OSSIFY

The Robert Miller Blend

OSSIFY™ MILLER MIX | Surgical Esthetics®

HONORING THE LEGACY OF DR. ROBERT MILLER

Developed from decades of clinical research, scientific study, and thousands of successful regenerative procedures, The Robert Miller Blend represents Dr. Robert Miller's philosophy of optimizing the body's natural healing response. Rather than relying on a single type of bone particulate, Dr. Miller believed that combining carefully selected forms of human allograft could maximize the biological events that lead to the formation of healthy, vital bone.



DESIGNED FOR EARLY BONE FORMATION

The Robert Miller Blend combines four complementary forms of human allograft:

- Mineralized Cancellous Bone
- Mineralized Cortical Bone
- Demineralized Cancellous Bone
- Demineralized Cortical Bone

Each component contributes unique biological and structural characteristics that work together throughout the healing process.



PASSIONATE ABOUT REGENERATION

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THE BIOLOGICAL PHILOSOPHY

Dr. Miller designed this blend to promote the earliest possible recruitment of osteogenic cells while maintaining an ideal scaffold for new bone formation.

The combination is intended to provide:

- Early cellular recruitment
- Rapid vascular infiltration
- Osteoconductive architecture
- Exposure of naturally occurring bone matrix proteins through the demineralized components
- Longer-term structural support from the mineralized cortical particles
- Progressive remodeling into healthy vital bone

The goal is to create an environment that supports rapid early healing while maintaining the stability necessary for predictable regeneration.

WHY FOUR COMPONENTS?

Each particulate contributes different biological properties. Together these components are blended in proportions selected by Dr. Miller through years of clinical refinement.

MINERALIZED CANCELLOUS

- Highly porous architecture
- Excellent scaffold for vascular ingrowth
- Rapid cellular infiltration



MINERALIZED CORTICAL

- Increased structural integrity
- Slower resorption profile
- Space maintenance during healing

DEMINERALIZED CANCELLOUS

- Combines porosity with exposure of native bone matrix proteins
- Designed to encourage early cellular activity

DEMINERALIZED CORTICAL

- Provides additional exposed bone matrix proteins
- Complements the mineralized components throughout the remodeling process

THE ROBERT MILLER PHILOSOPHY

"*Successful regeneration is not simply filling a defect, it is creating the ideal biological environment for the body to regenerate living bone.*"

The Robert Miller Blend reflects decades of experience in implant dentistry, bone regeneration, and biologically driven treatment planning.

0.5-1.0mm,	
SKU	VOLUME
BG-018050	0.5cc
BG-018100	1.0cc
BG-018200	2.0cc

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