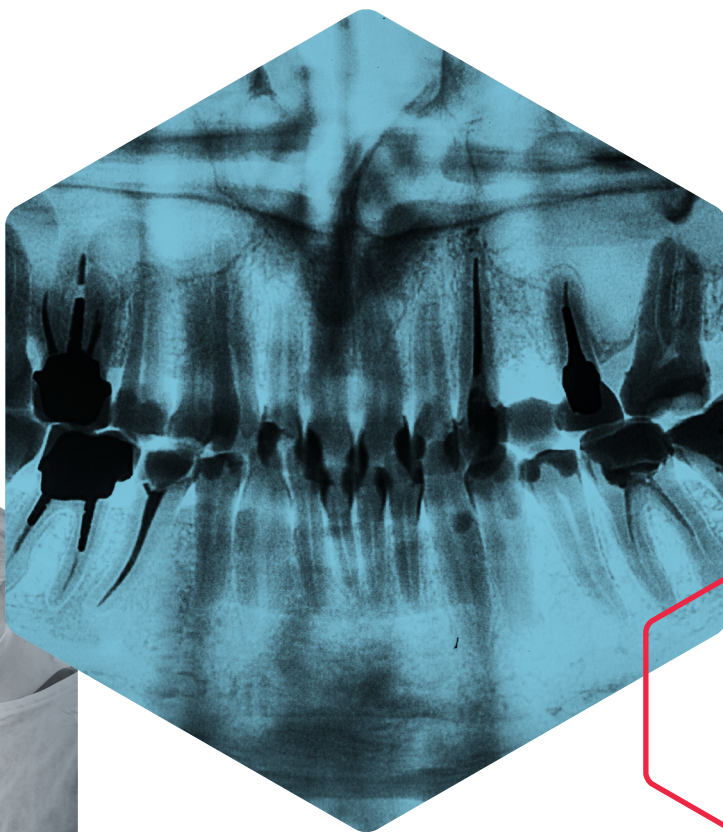
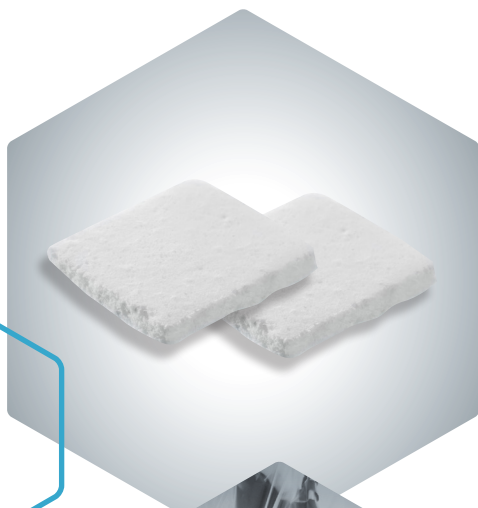




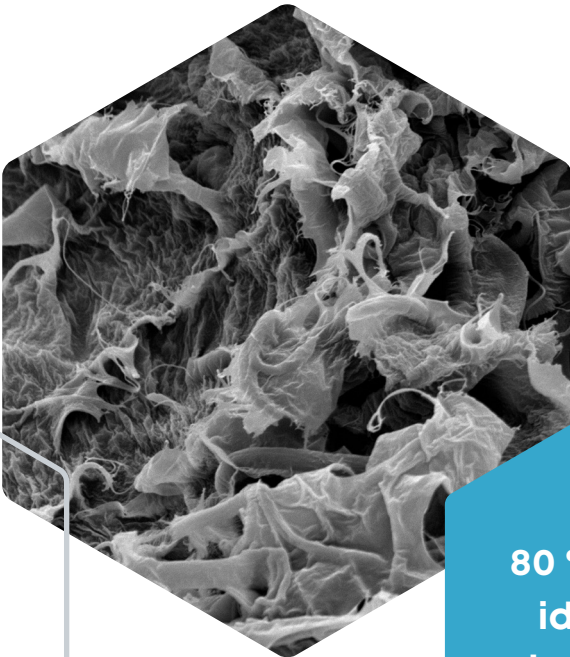
BONE REGENERATION
CERASORB® Foam

Resorbable, pure-phase β -tricalcium
phosphate + collagen matrix

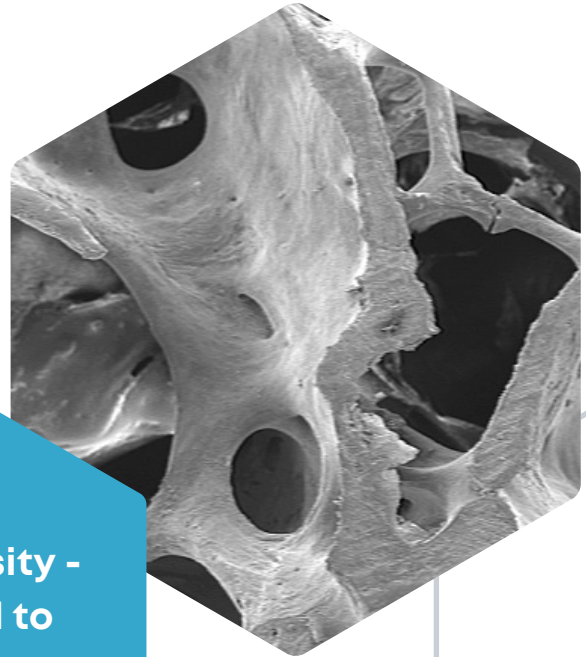


CERASORB® Foam is a highly porous combined material made of porcine-derived **Type 1 Collagen** and pure-phase β -TCP granules of varying sizes and densities. A **3-dimensional collagen matrix** embeds the granules and stabilizes them through its fibrous structure, ensuring excellent volume stability during bone formation.

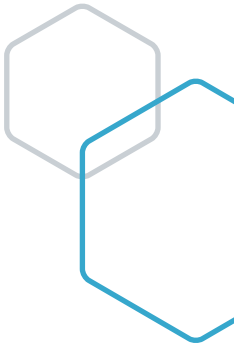
CERASORB® Foam
(mouldable)



Human bone



**80 % Porosity -
identical to
human bone**



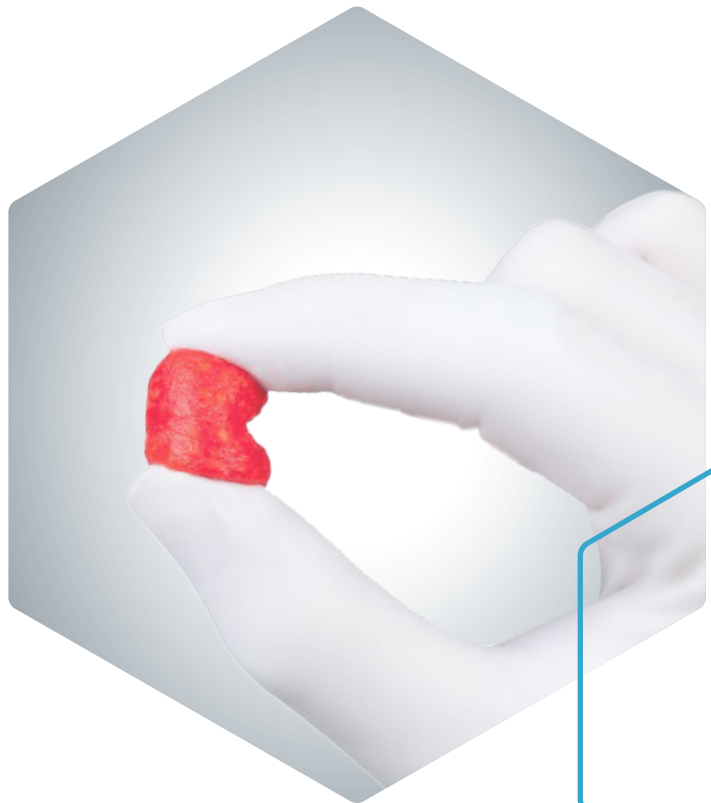
Major characteristics of CERASORB® Foam

Efficient Handling with CERASORB® Foam

CERASORB® Foam offers unparalleled ease of use for precise clinical application.

CERASORB® Foam (mouldable):

- › Adapts and conforms to the defect
- › It is a low-density biomaterial
- › Therefore, it is mouldable and malleable when hydrated
- › Easy to conform to defect space



Quick Hydration Explained



CERASORB® Foam exhibits rapid absorption capabilities: the **mouldable** Foam absorbs a droplet in just 2 seconds. Gentle manipulation during hydration further enhances soaking efficiency, ensuring the material is promptly ready for application.

Features & Benefits

- › Multi-porous composite material of porcine-derived Type 1 collagen and pure-phase β -TCP granules
- › Moistened with blood or mixed with autologous thrombocyte and fibrin concentrate
- › Ideal scaffold by design due to its 3-dimensional matrix
- › Easy to model and insert into the defect
- › Mouldable for any defect size and shape
- › The matrix structure of CERASORB® Foam supports the 3-dimensional regeneration of bone tissue
- › Radiopaque

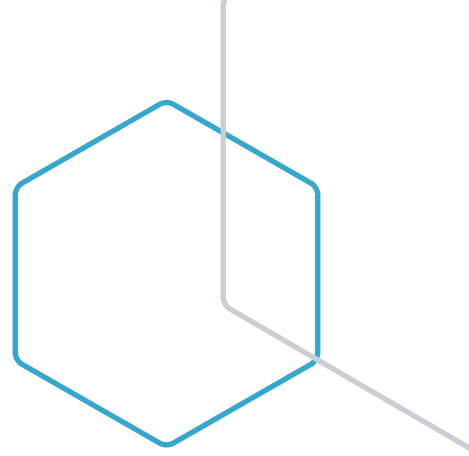
Indications

- › Socket and ridge preservation
- › Sinus floor elevation
- › Implant bed preparation
- › Small bone and periodontal defects
- › Alveolar ridge reconstruction
- › Cystic defects

Why choose CERASORB® Foam over other products available in the market?



CERASORB® Foam is completely resorbable, and the resultant bone formation closely resembles that of autogenous bone.



Alveolar ridge preservation with CERASORB® Foam and stypro®¹

Authors: Prof. Dr. Dr. Frank Palm, Dr. Jan Rupp, Dres. Palm, Roser & Colleagues, Constance, Germany

Summary:

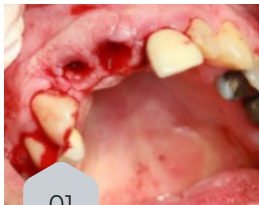
Product used: CERASORB® Foam, stypro®

Indications: Socket and ridge preservation

Clinical Experience Summary:

- › Due to its matrix structure, CERASORB® Foam is a unique bone regeneration material that promotes safe and rapid bone regeneration, especially in socket and ridge preservation
- › When moistened with blood, CERASORB® Foam can be molded to fit the defect and is easy to position.
- › As a collagen material, stypro® can speed up the blood clot formation, thus promoting a faster and stable healing of soft tissue.

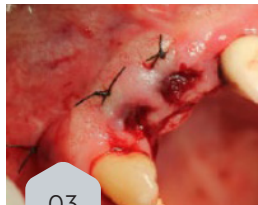
Published by: curasan AG (2017)



01



02



03



04

- › **01 & 02:** The extraction sockets and the soft tissue show two massive defects in the extraction areas
- › **03:** The ridge in the incisal region was augmented with stypro® Cubus. The defect margins were adapted by sutures
- › **04:** The molar area was grafted with CERASORB® Foam. The defect margins were adapted by interrupted sutures



05

- › **05:** The panoramic scan was done after the extraction and preservation. The lack of bone tissue was apparent in the incisal and the molar region



06



07

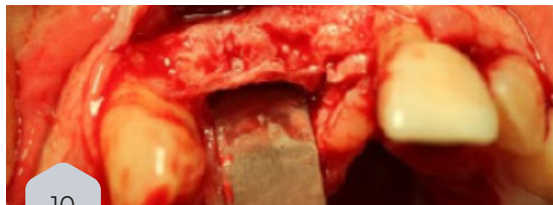


08

- > **06:** The sutures were removed 10 days post-op. In the molar region, the wound healing was favorable
- > **07:** The wound healing in the incisal area showed a perfect closure
- > **08:** 3 months post-op. A large amount of new hard and soft tissue was clinically inspected



09



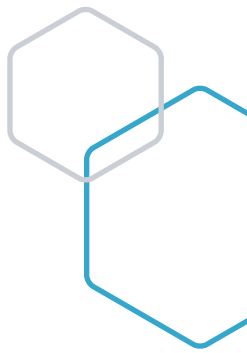
10



11

- > **09:** In the molar region a full healing and a large amount of new bone tissue was noticed
- > **10:** In the incisal area, there is more than sufficient bone tissue for the two planned implants
- > **11:** Panoramic scan after implantation

¹https://www.futuredent.gr/image/data/The_Specific_Case_CerasorbFoam_stypro.pdf



Delayed immediate implant placement and direct soft-tissue management with CERASORB® Foam and I/A-PRF²

Author: Dr. Haki Tekyatan, Simmern, Germany

Summary:

Product used: CERASORB® Foam in combination with I/A-PRF

Indications: Socket Preservation

Clinical Experience Summary:

- › Socket preservation in the aesthetic zone with CERASORB® Foam combined with I/A-PRF ensures a predictable and reliable long-term result in terms of bone and soft tissue regeneration.
- › When hydrated in its biologic state, CERASORB® Foam can be easily shaped and adapted to the alveolar walls under slight compression.

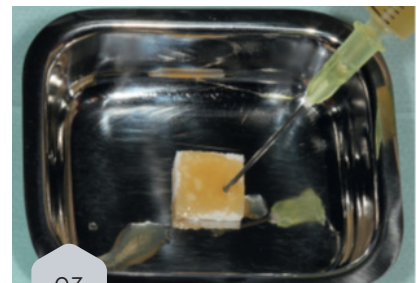
Published by: Implants: International Magazine of Oral Implantology, 3/21



01



02

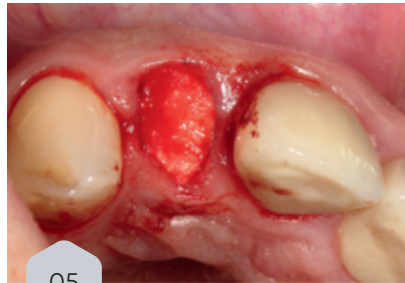


03

- › **01:** Gentle detachment of marginal gingiva and periodontal ligament fibres using periosteal elevators
- › **02:** Atraumatic extraction of the tooth and the fractured fragment
- › **03:** Biologisation of the β -TCP collagen matrix CERASORB® Foam with I-PRF



04



05



06

- › **04:** Insertion of the biologized CERASORB® Foam into the extraction socket
- › **05:** Gentle adaptation of the easily mouldable CERASORB® Foam to the alveolar walls with slight material compression
- › **06:** Crestal covering and sealing of the augmentation material using a compressed A-PRF plug



07



08



09



10

- › **07:** Stabilisation and fixation by means of cross-suturing
- › **08:** Temporary restoration of the gap with an interim prosthesis
- › **09:** Radiographic control of the augmentation site. Note the almost structurally identical distribution of the bone grafting material throughout the extraction socket
- › **10:** Dental panoramic tomogram after implant placement in region #12 and post-op control at three months.

CERASORB® Foam

Key highlights:

- › Superior handling characteristic
- › Collagen matrix embeds granules to achieve a 3-dimensional scaffold
- › Fibrous structure
- › Supports early bone formation



Summary:

- › **CERASORB® Foam** exhibits high wet compression resistance
- › **CERASORB® Foam** rapidly absorbs liquid with minimal volume needed
- › **β-TCP-based CERASORB®** demonstrates excellent biocompatibility, minimal inflammation, and supports tissue growth^{3,4}
- › β-TCP promotes functional recovery and bone regeneration, improving clinical outcomes in dental applications⁵



³Detsch, R., Mayr, H., Ziegler, G., Watzke, N., & Beck, U. (2010). Biocompatibility of β-tricalcium phosphate ceramics in soft tissue and osteoconduction in bone defects. *Journal of Biomaterials Applications*, 25(4), 347-363. <https://doi.org/10.1177/0885328209357265>

⁴Hoess, A., Wenisch, S., Wiesmann, H. P., & Heinemann, S. (2017). Evaluation of soft tissue integration and regeneration using a novel β-TCP bone substitute. *Clinical Oral Implants Research*, 28(7), 862-871. <https://doi.org/10.1111/clr.12992>

⁵Lu H, Zhou Y, Ma Y, Xiao L, Ji W, Zhang Y and Wang X (2021) Current Application of Beta-Tricalcium Phosphate in Bone Repair and Its Mechanism to Regulate Osteogenesis. *Front. Mater.* 8:698915. doi: 10.3389/fmats.2021.698915

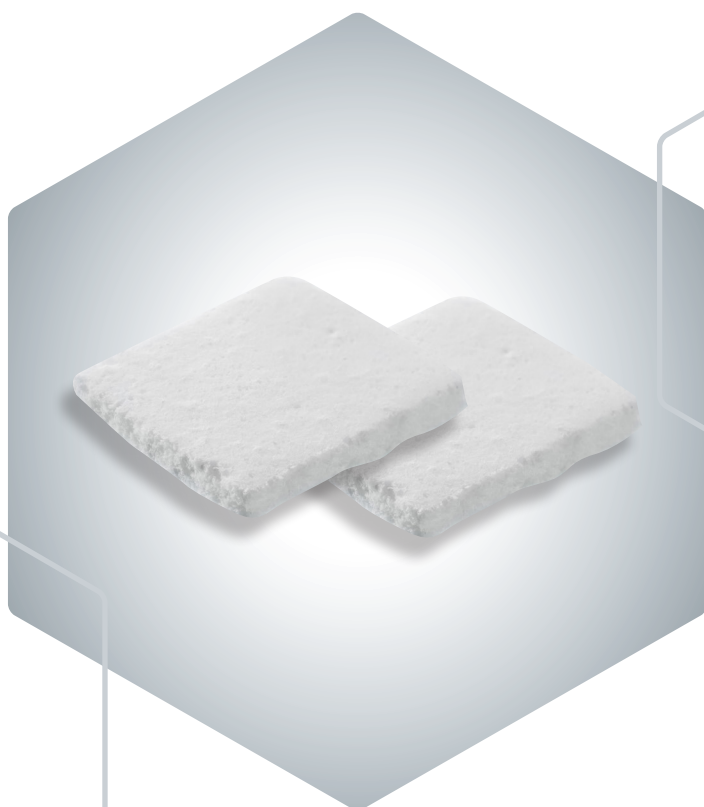
ORDER INFORMATION



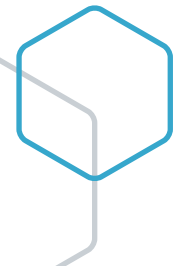
CERASORB® Foam

Resorbable, pure-phase β -tricalcium phosphate + collagen matrix

Ref No.	Size	Content	Packsize
9000 060 054	12 x 12 x 4 mm	0.5 cc	3
9000 060 124	25 x 12x 4 mm	1.2 cc	1
9000 060 254	25 x 25 x 4 mm	2.5 cc	1
9000 060 504	25 x 50 x 4 mm	5.0 cc	1
9000 061 004	25 x 100 x 4 mm	10.0 cc	1



This image shows a blank sheet of white paper designed as a notebook page. At the top center, the word "NOTES" is printed in a simple, black, sans-serif font. Below this title, the page is filled with horizontal grey lines for writing. On the left side, there are decorative elements: a blue line forming a partial hexagon shape near the middle, and another similar blue hexagon shape near the bottom left corner. In the bottom right corner, there is a red logo featuring a stylized hexagon icon followed by the word "curasan" in a lowercase, bold, sans-serif font.





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