

Artelon[®]

DYNAMIC MATRIX™ TECHNOLOGY

Our core technology is uniquely effective by providing both STRENGTH & ELASTICITY. These critical features protect the repair and restore kinematic motion, which in turn optimizes tendon and ligament repair.

RESTORE STABILITY AND NATURAL MOTION

Artelon's Dynamic Matrix™ Technology has been shown to significantly increase the strength of a repair without increasing tissue stiffness.¹ These characteristics allow for immediate stabilization while permitting natural motion.



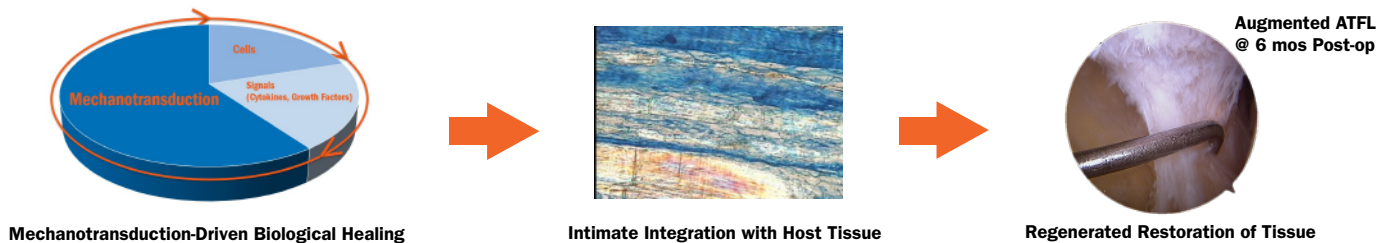
RESIST NECROTIC BREAKDOWN

Artelon's Dynamic Matrix™ Technology resists necrotic breakdown during the early phases of healing, maintaining 90% of its mechanical integrity through the first year.⁵ Furthermore, histological studies have illustrated the material to be less biologically reactive than the common biomaterials titanium, polystyrene, and resorbable suture.⁶



REGENERATE NATURAL TISSUE THROUGH LOAD-SHARING

Artelon's Dynamic Matrix™ Technology promotes load sharing with native tissue, inducing biological signaling responsible for tissue regeneration.⁷ The matrix is quickly integrated into⁸ and replaced by the host tissue over 4-5 years.⁵



REFERENCES

1. Gersoff WK et al. J Knee Surg. 2018 Apr 27
2. Steinmann et al. Arthroscopy (2006) Jul; 22(7): 700-9
3. Weiler et al. Am J Sports Med (2001) 26(6): 751-761
4. Barber FA. J Arthroscopy (2009) Nov; 25 (11):1233-9
5. Data on File.
6. Gretzer et al. J Biomater Sci, Polymer Ed, (2012) 17:6, 669-687
7. Galloway et al. J Bone Joint Surg Am. (2013) Sep 4; 95(17): 1620-8
8. Lijtensten et al. J Biomater Sci: Mater in Medicine. (2002) 13: 351-359



PRODUCT LISTING

Part #	Description	Size
31050	FLEXPATCH	3 x 4 cm
31048	FLEXPATCH	4 x 6 cm
31049	FLEXPATCH	6 x 9 cm
31051	FLEXBAND	.3 x 8 cm
31052	FLEXBAND	.3 x 16 cm
31059	FLEXBAND	.3 x 32 cm
31053	FLEXBAND	.5 x 8 cm
31054	FLEXBAND	.5 x 16 cm
31057	FLEXBAND	.5 x 32 cm
31055	FLEXBAND	.7 x 8 cm
31056	FLEXBAND	.7 x 16 cm
31058	FLEXBAND	.7 x 32 cm

41051	FLEXBAND Plus	.3 x 8 cm
41052	FLEXBAND Plus	.3 x 16 cm
41053	FLEXBAND Plus	.5 x 8 cm
41054	FLEXBAND Plus	.5 x 16 cm
41057	FLEXBAND Plus	.5 x 32 cm
41055	FLEXBAND Plus	.7 x 8 cm
41056	FLEXBAND Plus	.7 x 16 cm

81001 FLEXBAND Anchor 3.85 x 17 mm with Driver

91001 FLEXBAND Free Anchor 3.85 x 17mm
91002 FLEXBAND Free Anchor 5.0 x 17mm

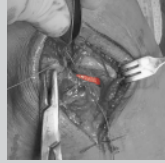
61018 Solid Drill 4.25 mm with Tissue Protector

51004 FLEXBAND Solo Kit
.5 x 8cm FLEXBAND PLUS & PEEK Anchors (x2)
Associated Instrumentation

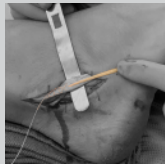
71016 FLEXBAND Multi Kit
.5 x 24cm FLEXBAND & PEEK Anchors (x2)
Associated Instrumentation



Achilles



ATFL



Peroneus Brevis



Plantar Plate



Spring Ligament



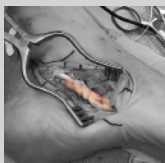
Superficial Deltoid



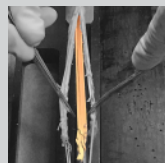
Posterior Tib Tendon



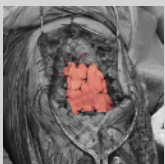
ATFL + CFL



Peroneus Longus



ACL Augmentation



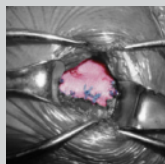
Patellar Tendon



MPFL



Distal Biceps Tendon



Rotator Cuff