

FISIOGRAFT HA

PASTE

A **synthetic biomaterial** used in dental and maxillofacial surgery to **fill bone cavities**, whether natural or pathological, based on polylactic acid and polyglycolic acid (PLGA) and hydroxyapatite (HA).

PLGA + Hydroxyapatite
Osseointegrable in 6-9 months

ALL
IN
ONE

A single
product
for every
defect



G Ghimas
D E N T A L

FISIOGRAFT HA PASTE



Osseointegrable in **6-9 MONTHS**

Physical form: paste

- Medical Device CLASS III
- Composition: PLGA 21% (210 mg) + Hydroxyapatite 15% (150 mg) + PEG 64% (640 mg)
- Pack of 2 syringes 1 ml (code: PFOF0070)
- Medical Device CLASS III
- Certified CE0426, ISO9001, ISO13485



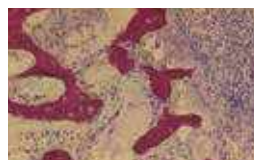
PLGA + Hydroxyapatite

PLGA

The PLGA copolymer is a resorbable space maintainer that allows osteocytes to replace it in a relatively short period of time (4-6 months), until natural bone tissue is formed.



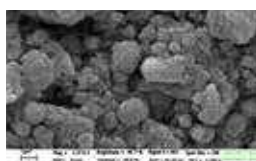
SEM PLGA magnification: 500X



PLGA histology

Hydroxyapatite

Hydroxyapatite ensures rapid vascularisation, promotes the advance of osteons, and acts as a space maintainer, providing the structural support that cells need to create the new bone matrix.



SEM: hydroxyapatite

ALL IN ONE

Ready to apply and easily shaped

When it comes into contact with blood or physiological solution, it becomes more solid, which allows the bone cavity to be filled by staying in place, and suitable for **spatula modelling**.



Applications

IMPLANTOLOGY: alveoli filling in post-extraction implants, minor maxillary sinus lift, split crest, filler in fenestrations and/or dehiscences, and as a membrane to cover grafts with autologous bone.

PERIODONTOLOGY: filling of pockets, furcations.

ORAL SURGERY: Filling of bone cavities after extractions, cystectomies, apicoectomies.



Maxillary sinus elevation



Maintaining volume



Periodontal surgery



Split crest



Post-extraction

The **ADVANTAGES** of **FISIOGRAFT HA PASTE**

- ✓ Biphasic synthetic biomaterial: **OSTEOCONDUCTION (PLGA) + OSSEOINTEGRATION (HA)**
- ✓ **NO ODDS RATIO:** SARS - BSE - HIV - HBV
- ✓ **PARTIALLY RADIOPAQUE**
- ✓ **IDEAL FOR ALL KINDS OF SPACES**, even hard-to-reach ones
- ✓ **EASILY SHAPED:** when it comes into contact with blood or physiological solution, it becomes more solid, which allows the bone cavity to be filled by staying in place, and suitable for spatula modelling



ALL
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FISIOGRAFT: MORE THAN 100 PUBLICATIONS

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