

Regenerative Application Guide

PROCEDURAL SOLUTIONS FOR YOUR REGENERATIVE NEEDS

		SOFT TISSUE AUGMENTATION	BLOCK GRAFTING	RIDGE AUGMENTATION "SANDWICH" TECHNIQUE ^{1,2}	SINUS LIFT (PER SINUS)	3-WALL EXTRACTION SOCKET	4-WALL EXTRACTION SOCKET	IMPLANT PACKING / PERIODONTAL DEFECT
<i>Puros</i> ® Cancellous Particulate Allograft			✓ (0.5cc) (To fill around edges)	✓ (1 cc) (Inner)	✓ (2cc)	✓ (0.5-1cc)	✓ (0.5-1cc)	✓ (0.5-1cc)
<i>Puros</i> Cortical Particulate Allograft				✓ (1 cc) (Inner)	✓ (2cc)			
<i>Puros</i> Demineralized Bone Matrix Putty			✓					✓
<i>Puros</i> Demineralized Bone Matrix Putty with Chips			✓		✓	✓	✓	
<i>Puros</i> Block Allograft			✓ (10-15mm)					
CollaPlug® Absorbable Wound Dressing	 Solid						✓	
CollaCote® Absorbable Wound Dressing					✓ (For Schneiderian membrane tears)			
CollaTape® Absorbable Wound Dressing		✓			✓			
<i>Zimmer</i> Socket Repair Membrane						✓		
<i>BioMend</i> ® and <i>BioMend</i> ® Extend Absorbable Collagen Membranes (RIGID)				✓	✓ (30x40mm)			✓
<i>Puros</i> Pericardium Membranes (PLIABLE)			✓ (30x40mm)	✓				
<i>Puros</i> Dermis Allograft Tissue Matrix		✓						

Zimmer Dental Soft Tissue Options

FORMULATION	WOUND DRESSINGS		BARRIER MEMBRANES		SOFT TISSUE GRAFTS	
CLINICAL NEED	Wound healing	Wound stabilization	Space creation and maintenance		Adaptability	Soft tissue augmentation
ZIMMER OPTIONS	CollaPlug® CollaCote® CollaTape®	HemCon Dental Dressings	<i>BioMend</i> and <i>BioMend Extend</i> Collagen Membranes	<i>Zimmer</i> Socket Repair Membrane	<i>Puros</i> Pericardium Allograft Membrane	<i>Puros</i> Dermis Allograft Tissue Matrix
BENEFITS	Time-tested	Self-adhesive	Shape memory	Pre-cut for extraction sockets	Strong and conformable	User-friendly
RESORPTION*	10-14 days ³	24-48 hours** (Dissolves)	8 weeks (<i>BioMend</i>) ³ 18 weeks (<i>BioMend Extend</i>) ³	26-38 weeks ^{4***}	8-24 weeks ⁵	3-4 months (thin) 5-6 months (thick)

* Resorption rates may vary from patient to patient.

** May take up to 7 days.

*** When not exposed, the resorption rate is 26-38 weeks; if left exposed, resorption time is shorter.

1. Park SH, Wang HL. Mucogingival pouch flap for sandwich bone augmentation: technique and rationale. *Implant Dent.* 2005;14:349-356.

2. Wang HL, Shotwell JL, Itose T, Neiva RF. Multidisciplinary treatment approach for enhancement of implant esthetics. *Implant Dent.* 2005;14:21-29.

3. Refer to package insert.

4. Data on file with Collagen Matrix, Inc.

5. Rothamel D, Schwarz F, Sager M, Herten M, Sculean A, Becker J. Biodegradation of differently cross-linked collagen membranes: an experimental study in the rat. *Clin Oral Implants Res.* 2005;16(3):369-378.

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