

MedPark

S1

**NEW BONE
NEW LIFE**

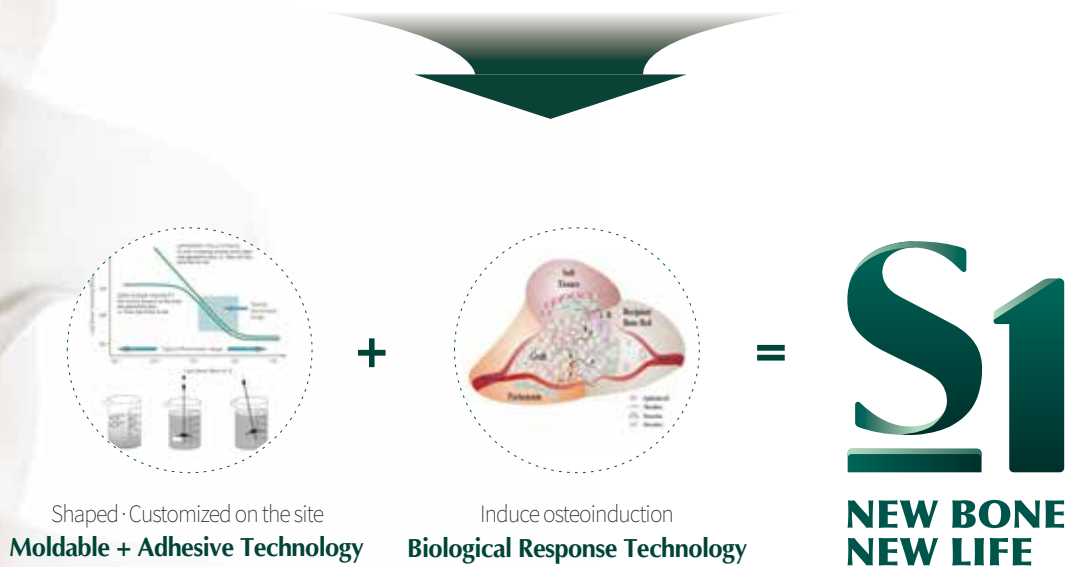
MEDICAL
BONE GRAFT

Optimized for function transfers Hydrogel Carrier Technology

The Ideal Bonegraft Material

Technology

Simple ceramic form of organic or inorganic compounds



ORIGINAL BONE

Unable to mold
Lack of retentivity

Inadjustable to intensity

Scattered & Flowing

S1

Moldable & Customizing

Adjustable to intensity

Adhesive

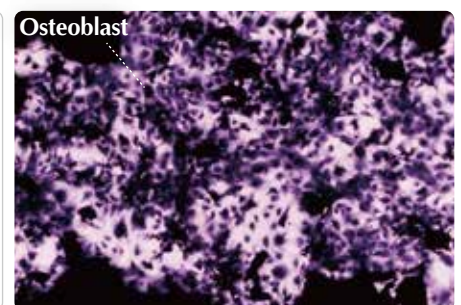
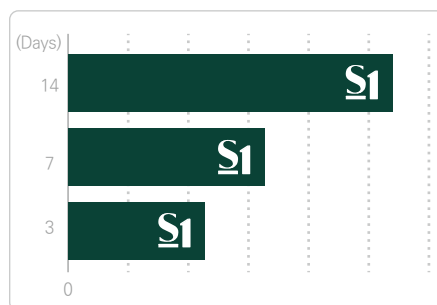
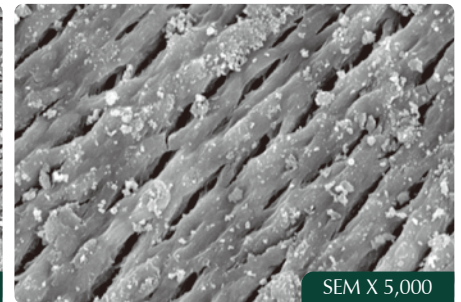
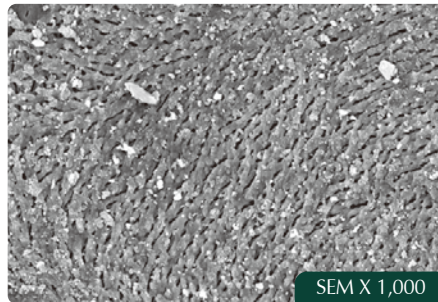
Bonegraft solutions for Clinicians and Patients

keywords

1 High porosity

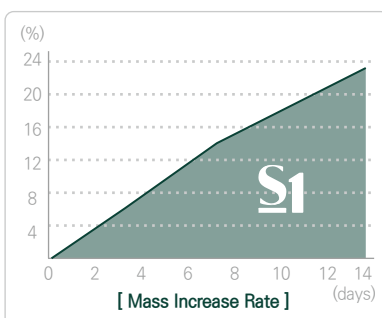
Porosimeter Test

- Percentage of porosity is more than 70%
- High porosity allows rapid penetration of growth factors



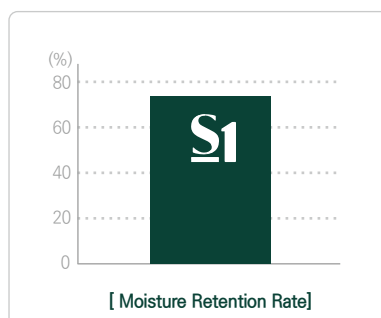
1 Bone formation rate

- High attachment rate of ions to S1
- 21% increase in mass after 14days due to high adhesive rate of ions



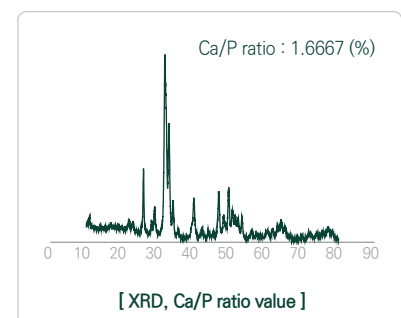
1 Improved Hydrophilicity

- More than 72% in moisture retention rate



1 Biocompatibility

- 1.67% of Ca/P ratio similar to human bones by XRD test





Innovative technology

Check it out for yourself !

Quick Guide



TYPE	WEIGHT (g)	SOLUTION AMOUNT (cc)
Unused Syringe	10	5
	20	9
Used Syringe	10	10
	20	20



Applicable to needles larger than 10 Gauge



Can be applied by type by adjusting the amount of hydration according to the use



Please apply the liquid as indicated



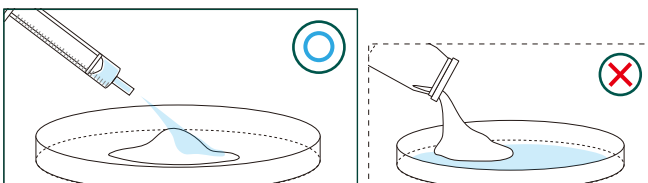
Each package is for one-time use only



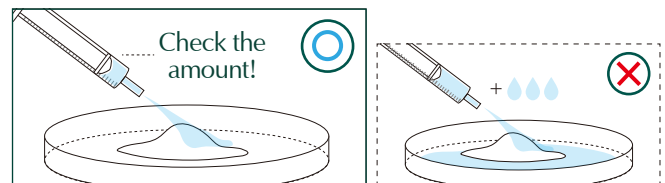
Do not mix with other bonegraft



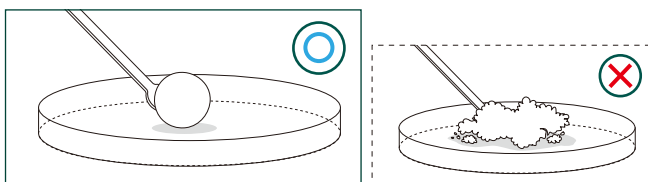
Mix with solutions well enough



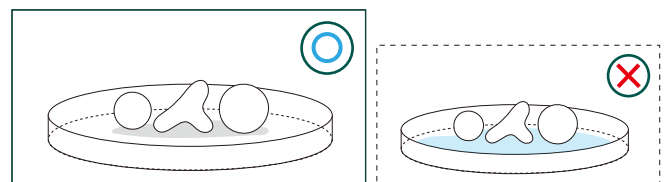
1 Place S1 in the tray and hydrate the materials with saline



1 Please use the recommended amount of saline only.



1 Knead the dough enough for at least 30 seconds by using hands or tools to form a lumpy shape before using S1.

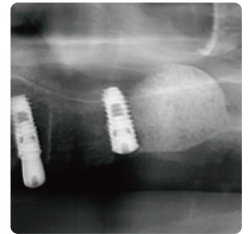


1 Do not soak in saline after shaping for a surgery

Scalable to All Aspects of **Bone Medicine, S1**



CMF



Dental



Cervical



Shoulder, Clavicle



Spine



Wrist, Hand



Trauma



Hip joint



Ankle



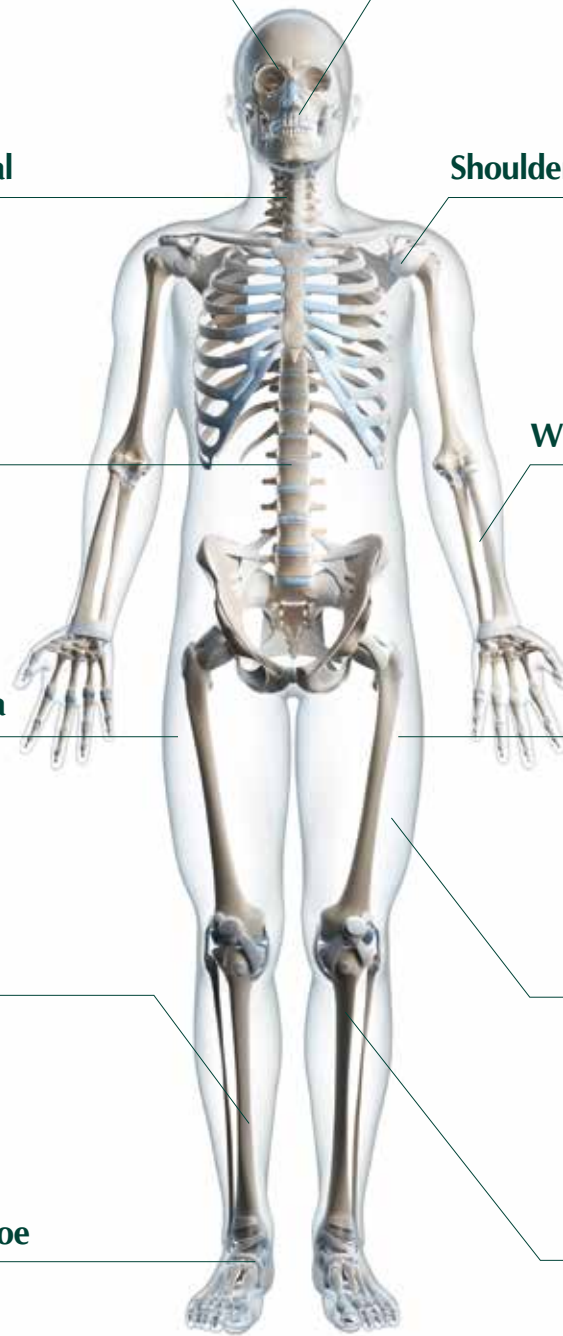
Leg



Foot, Toe



Knee





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E-mail biz@medpark.net
www.medpark.net