

AltiGRAFT-Bone™

AltiGRAFT-bone™ is a highly purified humanized spongiosa bone of porcine origin intended for bone augmentation in regenerative dentistry and general orthopedics. It is composed of humanized porcine bone spongiosa granules composed of type I collagen and hydroxyapatite (HA). The three-dimensional structure of AltiGRAFT-bone™ allows for the infiltration of mesenchymal stem cells and micro vessels leading to osteoconductive bone growth. This optimal geometry and morphology promotes osteoblast adhesion and subsequent addition of *de novo* host bone by matrix deposition. The material resorbs naturally into the body *via* osteoclastic activity and is replaced by new vital host bone. AltiGRAFT-bone™ is not sintered, and has a load bearing capacity of 20kg/cm².

Composition

AltiGRAFT-bone™ consists of humanized porcine bone spongiosa granules containing type I collagen and hydroxyapatite (HA). It is indicated as a bone void filler and osteoconductive bone graft substitute. AltiGRAFT™- bone is compatible with osteoinductive bone grafts containing bone morphogenetic proteins, such as Altis® Osteogenic Bone Matrix.

Indications

- General orthopedic surgery: bone void filler such as following cyst excision, traumatic bone voids.
- Oral surgery: Orthognathic procedures, alveolus splitting, bone granulomas, dentigerous cysts, excision of ameloblastoma.
- Periodontology: Regeneration of furcation and of deep intrabony defects.
- Implantology: Restoration and regeneration of peri-implant bone lost due to periodontitis and dehiscence- two wall defects, lateral and crestal access sinus lift. AltiGRAFT-bone™ may be protected and segregated from surrounding soft tissue using AltiMEM-GTR™ collagen membrane.



AltiGRAFT Granules, 1mm - 5mm

Benefits

AltiGRAFT-bone™ offers the potential to reduce:

1. Need for autologous bone graft
2. Costs - immediately following surgery and over time.
3. Complications that would require follow-up visits.
4. Pain, by obviating autograft procedures.

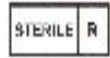
Precautions

- AltiGRAFT-bone™ should only be used by trained surgeons and dentists.
- AltiGRAFT-bone™ should be used with special caution™ in patients with acute or chronic infection, uncontrolled metabolic diseases, prolonged corticosteroid therapy, autoimmune diseases, radiotherapy and heavy smoking.

Side effects

- In very rare cases an allergic reaction to collagen products may occur. Due to the prolonged absorption time, in rare cases an inflammatory response may be observed.

Other information



The product is sterilized by irradiation.



The product is intended for single use.



Do not use product after expiry date.



The product must be stored in a dry place at room temperature and not exceed 25°C.

The product is undergoing human observational studies and pharmacovigilance.

Catalogue no.	NAPPI code ZA	Description
Altigraft105	1116755001	Cancellous Bone chips, 0.5g
Altigraft11	1116756001	Cancellous Bone chips, 1g
Altigraft12	1116757001	Cancellous Bone chips, 2g
Altigraftc15	1116758001	Cancellous Bone chips, 5g
AltiBloc13	1116759001	Cancellous Bone block, 3g
AltiBloc15	1116760001	Cancellous Bone block, 5g
AltiBloc23	1116761001	Cancellous Bone matchsticks, 3g
AltiBloc25	1116762002	Cancellous Bone matchsticks, 5g

Contact Information:

+27 (0)12 844 0098

www.altisbiologics.com

Email: nic@altisbiologics.com or sales@altisbiologics.com

Manufacturer: Altis Biologics (Pty) Ltd

1606 Allan Cormack Street

The Innovation Hub,

0087

Pretoria, South Africa

SAHPRA reg. no. 000002464MD