

# Allogran-R®

## SYNTHETIC BONE SUBSTITUTE

Allogran-R is a fully absorbable  $\beta$  tri-calcium phosphate. Its irregular particles, when combined with saline or blood, assume a cohesive regenerative matrix for the treatment of trauma, spine and non-unions:

### Key Features:

- ✓ Engineered porosity for complete absorption in 6-12 months
- ✓ Osteoconductive
- ✓ No risk of disease transmission
- ✓ Elimination of donor site morbidity

### Indications:

To fill a bone void or defect created by

- ✓ Surgery
- ✓ A cyst
- ✓ A tumour
- ✓ Osteomyelitis or other traumatic injury

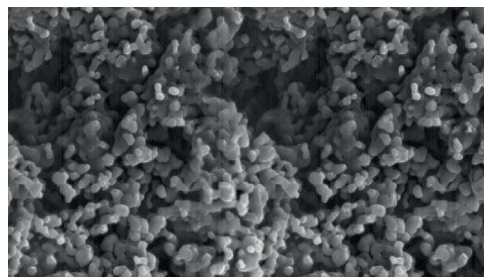
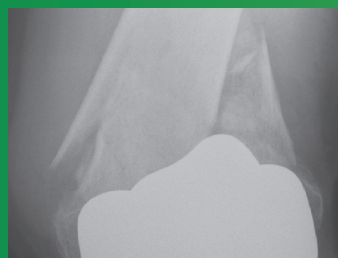
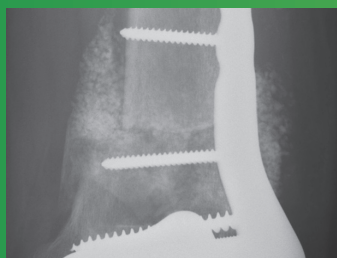


Image: Electron micrograph (x3,00K magnification) showing microporous structure of Allogran-R granules.

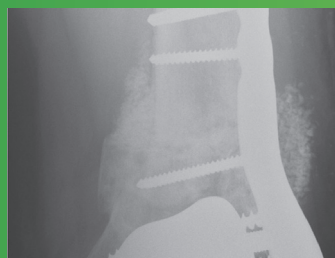
### Case Study:



Supracondylar fracture of the left femur, 66-year-old female



3 months post-op after fracture is plated and packed with Allogran-R



6 months post-op



10 months post-op, radiographic evidence shows new bone formation

# Allogran-R®



## Engineered for absorption

Biocomposites, through its proprietary process, has engineered a multiporous granular matrix with outstanding biocompatibility, which is truly absorbable through the process of dissolution and cell mediation.

Bio-replaceable implant scaffold

Inter-granular macroporosity > 100µm (vascularisation)

Osteoconductive

Polycrystalline microporosity < 10µm for early cell attachment

Bioactive

Osteoconductive matrix promoting osteoblast proliferation

Biocompatible

High purity  $\beta$  tri-calcium phosphate with controlled chemistry

Total resorption (absorption)

Stoichiometric calcium to phosphorus ratio 1.5

Allogran-R is supplied sterile for immediate use and is available in 5cc and 10cc packs.

Product	Pack size	Product code
Allogran-R	5cc	800-005
	10cc	800-010

For indications, contraindications, warnings and precautions see Instructions for Use.

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