

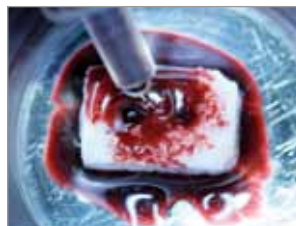
# Recommendations for use

## 1 OP instructions

1. For rapid bone development, as large as possible a contact area between the underlying bone tissue and the NanoBone® | block is recommended. This contact area can be achieved by:
  - a. contouring the block with rotating instruments, although care must be taken to ensure the resulting shape is not too complex, or
  - b. adapting the underlying bone tissue in line with the shape.
2. Drill Ø 1.2 mm holes in the underlying bone tissue (if possible using the microplate as a template).
3. Perforate the underlying bone tissue.
4. Adapt block to the underlying bone tissue in congruence with the shape.
5. Soak the NanoBone® | block in blood.
6. Tighten the two microscrews lightly to fix the block with the microplate.
7. Fully moisten the fixed block with physiological saline solution to ensure that the whole of the block is saturated and there are no air spaces.
8. Surround the contact points with chips of NanoBone® | block or with NanoBone® | granulate.
9. Tension-free and saliva-proof closure of the soft tissue in the augmented area, if necessary periosteal slitting. Absorbable membrane can be used but it is not absolutely necessary.
10. Perioperative antibiotics are to be recommended.



2 | Contouring the block with rotating instruments



3 | Soaking the block in blood



4 | Fixing with a microplate and two microscrews



5 | Tension-free cover

## 2 Post-operative procedure

All pressure on the augmented material (including through partial prostheses) must be avoided. The wound can be cleaned using an extremely soft short-head brush and

disinfectant solutions (pressure-free!). Do not rinse! Moderate cooling of the surrounding area for the reduction of post-operative swellings is possible.

## 3 Implant insertion

Insertion of implant subsequent to 3 months' healing time at the

earliest if there is macroscopic evidence of bone reconstruction.