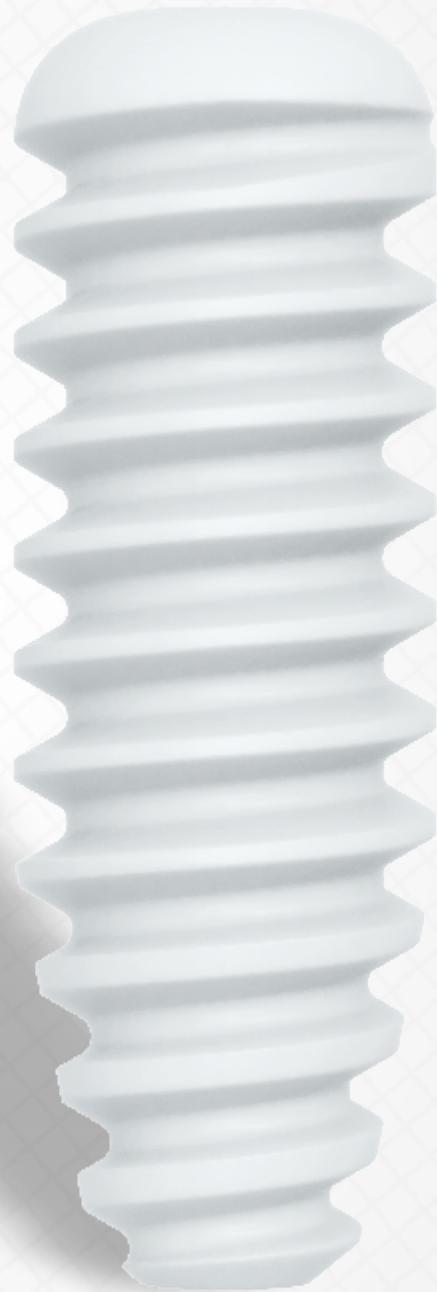




**ALIVIO™**  
Bio Interference Screw



# ALIVIO™

## Bio Interference Screw

### Features

- BIO ACL was designed to fulfill two core aims: provide appropriate mechanical properties necessary for ligament reconstruction whilst ensuring a regulated resorption and osteo integration to form architectural bone through hydrolysis.
- Poly (L-D, L Lactide) (70-30) +  $\beta$ -TCP the ideal ratio between the necessary mechanical resistance for the indication and the faculty to generate bone growth.
- The thread is specific to each screw diameter so as to systematically provide the maximum amount of contact between implant and bone
- Smooth thread to minimize damage on ligament
- Graduated tapered design to optimize torque



### Design Bio Screw

#### Taper End

The Taper shaped End design of Bio Screw allows for easier insertion and excellent fixation.



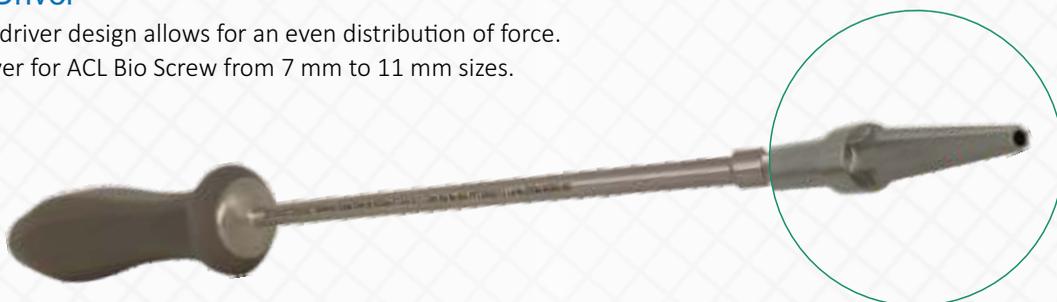
#### Rounded Threads

Bio screw rounded thread design helps provide graft protection during insertion.



#### Hexagon Driver

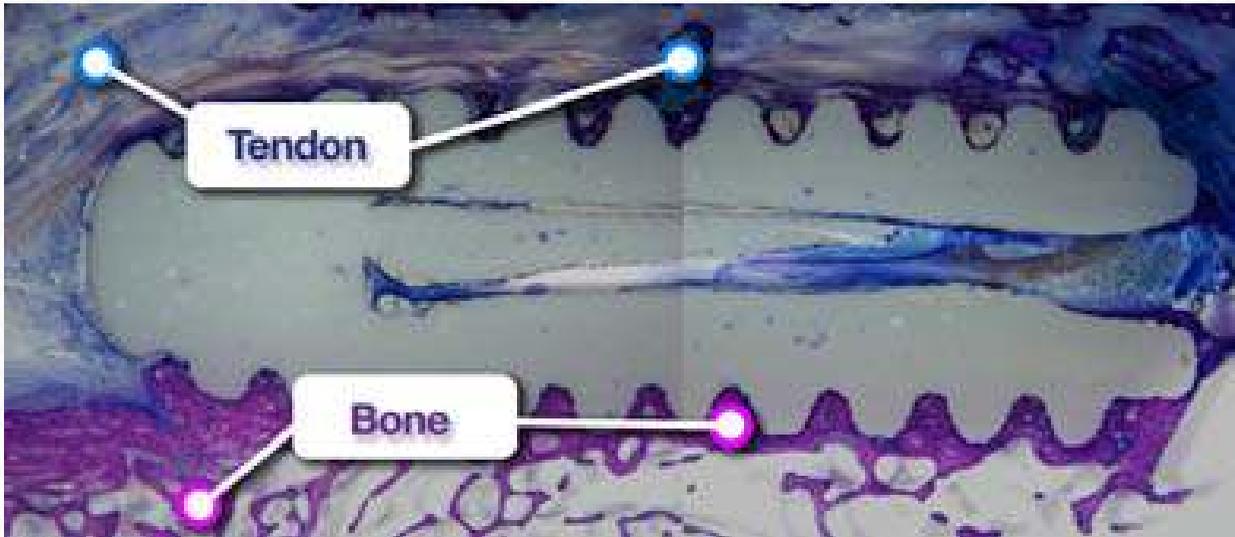
The Hexagon driver design allows for an even distribution of force. Universal Driver for ACL Bio Screw from 7 mm to 11 mm sizes.



## Biocompatibility

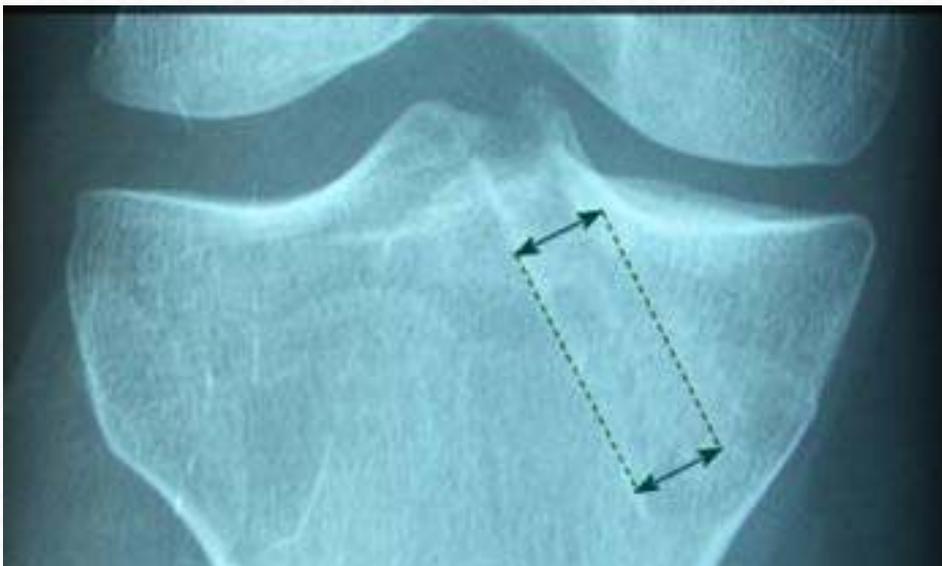
Bio interference screws have been shown to support bone apposition rather than fibrous tissue formation.

The picture below shows an example of a hard tissue response using the Bio interference screw. In vivo, 6 months post-implantation, new bone has formed into the contours of the Bio interference screw.



## Implant/Bone Integration

Use of Bio interference screw screws have been shown to improve the implant/bone integration by reducing tunnel widening.



# ALIVIO™

Bio Interference Screw

## Ordering Information

CODE	DIA	LENGTH
BA117.07.20	7 mm	20 mm
BA117.07.25	7 mm	25 mm
BA117.07.30	7 mm	30 mm
BA117.08.20	8 mm	20 mm
BA117.08.25	8 mm	25 mm
BA117.08.30	8 mm	30 mm
BA117.08.35	8 mm	35 mm
BA117.09.20	9 mm	20 mm
BA117.09.25	9 mm	25 mm

CODE	DIA	LENGTH
BA117.09.30	9 mm	30 mm
BA117.09.35	9 mm	35 mm
BA117.10.25	10 mm	25 mm
BA117.10.30	10 mm	30 mm
BA117.10.35	10 mm	35 mm
BA117.11.25	11 mm	25 mm
BA117.11.30	11 mm	30 mm
BA117.11.35	11 mm	35 mm



Sterile

## Packaging Box



TRAUMEX™

INTREX™  
Total Knee of SmarTech

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Prostheses of SmarTech

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