Integra Mozaik™

Osteoconductive Scaffold

Compression Resistant Strip

- Retains bioactive fluids within scaffold to facilitate protein binding[1].
- Maintains graft volume under compression.
- Bends to conform to uneven surfaces.

Moldable Putty

- Excellent handling and moldability.
- Optimal for placement in irregularly shaped defect sites.

Specifications

80 % Highly Purified beta-TCP Granules

- Provides defect filling volume.
- Allows for radiographic visualization of bone graft placement.
- Contains mineral components necessary for bone growth.

20 % Highly Purified Type-1 Collagen

- Provides sites for protein binding.[1]
- Biocompatibility and safety of Integra's collagen demonstrated in over 10 million implants (neurosurgery, plastic and reconstructive surgery, and orthopedic surgery).
- Rapid and complete absorption of bioactive proteins[1].

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Scaffold Function	Ideal Scaffold Feature	Provided by Integra Mozaik™
Carrier for cells and proteins Indicated for use with bone marrow aspirate, which contains cells and proteins responsible for bone formation.	**Absorbs and Retains**	The Integra Mozaik™ matrix uses **highly purified collagen, which provides strong binding sites for retention of proteins[1].**
		The Integra Mozaik™ matrix has an **interconnected pore structure that absorbs fluids.**
Guide for new bone formation Osteoconductive scaffolds create an optimal environment for signals and cells, which are important in the formation of new bone.	**Simulates Natural Bone**	The Integra Mozaik™ matrix has a **structure and composition similar to those of natural bone matrices.**
	Optimal Resorption Profile	The Integra Mozaik™ matrix **resorbs at a rate consistent with the formation of new bone.**
	Biocompatible and Safe	The Integra Mozaik™ matrix consists of **highly purified collagen and beta-TCP, which minimizes the potential for immune response.**

Scaffolds serve important functions in building bone.

- Engineered to mimic the composition and pore structure of natural human bone.
- Combined with bone marrow aspirate, is intended for use as a bone void filler.
- Offers excellent absorption and retention of fluids.

Integra Mozaik™ Osteconductive Scaffold Ordering Information

Moldable Putty	
Description	**Catalog number**
15cc	ITLPTY10256
10cc	ITLPTY10210
5cc	ITLPTY10155
2.5cc	ITLPTY10125

Compression Resistant Strip	
Description	**Catalog number**
15cc (100x25x6 mm)	ITLCCM10256
10cc (100x25x4 mm)	ITLCCM10210
Aspirex™ Plus	04-0060-000

[1] **Reference:** Geiger M, Li RH, Friess W. *Collagen sponges for bone regeneration with rhBMP-2.* Adv Drug Deliv Rev. 2003; 55: 1613-1629. (Adv Drug Deliv Rev. 2003; 55: 1613-1629)

Indications For Use: Integra Mozaik™ Osteoconductive Scaffold, combined with bone marrow aspirate, is intended for use as a bone void filler to fill voids or gaps of the skeletal system in the extremities, spine, and pelvis not intrinsic to the stability of the bony structure. Integra Mozaik™ is also indicated for use in the treatment of surgically treated osseous defects or osseous defects created from traumatic injury to the bone. Following placement in the bony void or gap (defect), Integra Mozaik™ is resorbed and replaced with bone during the healing process.

Adverse Events: As with other bone grafting materials, the following complications are potential complications for Integra Mozaik™: superficial wound infection, deep wound infection, deep wound infection with osteomyelitis, nonunion, wound dehiscence, delayed union, malunion, loss of reduction, refracture, cyst recurrence, hematoma, and cellulitis. Immunological reactions consisting of transient localized edema, swelling, and rash have been reported to occur with bone void fillers containing collagen. Although there is no evidence that the device will be unsafe or ineffective in such patients, the safety and effectiveness of the device in these patients has not been established. Occurrence of one or more of these conditions may require an additional surgical procedure and may also require removal of the bone void filler.

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Integra Mozaik™
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Because we are committed to limiting uncertainty, we continuously develop new biologic technologies to complete the Integra biologic product line.