



range

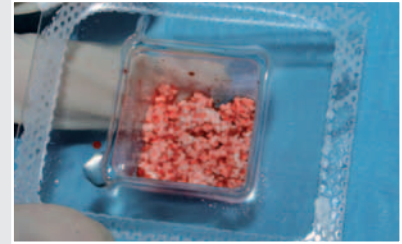
# Kera OS<sup>®</sup>

**RECOMMENDATIONS FOR USE**

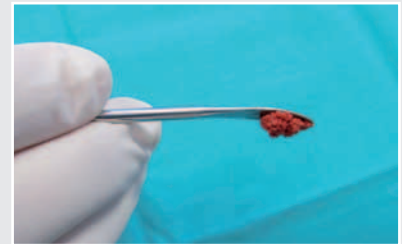
# RECOMMENDATIONS FOR USE

🔴 **KeraOs®** is recommended to be used as a bone void filler. It has no load responsibilities, so it must be carefully handled.

🔴 Due to its granulated nature, it is recommended to mix **KeraOs®** granules, when used, with patient's blood or, otherwise, with physiological saline, with the aim of avoiding its dispersion at the grafted site.



Its high hydrophilic capacity makes that, once humidified (with blood or saline), **KeraOs®** granules are agglomerated, which makes easier its handling and enables its modeling in-situ at the defect site.



🔴 Mixing the product with patient's blood allows, apart from getting the agglomeration of the granules, to add to the biomaterial, and, therefore, to the bony defect, the biological factors needed for the development of the bone regeneration process since it facilitates and accelerates the colonization by osteoproliferative cells.

🔴 Bed must be properly ready. Any of mixtures mentioned before must be got in touch with healthy and vascularized bone avoiding that it keeps in touch with scraps of ligament, granulation tissue and/or tissue with suspected contamination.

🔴 **KeraOs®** handling, or its mixture, must be done with sterile material.

🔴 **KeraOs® mixture** with blood, saline and other agents that favours bone regeneration (PRP; PRGF...) **must be directly done in the blister pack in which the product is contained**, since it has been especially designed to be used as Dappen glass. This way of mixing guarantees the required conditions of sterility. This guarantee cannot be produced if **KeraOs®** is transvased to another container.



🔴 When **KeraOs®** is placed, the excessive compaction of the biomaterial must be avoided. The vascularization at the whole grafted area must be assured.



🔴 Whenever it is possible, primary stability of the implant must be assured. For that, it is recommended to use, if needed, GBR elements (guided bone regeneration). In those cases in which it is needed, a collagen membrane may be used, and this will not interfere in **KeraOs®** activity.

