

# UNLOCKING GROWTH FACTORS ENHANCING BIOAVAILABILITY

Regeneration Naturally™



## INDUCE Oi-9™

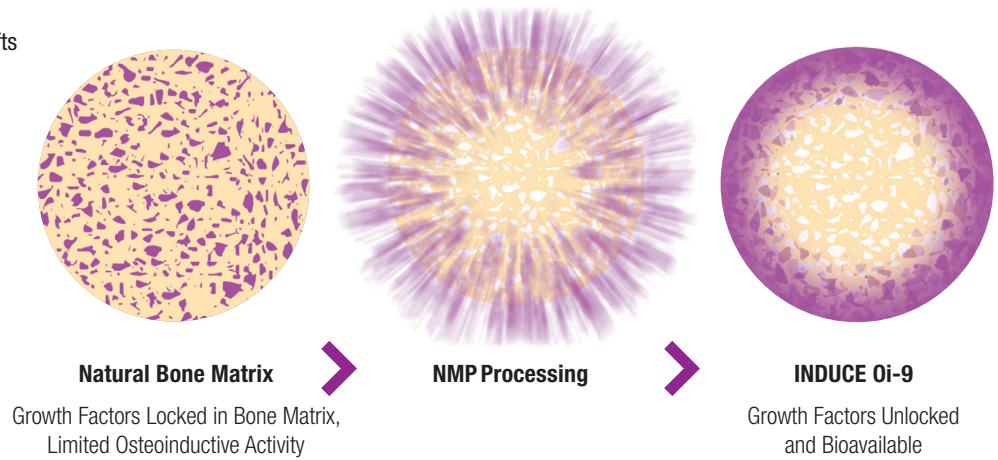
- The NMP® (Natural Matrix Protein®) Process unlocks natural growth factors
- Ambient temperature storage with a 5-year shelf life
- Available in FiberMatrix and Micro Particulates

## INDUCE Oi-9 BIOIMPLANTS

### Regeneration Naturally™

INDUCE Oi-9 Bioimplants are advanced allografts that harness natural growth factors to replicate the body's innate healing capabilities by the NMP® (Natural Matrix Protein®) Process.

The proprietary NMP Process unlocks growth factors from the bone matrix and makes them bioavailable.<sup>1</sup> NMP processing is a multi-step process which includes removing a majority of the mineral component.



### An Array of Growth Factors and BMPs Supporting Regeneration

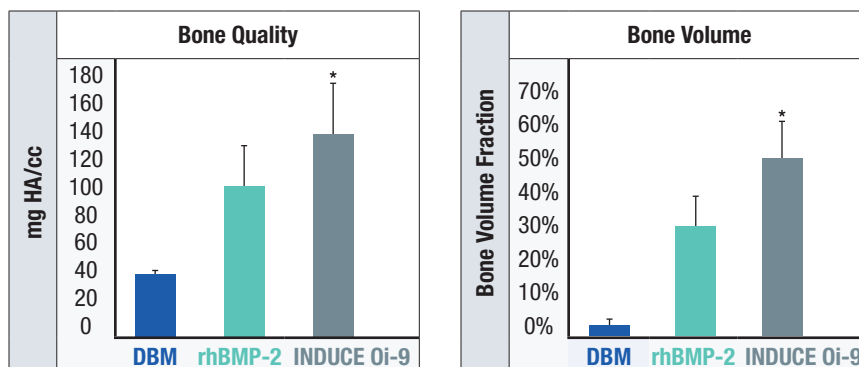
INDUCE Oi-9 Bioimplants contain growth factors and BMPs to support the complex cascade of bone regeneration including BMP-2, BMP-7, BMP-9, TGF-β1, PDGF, VEGF, and IGF-2. The NMP process enhances their bioavailability as shown through analytical testing.

Multiple bone morphogenic proteins, growth and differentiation factors play a critical role in bone formation. These growth factors work synergistically to promote bone formation.<sup>2</sup>

	BMP-2	BMP-7	TGF-β1	VEGF	PDGF
Growth Factor Function	Osteoinduction	Osteoinduction	Angiogenesis; Bone Matrix Formation	Angiogenesis	Angiogenesis; MSC Proliferation
INDUCE Oi-9**	●●●○○	●●●○○	●●○○○	●●●○○	●●●○○
rhBMP-2	●●●●●	○○○○○	○○○○○	○○○○○	○○○○○

### Comparison in Bone Healing<sup>3</sup> in Quality and Quantity

The INDUCE Oi-9 Bioimplant has been shown to form more bone of a better quality than rhBMP-2 in animal studies.



<sup>1</sup> Statistically significant, p<0.01

<sup>2</sup> Li P., et al. Synergistic and sequential effects of BMP-2, bGF and VEGF on osteogenic differentiation of rat osteoblasts. J Bone Miner Metab 32, 627-635 (2014).

<sup>3</sup> Kohen Y., Shivanna S. and Peel SAF. Evaluation of Natural Matrix Proteins (NMP) Bone Allograft in vitro and in vivo. ASBMR. LB SUN-908, 2022.

**INDUCE Oi-9 is made available in two forms:**

- FiberMatrix is made from NMP® (Natural Matrix Protein®) Processed human cortical fiber and particulates
- Micro Particulates made from NMP (Natural Matrix Protein) Processed human cortical particulates



**INDUCE Oi-9  
FiberMatrix**

NMP Processed Cortical  
Fiber and Particulates  
0.25-1mm



**INDUCE Oi-9  
Micro Particulates**

NMP Processed  
Cortical Particulates  
0.25-1mm

**Bioavailability**

The NMP Process unlocks growth factors naturally found in bone, making them bioavailable for bone regeneration.

**Superior Handling & Flexibility**

Upon hydration, INDUCE Oi-9 becomes a moldable, easy to place putty and may be used alone or in combination with other regenerative materials.

**Safe & Convenient**

INDUCE Oi-9 is terminally sterilized with a 5-year shelf life and stored at ambient temperature.

**INDUCE Oi-9 is recommended as a bone filler for:**

- Saving teeth and implants
- Ridge Augmentation
- Periodontal Defects
- Furcation Defects
- Peri-Implantitis
- Sinus Elevation

**Storage and Handling Information:**

INDUCE Oi-9 Bioimplants are freeze dried and sterile and should be stored at ambient temperature.

To rehydrate and prepare product for use, cover allograft with whole blood, lactated ringers or normal saline. Please see Instructions for Use included with each product for more information.

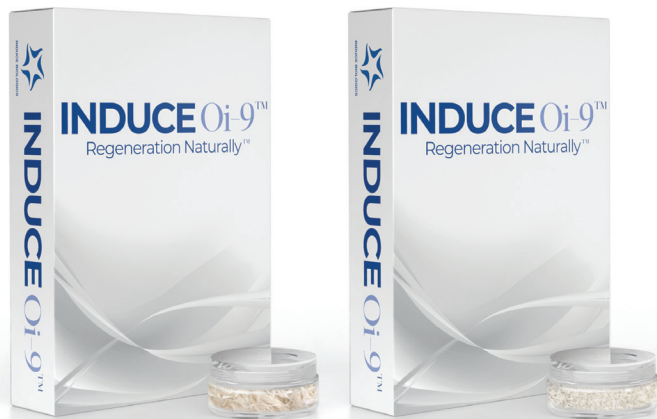
Unit Size	Rehydration Volume
0.5 cc	0.2 - 0.4ml
1.0 cc	0.5 - 0.8ml



**INDUCE Oi-9 FiberMatrix**

Shown dry, as supplied (above)  
and when hydrated (below)

# INDUCE Oi-9™



## INDUCE Oi-9 FiberMatrix

NMP® Processed  
Fiber and Particulates

## INDUCE Oi-9 Micro Particulates

NMP Processed  
Cortical Particulates

### Ordering Information:

INDUCE Oi-9 FiberMatrix		Particulate size	Volume
1475849	NMP Processed Cortical Fiber and Particulates	0.25mm -1mm	0.5cc vial
1475850	NMP Processed Cortical Fiber and Particulates	0.25mm -1mm	1.0cc vial

INDUCE Oi-9 Micro Particulates		Particulate size	Volume
1475852	NMP Processed Cortical Particulates	0.25mm -1mm	0.5cc vial
1475851	NMP Processed Cortical Particulates	0.25mm -1mm	1.0cc vial

For the most up-to-date pricing, please contact ACE SOUTHERN or visit our website at [www.acesouthern.com](http://www.acesouthern.com).

Copyright © 2025 ACE SOUTHERN

INDUCE Oi-9™ is sourced from tissue banks accredited by the American Association of Tissue Banks (AATB®) who perform donor screening, tissue procurement procedures, and processing of human bone using the NMP® Process to prepare INDUCE Oi-9 products.

INDUCE Oi-9™ is manufactured for INDUCE Biologics, USA.

INDUCE Oi-9™ is a trademark of Red Rock Regeneration, Inc. and its Affiliates.

NMP® is a registered trademark of Red Rock Regeneration, Inc. and its Affiliates.

Regeneration Naturally™ is a trademark of Red Rock Regeneration, Inc. and its Affiliates.

Henry Schein® is a registered trademark of HS TM, LLC.

AATB® is a registered service mark of the American Association of Tissue Banks.