

# SYBOGRAF™-Plus

## Synthetic Nanocrystalline Hydroxyapatite and $\beta$ - Tricalcium Phosphate Composite

### Introduction

Autogenous bone grafts are most frequently and routinely used for filling up bony defects in dentistry. However, autogenous bone grafts are always associated with various adverse factors including donorsite morbidity and limited availability etc. The Xenografts, although are available in abundance, there exists a risk of viral transmission, varied fusion and healing rates and other social factors. On the other hand, synthetic bone grafts can have a desired consistency, particle size, porosity and strength with ready availability in sterile condition, totally eliminating donorsite morbidity and the risk of viral transmission with absolute social acceptance, thus preferred by the majority of surgeons as a material of choice.

### Biphasic HA & $\beta$ -TCP

Biphasic granules are available in the following ratios:-

70% HA & 30%  $\beta$  -TCP

80% HA & 20%  $\beta$  -TCP

90% HA & 10%  $\beta$  -TCP

The faster absorption of  $\beta$  - TCP helps in the process of bone mineralisation.

The slower resorbability of HA helps for bone ingrowth providing a structure (scaffold) for calcification.

### Salient Features

- ✓ Adopted advanced characterization techniques using : SEM / TEM / XRD / AAS / FTIR / DTA
- ✓ Biocompatible as per EN ISO 10993 standards
- ✓ No BSE / TSE issues
- ✓ Non-toxic, non-allergenic and non-pyrogenic
- ✓ High porosity
- ✓ Osteoconductive
- ✓ Bio-resorbable
- ✓ As a scaffold for bone formation and remodelling
- ✓ Very good handling characteristics
- ✓ Can be moulded into required shapes
- ✓ Clinically proven
- ✓ Freely available in convenient packing
- ✓ Patented CSIR technology

### Indications

Periodontal bony defects

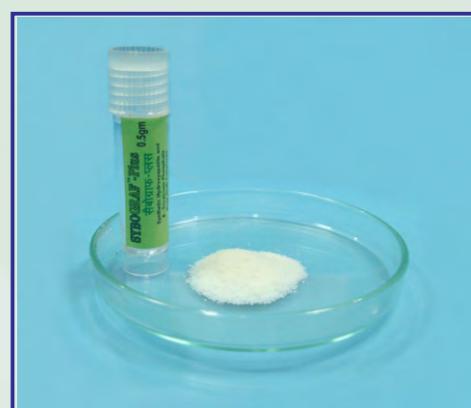
Alveolar augmentation before implantation

### Storage

Store under normal storage conditions

### Availability

2x0.5gm vials in a box



### Ordering Information

CODE	DESCRIPTION	UNITS
SGPP 1001-04	Sybograf™-Plus (250-500 Microns) 0.5gms	Box of 4
SGPP 1002-04	Sybograf™-Plus (600-700 Microns) 0.5gms	Box of 4

Manufactured by:

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*We create and surpass our own standards*



Sybograf™-Plus -Trade Mark under Registration in India.

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*the collagen people*