



Indications

Ortho/Trauma/Spine

Graftys bone graft substitutes will help with procedures such as: TTA void filling, fracture repair with bone defect or in prevention of non unions, arthrodesis, non union repair during revision surgeries, screw hole, tumor, or cyst defect filling.

Dentistry

Graftys bone graft substitutes will help with procedures such as: tooth extraction void filling, periodontal pocket, cyst, or tumor filling and mandible fracture repair.


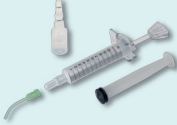
Presentation

Today animal owners are more demanding and want the best treatment for their pets. Graftys offers a range of proven bone substitutes designed for orthopedist and dentist veterinarians. Graftys products simplify surgery and new bone growth quality equivalent to autograft.

Graftys offers two different types of bone substitute: a classical product, granules to mix with blood or autograft (**Graftys® BCP Granules**) and an injectable material (**Graftys® QuickSet I-System**). The choice will allow you to treat all kind of bone defects and to use the material that best fits your needs.

GRAFTYS TECHNOLOGY

Characteristic	Features	Benefits
Synthetic	<ul style="list-style-type: none"> No risk of disease transmission, reproducibility Unlimited quantity of bone graft No second surgery site 	<ul style="list-style-type: none"> Minimized risk of complication Unlimited quantity Reduced morbidity
Material porosity	<ul style="list-style-type: none"> Full range of pore sizes and interconnectivity between pores 	<ul style="list-style-type: none"> Remodeling throughout the implant
Composition	<ul style="list-style-type: none"> Calcium phosphate composition similar to natural bone 	<ul style="list-style-type: none"> Natural remodeling and strong new bone growth

Products	Reference UE	Reference USA	Designation	Clearance UE/USA
Graftys® BCP Granules 	GYBCPGRA1Q05	USGYBCPGRA1Q05	GRANULES 0,5-1mm/0.5cc	CE marked 510(k) cleared
	GYBCPGRA1Q1	USGYBCPGRA1Q1	GRANULES 0,5-1mm/1cc	CE marked 510(k) cleared
	GYBCPGRA1Q2	USGYBCPGRA1Q2	GRANULES 0,5-1mm/2cc	CE marked 510(k) cleared
	GYBCPGRA1Q5	USGYBCPGRA1Q5	GRANULES 0,5-1mm/5cc	CE marked 510(k) cleared
Graftys® Quickset i-System 	GYQSV1Q1	USGYQSV1Q1	Quickset i-System 1cc	Coming Soon
	GYQSV1Q3	USGYQSV1Q3	Quickset i-System 3cc	Coming Soon
	GYQSV1Q5	USGYQSV1Q5	Quickset i-System 5cc	Coming Soon
	GYQSV1Q10	USGYQSV1Q10	Quickset i-System 10cc	Coming Soon





Surgical procedure: GRAFTYS PRODUCTS WILL SAVE TIME AND MONEY



TWO PRODUCTS

Graftys® Quickset

Physicochemical properties

- **Chemical composition :**
Mineral Phase: α -TCP, DCPD, CDA
Organic phase : Polysaccharide (HPMC)
Liquid Phase: sodium phosphate solution
- **Porosity :**
General porosity 70%
Microporosity < 10 μ m 88%
Mesoporosity 10-100 μ m 2%
Macroporosity > 100 μ m 10%
- **Mechanical strength :** 24MPa

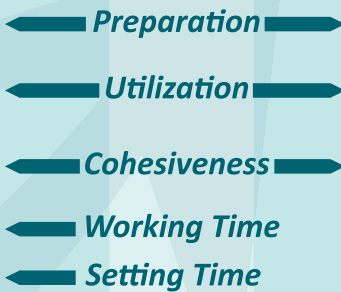
Performance
Simple & Time saving
Injectability allows fast void filling & Percutaneous injection for MIS
Good firmness in irrigated environment thank to the paste viscosity
2 - 4 minutes
8 minutes

Graftys® BCP Granules

Physicochemical properties

- **Chemical composition :**
60% / 40%
Hydroxyapatite / β -Tricalcium phosphate
- **Porosity :**
General porosity 70%
Microporosity < 10 μ m 45%
Mesoporosity 10-100 μ m 20%
Macroporosity > 100 μ m 35%

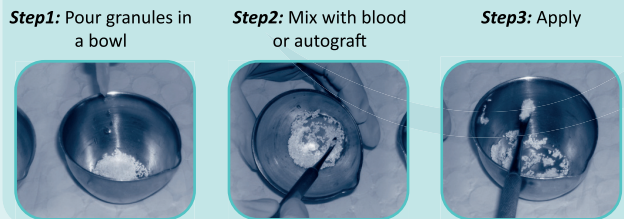
Performance
Easy & Instinctive
Packable in bone defect
Good granule firmness on the site



Simple and rapid reparation



Simple and rapid reparation : Granules should be moistened with blood or with saline.



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