

SURGIPLASTER

SINUS - G170 - P30

Synthetic biomaterial used in dental and maxillofacial surgery **for filling** natural or pathological bone cavities, based on calcium sulfate.

Calcium Sulfate
Completely resorbable within 3 months



Ghimas
D E N T A L

SURGIPLASTER

Completely resorbable within **3 months**



Medical Device CLASS III CE0426. ISO9001, ISO13485 certified.

3 different
particle sizes



SURGIPLASTER SINUS

Particle size: 1 - 2 mm

1 syringe with dispenser
Cod. prodotto: PFSU0010



SURGIPLASTER G170

Particle size: 0,50 - 1,0 mm

1 bottle of 2 g powder
1 vial with 400 mg Calcium sulfate hemihydrate powder
1 vial with 1 ml Regular liquid
1 vial with 1 ml Fast liquid
Cod. prodotto: PFSU0020



SURGIPLASTER P30

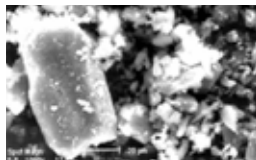
Particle size: 0,25 - 0,5 mm

1 bottle of 2 g powder
1 vial with 400 mg Calcium sulfate hemihydrate powder
1 vial with 1 ml Regular liquid
1 vial with 1 ml Fast liquid
Cod. prodotto: PFSU0030

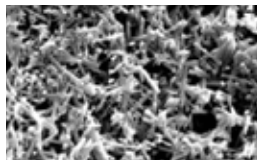


Granulated
compacted
calcium
sulfate

SURGIPLASTER is derived from calcium sulfate hemihydrate and calcium sulfate dihydrate.



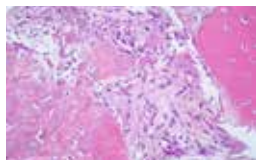
Calcium sulfate hemihydrate $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$



Calcium sulfate dihydrate $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

Compacted granules without sharp edges.

- Improved biofunctionality of osteogenic cells.
 - Increased cohesion of the mixture.
 - Optimization of resorption times.
- Histological results after Surgiplaster application at 4 months.



Cellular colonization and bone transformation of biomaterial 400x



Bone maturation 100x

Which Surgiplaster to choose?

SURGIPLASTER SINUS is recommended as a **filler**.

SURGIPLASTER G170 is recommended for **lesions > 5 mm**.

SURGIPLASTER P30 is recommended for **small defects**.

The particle size of SURGIPLASTER SINUS allows for better and faster stabilization of the clot, ensuring complete bone regeneration even in large bone deficits.



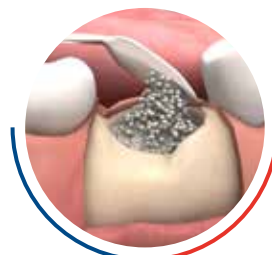
SURGIPLASTER + FISIOGRAFT GEL

Surgiplaster mixed with FISIOGRAFT SLURRY GEL or with saline solution **increases malleability**.

Applications



Maxillary sinus lift
SURGIPLASTER SINUS



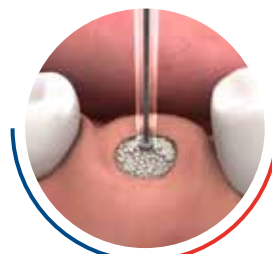
Volume maintenance
SURGIPLASTER P30
SURGIPLASTER G170



Periodontal surgery
SURGIPLASTER P30



Split crest
SURGIPLASTER G170



Post-extraction
SURGIPLASTER P30
SURGIPLASTER G170

ADVANTAGES of SURGIPLASTER

- ✓ Highly **BIOCOMPATIBLE** and **BIOTOLERANT**, completely resorbed within 3 month
- ✓ **OSTEOCONDUTIVE**
- ✓ **FREE FROM CROSS-CONTAMINATION RISKS**: BSE - HIV - HBV - SARS
- ✓ **DOES NOT INDUCE REJECTION OR INFLAMMATION**
- ✓ Easily **MOLDABLE** when mixed with FISIOGRAFT SLURRY GEL or saline solution
- ✓ **BACTERIOSTATIC**: can be used as an alternative or in conjunction with membranes through a sealing process with fast liquid (included in the package)

SURGIPLASTER: OVER 50 PUBLICATIONS

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