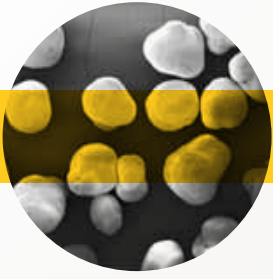




**tag** dental

**REGENERATIVE SOLUTIONS**

SYBONE



## INTRODUCING **SYBONE**

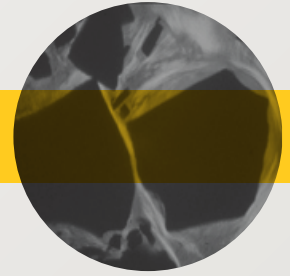
# From the artificial to the living bone

**SYBONE** is an osteoconductive synthetic graft material designed to fill the space of the missing bone and encourage the growth of new bone tissue.

**SYBONE** is a synthetic bone graft material composed of biocompatible calcium phosphate materials that are similar to bone.

**Bone grafts must provide similar properties to those of human bone.**

# Alloplast = Synthetic Origin



## Composition

99.9% Tricalcium Phosphate ( $\beta$ -TCP)

## Function

Designed for the filling of bone voids or defects

## Structure

Porosity of granules 90%

Pore size 300-500 microns

Interconnected Porosity creating open channels

## Proprieties

Biocompatibility

Osteoconductive

Optimal Resorption Rate

Excellent Mechanical Resistance

## Indications

**SYBONE** is intended to be used as a bone void filler or augmentation material for bone defects.

Sinus floor elevation

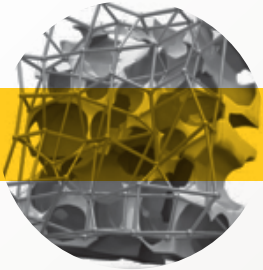
Alveolar filling or augmentation

Alveolar regeneration

Reconstruction of tumor and cyst defects

Filling of extraction cavities





## ADVANTAGES

### Security

100% synthetic & 100% resorbable.

### Total Resorption

**SYBONE** is replaced by new vital bone within 2-6 months.

### Radiopaque

Allows the perfect monitorization of osteointegration.

### High Cohesiveness and volume conservation

**SYBONE** is very hydrophilic, that confers an excellent cohesivity of particules, which in turn allows the conservation of the volume of the initial cavity.

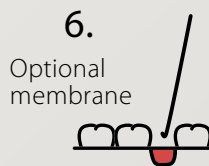
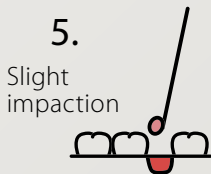
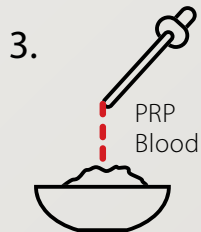
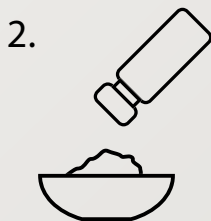
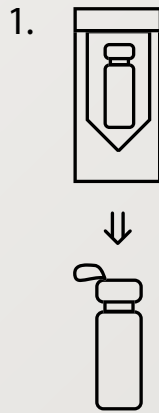
### Vascularization

**SYBONE** induces a remarkable vascularization.

### No Membrane

It is not necessary to use membrane, due to **SYBONE**s physical and mechanical properties.

# SYBONE HANDLING





BONE

## INSTRUCTIONS FOR USE

- **SYBONE** in the form of granules helps to fill empty irregular spaces.
- Impregnate the implant with patient's blood or autologous bone marrow.
- **SYBONE** should have contact with cancellous tissue.
- The bone surface must be freshened and slightly bleeding.
- The filling must be complete with slight impaction.
- The wound closure must be complete and airtight.
- The combination of **SYBONE** with any medical substance during implantation is carried out under the Surgeon's responsibility.

# SYBONE PACKAGING



SYBONE

**Granules**  
0.1mm-0.5mm  
1gr.

## **ABM-0002**

Indicated for small  
periodontal defects

**Granules**  
0.5mm-1mm  
1gr.

## **ABM-0003**

Indicated for the filling  
of cysts and the filling  
of alveolar cavity

**Granules**  
1mm-2mm  
1gr.

## **ABM-0004**

Indicated for sinus floor  
elevation and the filling  
of large cysts

**Vial = 1gr**

(5 vials in the box)





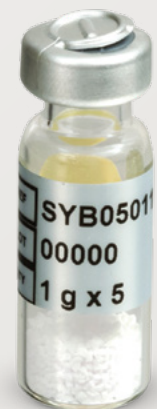
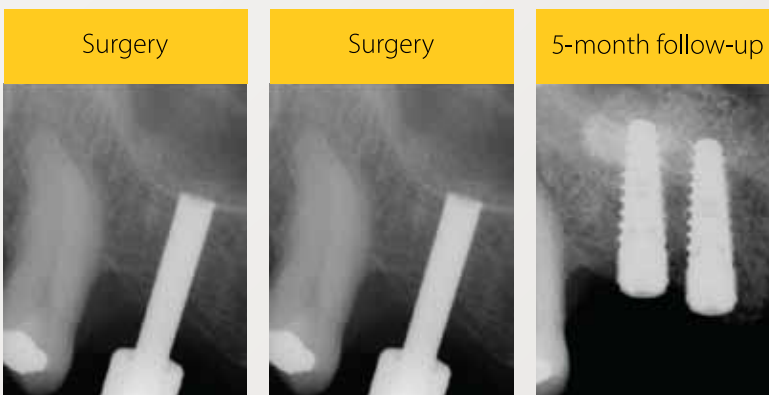
## CASE STUDY

**Case description:** Sinus Lift Elevation on a 42 year old patient

**Treatment:** 1g **SYBONE**, 0.5 – 1mm granules

**Outcome:** The expansion of the alveolar ridge and the fracture of the maxillary sinus floor with Summers osteotomes is observed in the first x-ray. The sinus floor was filed with **SYBONE**, granules 0.5–1mm mixed with PRP. The implant was then placed after the bone graft. The porosity of the granules of **SYBONE** favored the aggregation of fibrin on the surface hindering the formation of air voids that could weaken the graft and promote the proliferation of microorganisms. With a 5 months follow-up a dense and homogeneous formation of new bone around the implant perfectly osteointegrated with the surrounding bone was observed.

Reference: Dr. Hiram Trindade Fischer (Portugal)



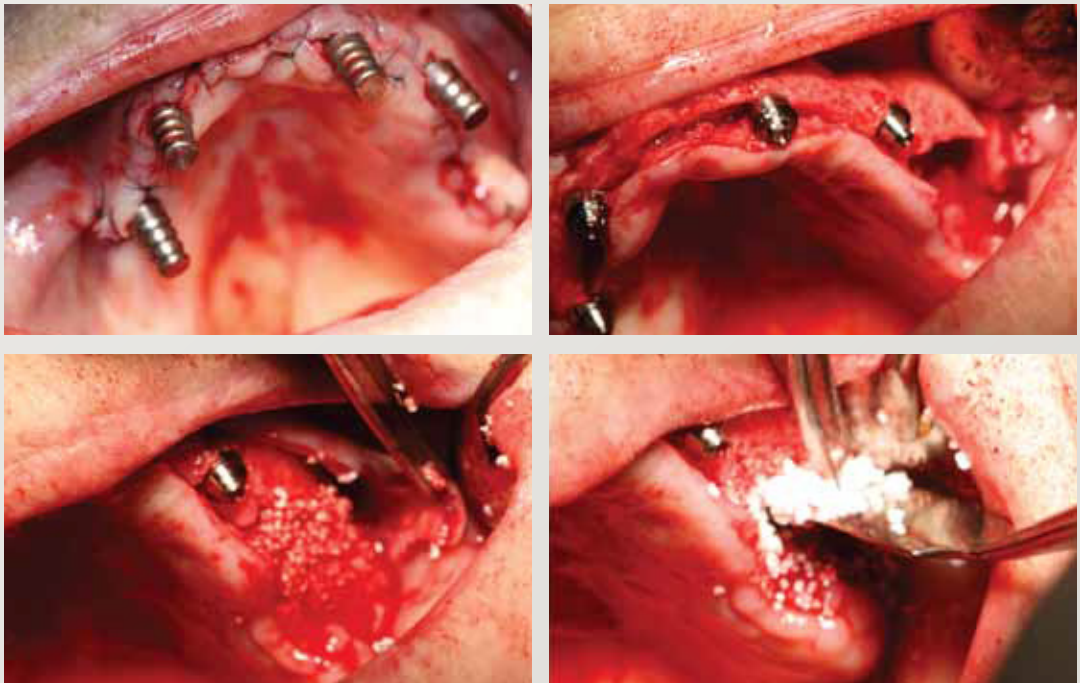
## CASE STUDY

**Case description:** Odontogenic Inflammatory Cyst on a 76 year old patient

**Treatment:** 1g **SYBONE** 0.5–1mm granules

**Outcome:** An odontogenic inflammatory cyst on a 76 year old female patient was extracted. The reconstruction of the area was performed with 1g of **SYBONE**, 0.5–1mm granules with the aim of leveling the osseous crest of the upper jaw for a better fitting of the immediate loading prosthesis. Monthly follow-ups were performed to monitor the rate of osteointegration and consequently the reduction of the cyst. Radiographic evidence is presented prior to surgery, after surgery and with a 5 month follow-up.

Reference: Dr. Luis Loureiro (Portugal)



Bone Cyst Filling Dr. Luis Loureiro **SYBONE** Granules 0.5 – 1mm



Our advanced tissue technology results in improved bioresorbable polymer-based membrane for tissue regeneration.

Contact us to find out more about how TAG Dental **SYCURE**'s ongoing research and development in regenerative medicine can help you better serve patients.



---

**T.A.G. Medical Products Corporation Ltd**

Kibbutz Gaaton 2513000 Israel Tel: +972 (0)4 9858400

[www.tag-med.com](http://www.tag-med.com)