CT-Bone™
What is CT-Bone?

CT-Bone is the World’s first synthetic bone graft to fuse and assimilate. Unlike other ceramics CT-Bone does not require a thermal process to increase mechanical strength. Since CT-Bone does not require sintering process, it displays better bony fusion and is dimensionally stable.

Unique Characteristics of CT-Bone

- **Material**: Unsintered Ca deformitive HA is a same material as our human bone.
- **Fitting**: We use 3D printer to reproduce complex structure.
- **Inner Structure**: Continuous Pores and cavities allows cells to enter.
- **Medical Expense Reimbursement**: Insurance application as synthetic bone graft is possible.
Clinical Research

Case 1: Hemifacial Microsomia

Pre OPE  |  Post OPE  |  3 Years After OPE

Changes in CT values

Case 2: Right Lower Jaw Deformity After Reconstruction

Pre OPE  |  Post OPE  |  1 year After OPE

Determination of basic shape by surgeon (wax up)

Basic shape design using software by surgeon.

Fabricate bone model based on the data.

Fabricate bone model based on the CT data.

Sterile

Autoclaving

Delivery

For further details please check the QR codes below or visit our website http://next21kk.wixsite.com/ctbone

NEXT 21 K.K
8F, 3-38-1 Hongo, Bunkyo-ku, Tokyo 113-0033
TEL:+81-3-5840-8830  FAX:+81-3-5840-8831
URL: http://www.next21.info

Distributor Agent  okada
URL: http://www.okdms.co.jp