

The specific case

Management of a massive
follicular cyst defect with
CERASORB® M

PD. Dr. Dr. Arwed Ludwig
Medical clinic and maxillofacial
surgery practice Kassel,
Germany

CERASORB®-PROMISE

CERASORB®.

Keeps its words in bone regeneration.

curasan
Regenerative Medicine



The specific case

+ Follicular cyst treatment

Management of a massive follicular cyst defect with **CERASORB® M**

*„Since the goal is a physiological bone regeneration, **CERASORB® M** is an ideal choice in this case. The interconnecting, open cellular-porous structure is a good platform for vascularisation, biocompatibility and bone regeneration.“*

PD. Dr. Dr. Arwed Ludwig
Medical clinic and maxillofacial surgery practice Kassel



Case History

A 9-year-old patient with an extensive follicular cyst in the region 23 was examined in the clinic [Fig. 1]. Due to large extension and extensive protruding in the inferior sinus an urgent cyst-removal was necessary [Fig. 2 and 3].

T = Months

[Fig. 1]



Pre-op panoramic scan [Fig. 1].

Take home messages

- ⊕ Fully resorbable, biomimetic pure-phase bone graft materials, such as **CERASORB® M**, can offer appropriate solutions for the management of large cyst defects.
- ⊕ The results can always be reproduced which is important when treating young patients with incomplete bone maturity.
- ⊕ The quality of the regenerated bone tissue is the same as native bone.

[Fig. 2]



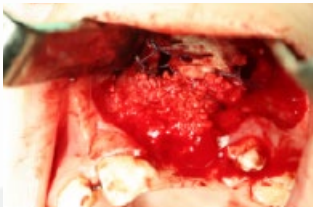
Cyst extirpation [Fig. 2].

[Fig. 3]



Extensive bone defect, after cyst extirpation [Fig. 3].

[Fig. 4]



A mixture of CERASORB® M granules and patient's own blood was applied in 1:1 ratio [Fig. 4].

The 6 month post-op panoramic scan shows a perfect balance between the biomimetic graft material and the natural bone tissue. [Fig. 5 and 6]

[Fig. 6]

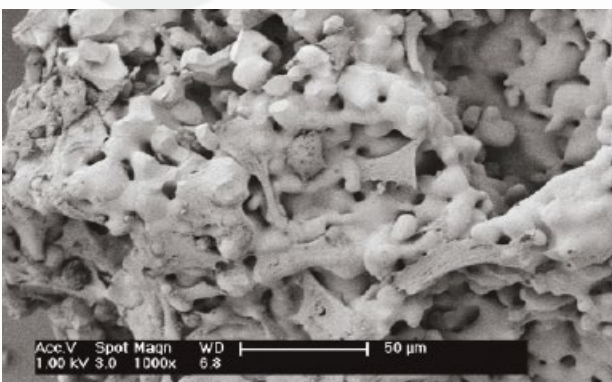


**72 months
(6 years)**

6

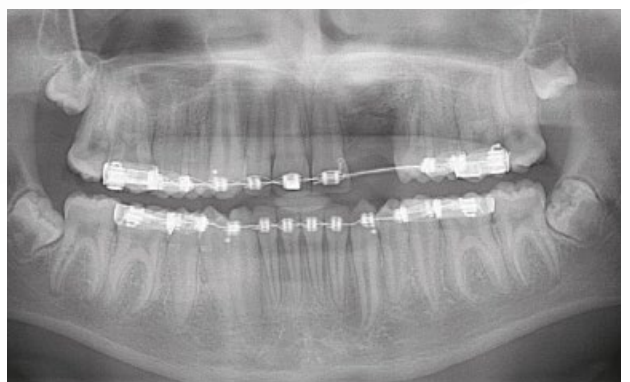
The panoramic scan after 6 years shows a solid base for a future implant placement, which in this case has to wait until complete bone maturity.

[Fig. 5]



Proliferation of CERASORB® M granules with osteoblasts [Fig. 5].

[Fig. 7]



+ Proven Quality

CERASORB® M Granules



Indication field:



Dosage form:



CERASORB® M are pure-phase, biomimetic β -TCP granules. Depending on the area of application, CERASORB® M granules are available in different grain sizes for oral surgery: 150 – 500 μ m, 500 – 1.000 μ m, and 1.000 – 2.000 μ m

Type of use:

- + Filling of defects after extirpation of bone cysts
- + Augmentation of atrophied alveolar ridge, sinus lifting / sinus base elevation
- + Supporting function for a membrane in the course of controlled tissue regeneration
- + Filling of defects after surgical removal of retained teeth

Handling:

- + CERASORB® M granules are soaked with patients' blood and mixed in a 1:1 or 1:2 ratio.
- + CERASORB® M granules can also be used in combination with autologous material, PRP and PRF.

CERASORB® bone-regeneration materials.

We offer tailor-made solutions for diverse requirements.

You have our word!

Curasan
Regenerative Medicine

curasan AG
Lindigstrasse 4
63801 Kleinostheim
Germany
cerasorb@curasan.de
www.curasan.de



CERASORB® – Always First Choice.