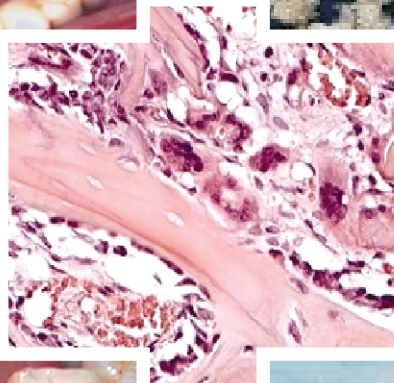
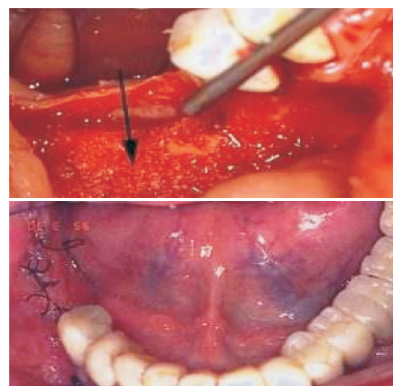


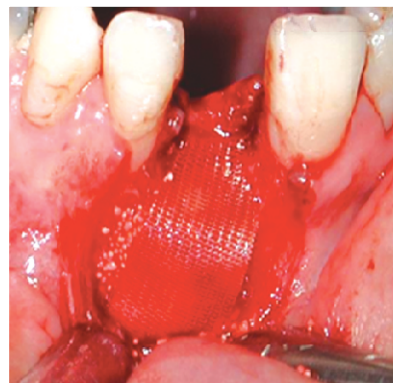
OSTOFOM™

Guided Bone / Tissue Regeneration



- * Accelerates Haemostasis & Healing
- * Stimulates Mineralisation & Cellular Activity

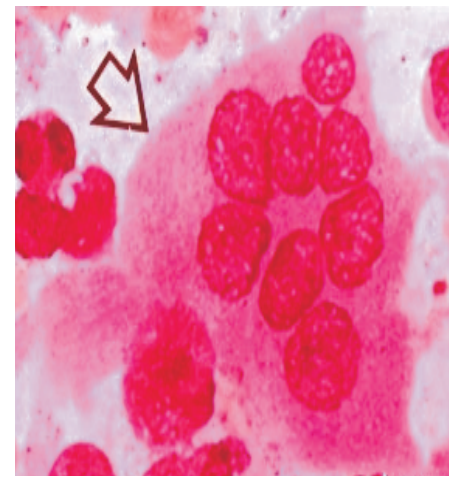
- * Natural / Resorbable
- * Osteoinductive & Osteoconductive
- * Easy to handle
- * Poor Antigenicity



Proven for Bone Augmentation

OSTOFOM™

Guided Bone / Tissue regeneration



DESCRIPTION

- * **OSTOFOM** is made from natural crystal Hydroxyapatite & Collagen Fibers, which are having poor antigenicity thus having wonderful tolerance.
- * **OSTOFOM** is highly biocompatible being natural & specially treated to be devoid of reaction causing proteins & cells.
- * **OSTOFOM** is porous particles to allow growth of oestoblast to remodel bone across the particles.
- * **OSTOFOM** resorbs completely in a span of 9-12 months.
- * **OSTOFOM** is very easy to handle since it is a charged particle and sticks to the place when soaked in physiological liquids.

PROPERTY & PHYSIOLOGICAL FUNCTION:

Large percentage of inorganic component of bone is Collagen while Hydroxyapatite mimics crystalline structure of the bone salts. The acceleration of bone regeneration by inserting collagen with or without hydroxyapatite is experimentally & clinically demonstrated.

Collagen accelerates haemostasis - clot formation - quick wound healing, presence of Hydroxyapatite serves as scaffold initially for mineralisation & stimulates cellular activity in the defect.

Thus Hydroxyapatite and Collagen provide synergistic osteoinductive & osteoconductive properties for bone regeneration & remodeling.

INDICATIONS

- Restoring bone in extraction socket.
- Defects in corrective osteotomy.
- Augmenting ridge
- Periodontal , peri implant defects and treatment.
- Defects after apicoectomy
- Bone defects after removal of cysts.
- Sinus lift surgery.
- Defects after harvesting autogenous bone



LITERATURE

1. Joos(1985) demonstrated collagens property for regeneration
2. Lowenberg et al (1985),
3. Pitaru et al (1990) Demonstrated collagens ability to mineralize &
4. Bluemental et al (1990) stimulate cell growth.
5. Dr. Mrs. N. A Malik, Dr. N. N. Andrade, Dr. P.J Solanki, at Nair Hospital and Dental College, Mumbai - Demonstrated use of Hydroxyapatite in maxillofacial surgery - Unicentric clinical trial 2002.

CONTENTS

0.5 gm of Hydroxyapatite & Collagen Fibres (Granules / Particles /Cubes)

Size : Granules 400-600 Micron

Particle : 900-1500 Micron & 1500-2500 Micron

Presentation : Ostofom is packed in sterile dispensing vial of 1.0 cm / 0.5 gm

Self Life: 5 Years from manufacturing.(Gama-radiation)

Caution: It's safety in pregnant or lactating women is not proven

Adverse Reactions: Rejection of implants due to infection or immune mediation.

Marketed by:

Sark Healthcare Pvt. Ltd.

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