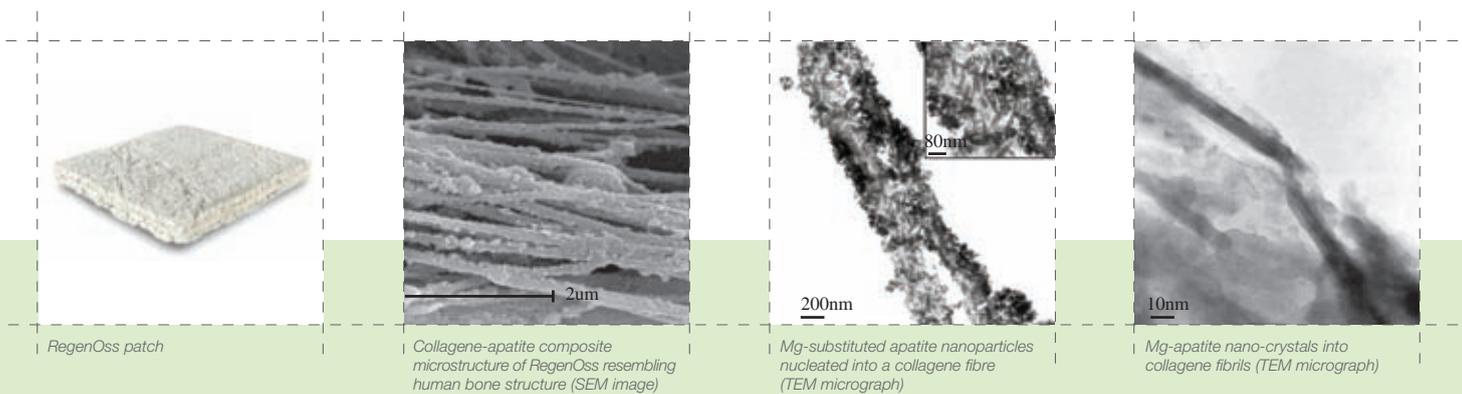
RegenOss represents an innovative concept in bone grafting. It is a collagen-hydroxyapatite composite biomaterial designed and engineered at macro-, micro-, and nano-scale to promote bone regeneration.

RegenOss is available in patches and strips that can perfectly fit the anatomic curvature of the graft site. During surgery, this osteostimulative and biodegradable scaffold can be easily adapted to the dimension and shape of the defect, saving time and improving placement.

■ Biomimetic nano-structure: as modelled in nature

RegenOss is a fully biomimetic scaffold, its unique structure and chemical composition confer characteristics replicating that of human bone.

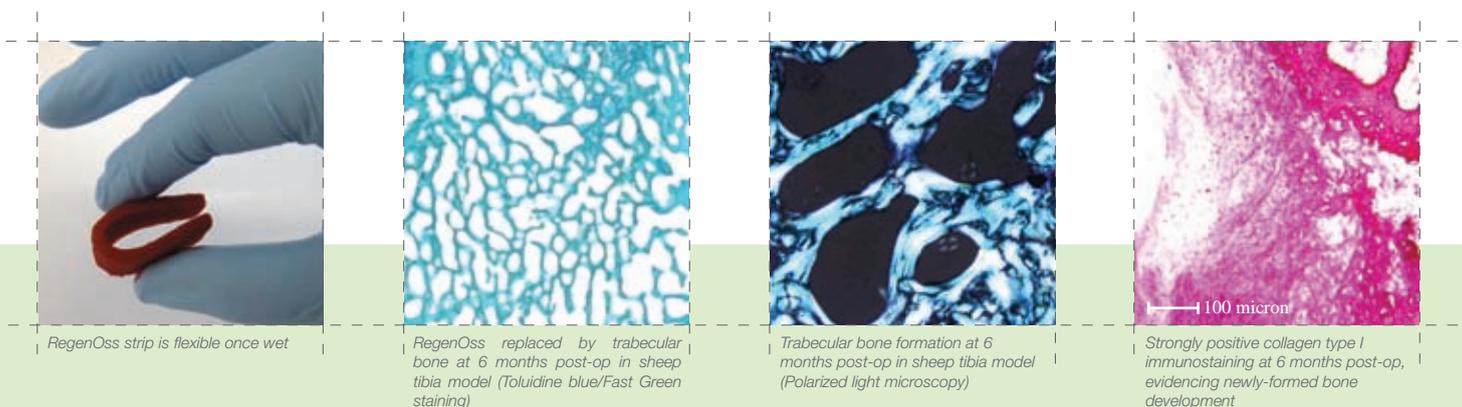
By using nature as a model, the patented nucleation of magnesium-enriched hydroxyapatite nano-crystals into type I collagen fibers resembles the process occurring during biological neo-ossification.



■ Replaced by new bone

RegenOss is highly hydrophilic; it can quickly absorb the biological fluids, molecules and cells promoting bone formation. Its architecture favors cells attachment and proliferation.

While serving as a scaffold to guide effective bone regeneration, RegenOss is resorbed by enzymes and cellular action over a period of 6-12 months.



CHEMICAL AND STRUCTURAL BIOMIMETISM

CELL-MEDIATED RESORPTION LEADING TO 3D BONE REGENERATION

OPTIMAL HANDLING

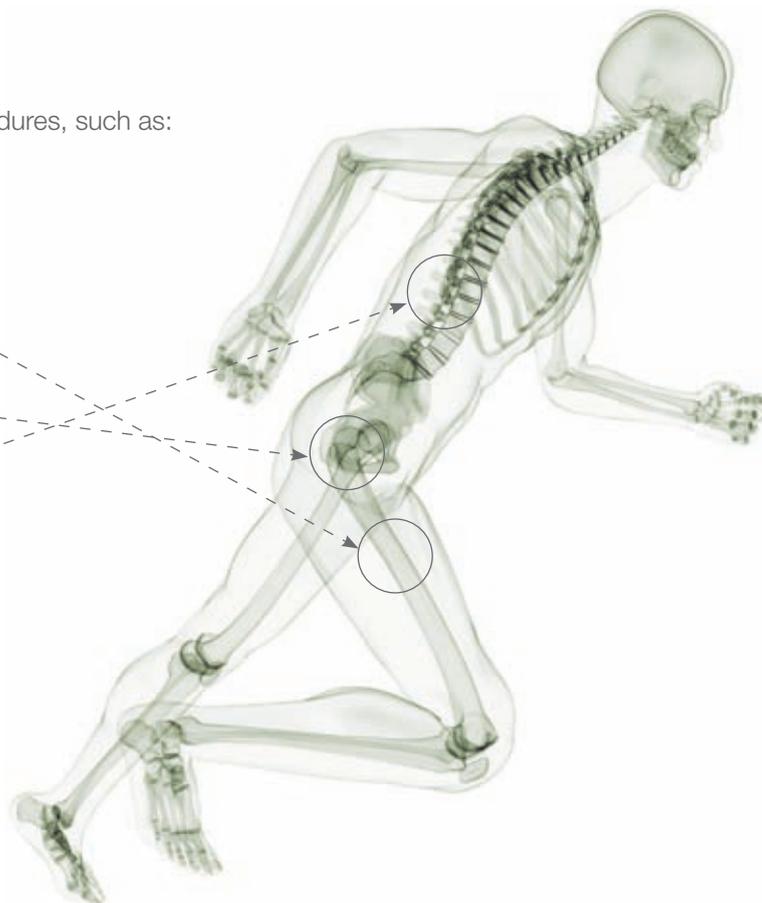
FLEXIBLE AND FORMABLE TO THE CONTOUR OF THE DEFECT

Clinical applications

RegenOss is designed for use in a broad range of procedures, such as:

- **Traumatology**
 - _ Long bone fractures
- **Revision arthroplasty**
 - _ Acetabular defect filling
- **Spinal surgery**
 - _ Spine fusion

RegenOss may be combined with autologous bone, blood, bone marrow or growth factors



RegenOss is not intended to modify or replace standard procedures for the treatment of bone defects, but for filling bony voids or gaps of the skeletal system, that are not intrinsic to the stability of the bony structure.

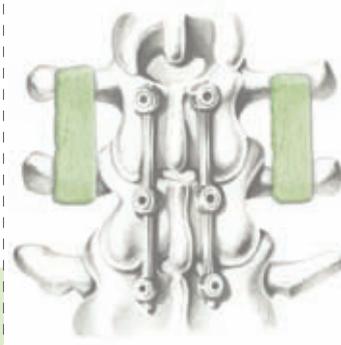
RegenOss must be used with appropriate stabilising hardware.



Distal femoral fracture



Acetabular defect filling



Spine fusion



Shapes and Sizes

● Patch



CODE	DESCRIPTION	QUANTITY PER PACKAGE
01600815	Patch (15 x 15 x 5 mm)	1
01600816	Patch (35 x 35 x 5 mm)	1
01600819	Patch (75 x 75 x 5 mm)	1

● Strip



01600817	Strip (25 x 50 x 10 mm)	1
01600818	Strip (25 x 75 x 5 mm)	1