

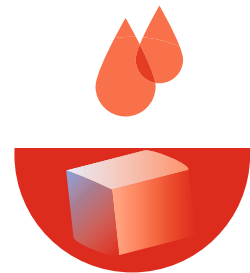
Always pre-wet with sterile and non-pyrogenic saline before use.

Fill the inner packaging blister with physiological saline solution until the block is fully covered. Soak for 5–10 minutes, until it becomes soft and pliable.



Remove excess saline

Squeeze the block to remove excess saline before you add blood, bone marrow aspirate and/or bone.



Add blood and/or bone marrow

Once the block is fully hydrated with physiological saline solution, it can be saturated with blood or bone marrow aspirate and/or be mixed with autologous bone.

Orthoss® Collagen must be used wet.

Do not use more than three blocks.

Hydrating time can be reduced to 3 minutes by gently pressing and releasing the product from time to time (at least 2 times in 30 seconds).

Rinse surgical gloves to remove any powder and leachable additives prior to handling Orthoss® Collagen.



Shape the block

Following hydration with sterile, non-pyrogenic saline solution the product becomes soft and pliable and can be cut or shaped to fit the defect site.

Place carefully into a well vascularized and confined bone defect.

Ensure maximal contact between product and bone wall. Avoid compaction and do not overfill. Secure product in the bone defect to avoid migration.



Do not use more than 3 blocks of 0.8 cc Orthoss® Collagen in one defect.

Using
Orthoss®
Collagen



www.geistlich-surgery.com

Headquarters Switzerland

Geistlich Pharma AG
Business Unit Surgery
Bahnhofstrasse 40
CH-6110 Wollhusen
Phone +41 41 492 55 55
Fax +41 41 492 56 39
surgery@geistlich.com
www.geistlich-surgery.com

France

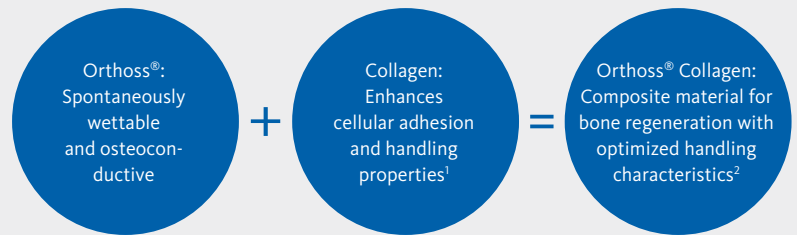
Geistlich Pharma France SA
Parc des Reflets
165 avenue du Bois de la Pie - BP 43073
FR-95913 Roissy CDG Cedex
Phone +33 1 48 63 90 26
Fax +33 1 48 63 90 27
surgery@geistlich.com
www.geistlich.fr

Germany

Geistlich Biomaterials
Vertriebsgesellschaft mbH
Schneidweg 5
D-76534 Baden-Baden
Phone +49 7223 96 24 0
Fax +49 7223 96 24 10
surgery@geistlich.de
www.geistlich.de

Italy

Geistlich Biomaterials Italia S.r.l
Via Castelletto, 28
I-36016 Thiene VI
Phone +39 0445 370 890
Fax +39 0445 370 433
surgery@geistlich.com
www.geistlich.it



Orthoss® Collagen is a highly purified natural bone mineral combined with native collagen, designed for orthopedic bone regeneration. Granules of cancellous bone mineral provide an osteoconductive matrix for bone regeneration. Natural collagen makes this composite material malleable.

Orthoss® Collagen is intended to be used in orthopedic applications to fill bone voids or gaps that are not intrinsic to the stability of the bony structure. These defects may be surgically created osseous defects or osseous defects resulting from traumatic injury to the bone.

Delivered dry and in block format, Orthoss® Collagen must be hydrated before use.

Art.-Nr. 30551.1
Orthoss® Collagen 0.8 cc
Block: 10 mm × 10 mm × 8 mm



1 Collagen-Containing Scaffolds Enhance Attachment and Proliferation of Non-Cultured Bone Marrow Multipotential Stromal Cells. Jehan J. El-Jawhari et al. 2015 Journal of Orthopaedic Research [https://DOI.org/10.1002/jor.2307](https://doi.org/10.1002/jor.2307) (Bench test)

2 Geistlich Pharma AG, pre-clinical data on file