

INDUCE^{XT}

NMP[®] BIOIMPLANT

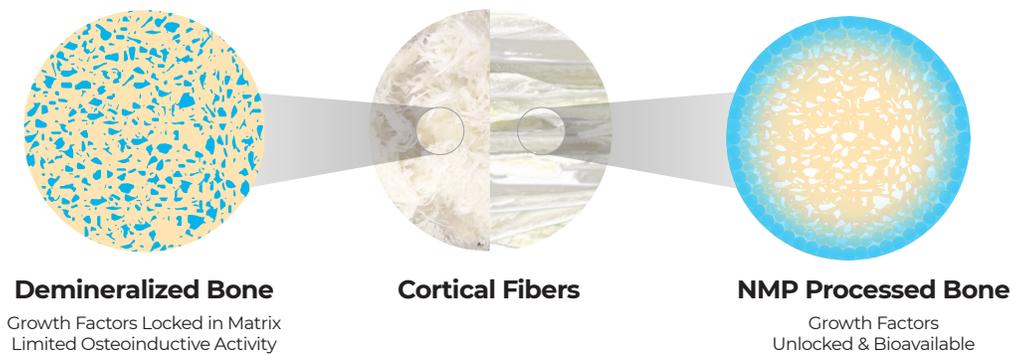
Developed for
Foot and Ankle Surgery

UNLOCK THE MATRIX

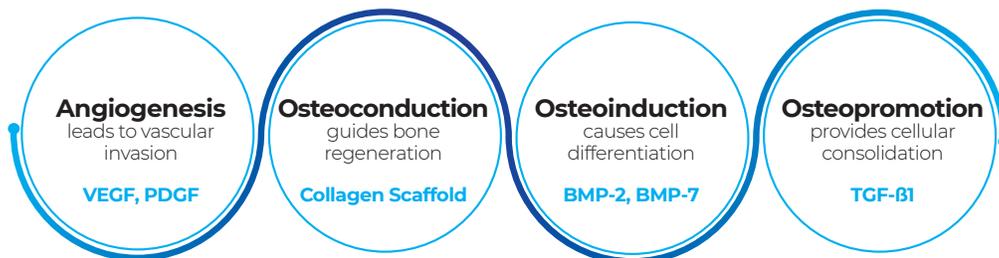
Induce^{XT} is a human allograft which contains multiple growth factors naturally found in human bone.¹ The bioimplant is created using the proprietary NMP Process that unlocks growth factors, including BMP-2, BMP-7, TGF- β 1, VEGF, and PDGF, making them more bioavailable for bone regeneration.

NMP[®] TECHNOLOGY (Natural Matrix Protein)

The NMP process unlocks the growth factors naturally found in bone, making them bioavailable.

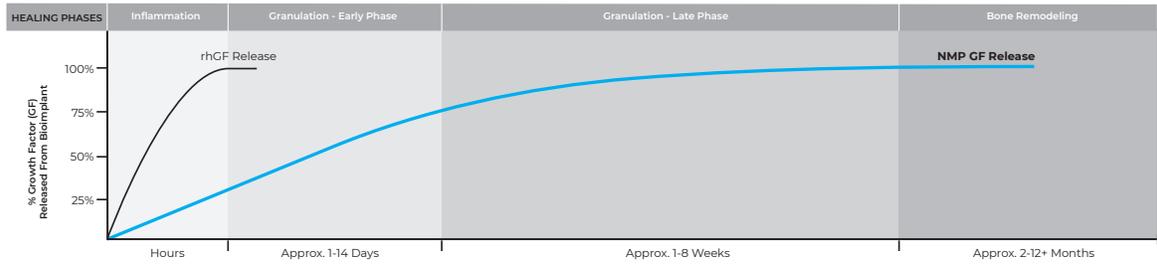


GROWTH FACTORS WITH NMP[®] TECHNOLOGY Osteoregeneration



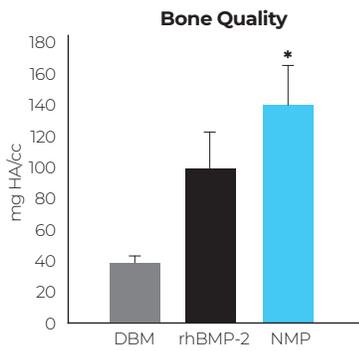
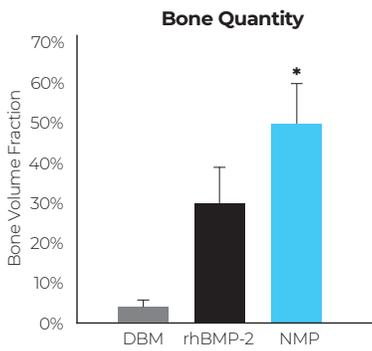
	BMP-2	BMP-7	TGF β -1	VEGF	PDGF
Growth Factor Function	Osteoinduction	Osteoinduction	Angiogenesis; Bone Matrix Formation	Angiogenesis	Angiogenesis; MSC Proliferation
NMP	●●●○○	●●●○○	●●○○○○	●●●○○	●●●○○
rhBMP-2	●●●●●	○○○○○	○○○○○	○○○○○	○○○○○
rhPDGF	○○○○○	○○○○○	○○○○○	○○○○○	●●●●●

While bone grafts containing recombinant growth factors (rhBMP-2 and rhPDGF) release their growth factors in a burst, with over 90% released within 1 to 2 days, NMP releases growth factors over a prolonged period, lasting into the bone remodeling phase.²



OSTEOINDUCTION

The NMP Bioimplant has been shown to form more bone of better quality than rhBMP-2 in animal studies.³



* Statistically significant, p<0.01



MicroCT images of DBM, rhBMP-2 and NMP implants 28 days post implantation. Grey mass is unmineralized tissue. White areas within the mass are mineralized bone, which was confirmed by histology.

PREPARATION AND HANDLING

InduceXT is:

- Packable and able to withstand irrigation at the fusion site
- Shelf-stable with 5-year shelf life⁴

Product	Specification/Description	Product Code	Size
 InduceXT™	NMP Fibers, NMP Micro Particulates, and mineralized cancellous bone	NMPXT1-5	1.5cc
		NMPXT3-0	3.0cc
		NMPXT10-0	10.0cc

1. Kohen et al. Evaluation of the Natural Matrix Protein (NMP) bone allograft in vitro and in vivo. JBMR (2023) 38:S1 p342. 2. Data on file. 3. Peel SAF. The bone-forming potential of Natural Matrix Protein (NMP) bioimplants compared with cellular, peptide, and growth factor-enhanced bone graft substitutes. Presented at: The 38th Annual Meeting of the Canadian Biomaterials Society; Jun, 14-17 2023; Halifax, CA. 4. Induce Biologics NMP IFU.

Results from *in vivo* laboratory testing may not be predictive of clinical experience in humans. NMP products are intended for use as a bone void filler for filling voids and gaps in the skeletal system that are not intrinsic to the stability of the bony structure.

