# MT-Ceram<sup>™</sup>

hydroxyapatite(90%)+β-TCP(10%) Synthetic bone graft





## Suitable for High Tibia Osteotomy

## **Advantages**

- NO immune rejection response
- High Stability
- ▶ Best structure for rapid osteanagenesis
- Wedge shape designed for easily insertion

manufactured by



distributed by



wonyang BD. 401, 308-4, Jangan 2-dong, Dongdaemun-gu, Seoul, Korea Tel: 02-2216-1797, Fax: 02-2216-1796

#### Post-Operation



egenerative rthritis



8 months later





by courtesy of M.D., Ph.D. Kim. Y. M(ProF., C.B. National University, 2008)

Y00.(F/49) Knee joint degenerative arthritis High tibial osteotomy

#### Main ingredients of NT-Ceram Spacer

NT-Ceram Spacer has been made through the synthesis of highly pure inorganic material using Hydroxyapatite (90%) and  $\beta$ -TCP(10%) as main ingredients.

It can achieve rapid osseointegration with human bone.

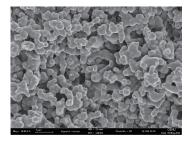
In addition, as it consists of human body-friendly and proven inorganic matters,

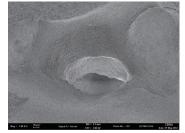
it dose not cause any immunorejection and has no risk of transmitting contagious disease.

### **Dual Structure of NT-Ceram Spacer**

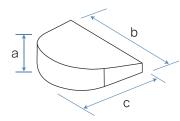
NT-Ceram has dual structures, porous and compact structures as that of human bone. [porosity 70%]

This dual structure resembles the structures of cortical and cancellous bones in human thus it can maintain strength and provide optimum space for osseointegration.





#### **Demension**



Model No.	Order No.	Porosity(%)	Rated Size(mm)			Packago	Volume(cc)
			a	b	С	rackage	Votume(cc)
W-735	BNT-W735	60		35	25	- 1PC	3.1
W-1035	BNT-W1035		10	35	25		4.5
W-1335	BNT-W1335		13	35	25		5.8
W-745	BNT-W745		7	45	35		5.7
W-1045	BNT-W1045		10	45	35		8.0
W-1345	BNT-W1345		13	45	35		10.5