

# HEALIX ADVANCE™ Anchors with PERMATAPE™ Suture

**Less Bulk. Less Abrasion.  
More Compression.<sup>1</sup>**



HEALIX ADVANCE™ Anchors are available loaded with a #2 PERMACORD™ Suture and a PERMATAPE™ Suture – A 50% wider, yet less abrasive and bulky tape than the tested leading competitor<sup>1</sup>

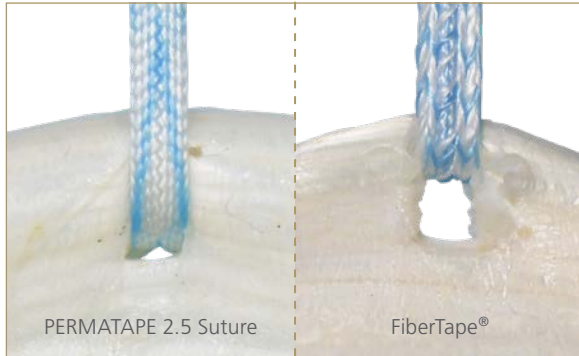
 **DePuy Synthes**

MITEK SPORTS MEDICINE

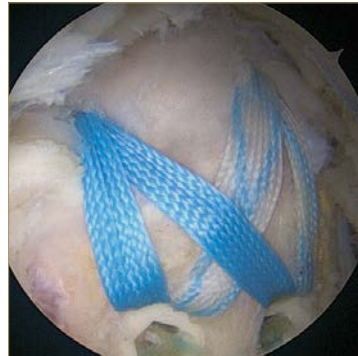
PART OF THE  FAMILY OF COMPANIES

# PERMATAPE™ Suture

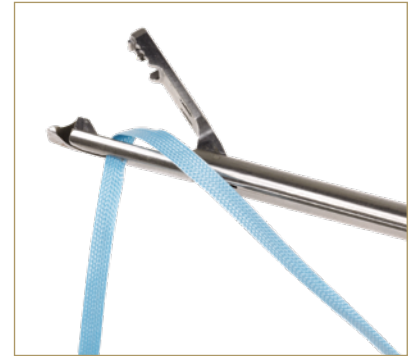
**100% Ultra-High Molecular Weight Polyethylene (UHMWPE) flat braid for strength and handling.**



77% less abrasive than FiberTape<sup>1</sup>  
30-cycle test with 15N load



12% more contact area with  
54% less bulk as compared  
to FiberTape<sup>1</sup>



Compatible with EXPRESSEW® III  
AutoCapture+ Flexible Suture Passer

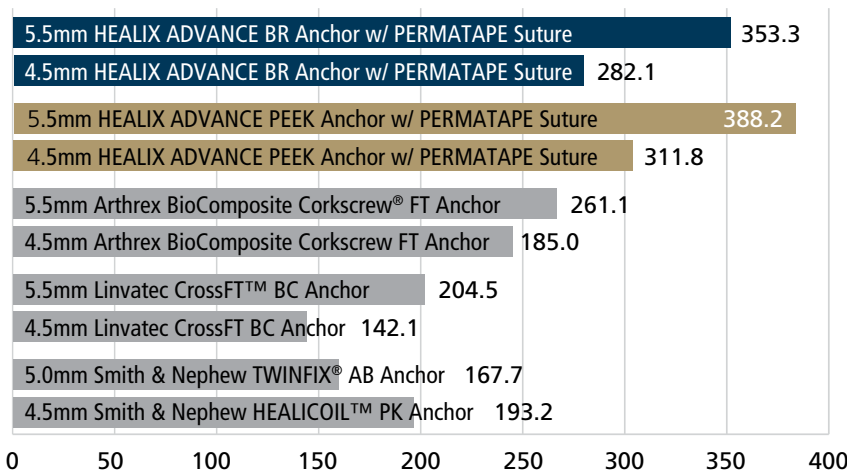
# HEALIX ADVANCE™ Anchors

**Built on a family of proven performance and ease of use**

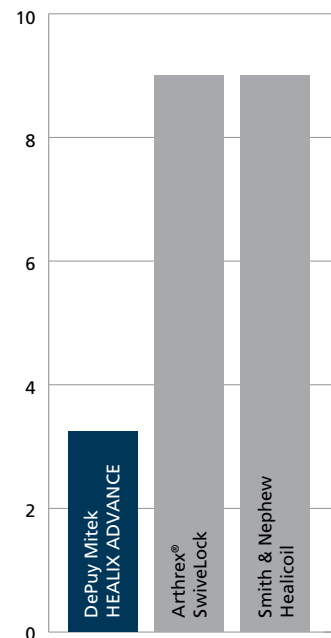
- Greater torque strength that allows for punch-only insertion in a variety of bone densities\*<sup>2</sup>
- Promotes bone growth formation at the implant site with the BIOCRYL RAPIDE® Biocomposite Material option<sup>3</sup>
- Secure fixation demonstrated through high pullout strength<sup>4</sup>
- Cannulated to channel blood flow to surface



## Anchor Fixation Strength Average (N)<sup>5</sup>



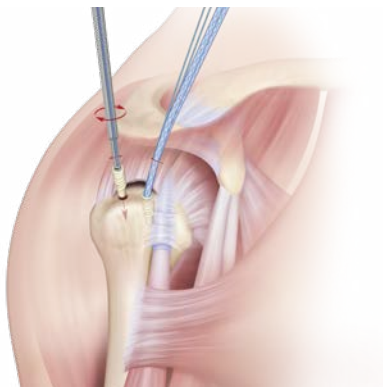
## Turns to Insertion<sup>6</sup>



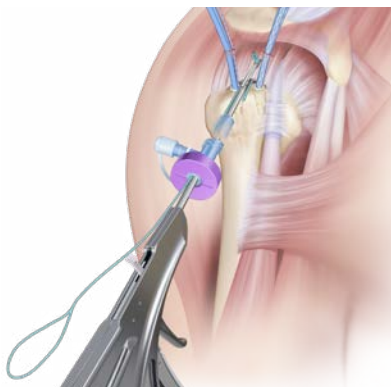
\*Versus Generation 1 HEALIX Anchor™ Technology

# Utility Shuttle Suture

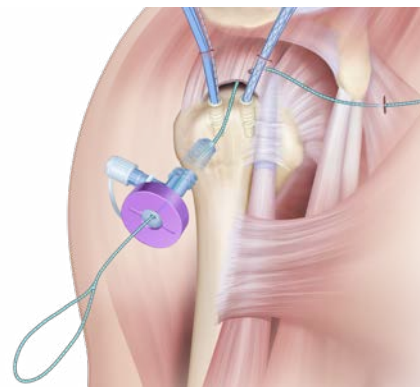
All HEALIX ADVANCE Anchors w/PERMATAPE Suture include a utility shuttle suture to facilitate simultaneous passing of multiple suture tails for a knotless bridging technique



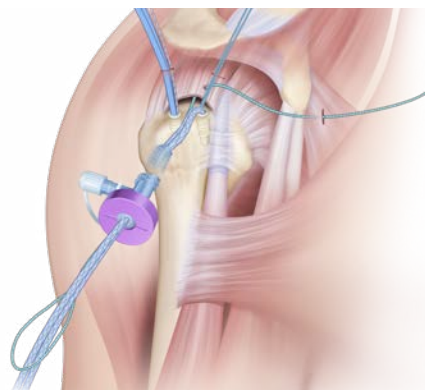
1. Insert two PERMATAPE Suture anchors medially through one or more stab incisions



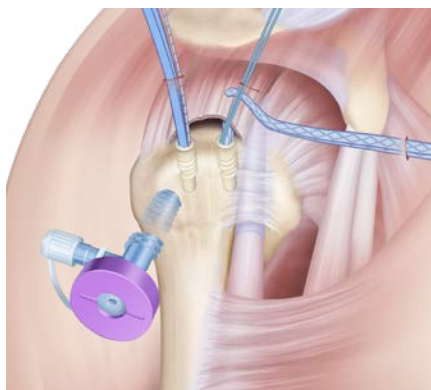
2. Pass the tail of the utility suture through the posterior cuff using EXPRESSEW® III Flexible Suture Passer via the lateral portal



3. Retrieve the tail end of the utility shuttle suture out an anterior portal



4. Retrieve anterior PERMATAPE Sutures to the lateral portal and load both tails into the loop of the utility suture



5. Pull the utility suture tail to shuttle multiple sutures through a single point



6. Repeat steps 2-5 with the posterior sutures #2 sutures may be removed at any point if they will not be used



7. Complete the repair by retrieving one suture tail from each anchor and securing each pair with a HEALIX ADVANCE™ Knotless Anchor placed laterally

## Rip Stop Option

PERMACORD Suture may be passed in a mattress fashion to create a rip stop and to independently secure the footprint. For a rip stop configuration, PERMACORD Suture should be passed lateral to and secured with knots after passing the PERMATAPE Suture.

## Knot Tying Option

PERMATAPE Suture may be used in a traditional suture bridge configuration by passing the suture in a mattress configuration and securing it with static knots. The utility shuttle is unused with this option. Sliding knots are not recommended when tying PERMATAPE Suture.

## Product Codes

### HEALIX ADVANCE Anchors

222359	4.5 HEALIX ADVANCE BR Anchor with PERMATAPE Suture – Blue
222360	4.5 HEALIX ADVANCE BR Anchor with PERMATAPE Suture – White/Blue
222361	5.5 HEALIX ADVANCE BR Anchor with PERMATAPE Suture – Blue
222362	5.5 HEALIX ADVANCE BR Anchor with PERMATAPE Suture – White/Blue
222376	6.5 HEALIX ADVANCE BR Anchor with PERMATAPE Suture – Blue
222377	6.5 HEALIX ADVANCE BR Anchor with PERMATAPE Suture – White/Blue
222363	4.5 HEALIX ADVANCE PEEK Anchor with PERMATAPE Suture – Blue
222364	4.5 HEALIX ADVANCE PEEK Anchor with PERMATAPE Suture – White/Blue
222365	5.5 HEALIX ADVANCE PEEK Anchor with PERMATAPE Suture – Blue
222366	5.5 HEALIX ADVANCE PEEK Anchor with PERMATAPE Suture – White/Blue
222378	6.5 HEALIX ADVANCE PEEK Anchor with PERMATAPE Suture – Blue
222379	6.5 HEALIX ADVANCE PEEK Anchor with PERMATAPE Suture – White/Blue
222885	4.75mm HEALIX ADVANCE Knotless BR Anchor
222886	5.5mm HEALIX ADVANCE Knotless BR Anchor
222887	6.5mm HEALIX ADVANCE Knotless BR Anchor
222888	4.75mm HEALIX ADVANCE Knotless PEEK Anchor
222889	5.5mm HEALIX ADVANCE Knotless PEEK Anchor
222890	6.5mm HEALIX ADVANCE Knotless PEEK Anchor

### HEALIX ADVANCE Instrumentation

222314	4.5 HEALIX ADVANCE Awl
222315	5.5/6.5 HEALIX ADVANCE Awl
222316	4.5 HEALIX ADVANCE Cortical Awl/Tap
222317	5.5/6.5 HEALIX ADVANCE Cortical Awl/Tap
222328	4.5 HEALIX ADVANCE Full Tap
222329	5.5/6.5 HEALIX ADVANCE Full Tap

## References

1. Internal test reports 103288856, 103313374 and 103313375
2. Internal test reports DVE-002466-DVR Rev C, DVE-002626-DVR Rev B and RR-101228-R Rev B
3. Barber, FA, et al. "Biocomposite Implants Composed of Poly (Lactide-co-Glycolide)/ $\beta$ -Tricalcium Phosphate: Systematic Review of Imaging, Complication, and Performance Outcomes." *Arthroscopy*;33(3):683-689.
4. Barber FA, Herbert MA, Beavis RC, Barrera Oro FB. Suture anchor materials, eyelets, and designs: update 2008. *Arthroscopy*. 2008;24(8):859-867.
5. Internal test reports 103329780 and RR-101380-R
6. Internal report 103426879

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