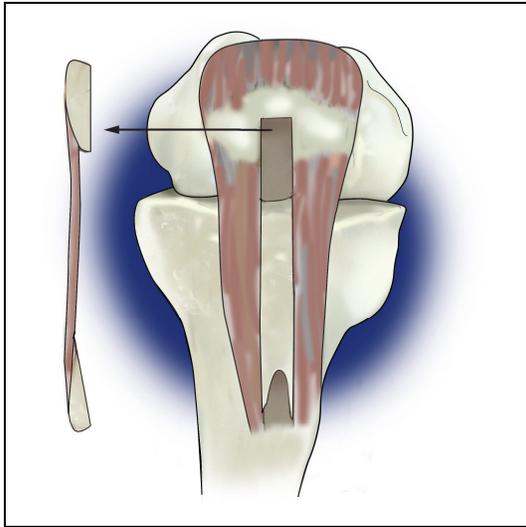




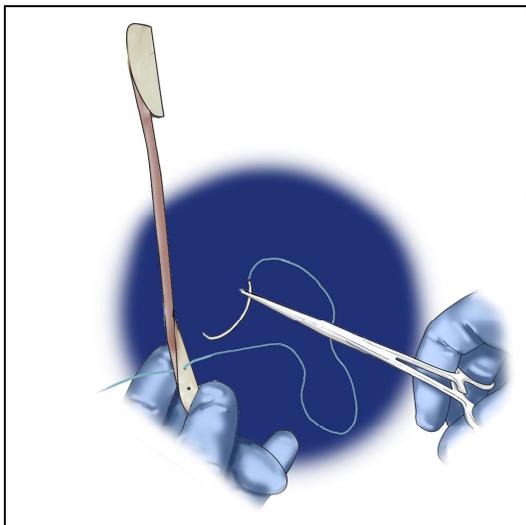
iFix™ Surgical Technique Guide

INTRODUCTION

The iFix™ System does not change the surgical technique that physicians are currently following when performing a bone-patellar tendon-bone ACL reconstruction. This surgical guide is to review the standard technique with a few points related specifically to the iFix System.

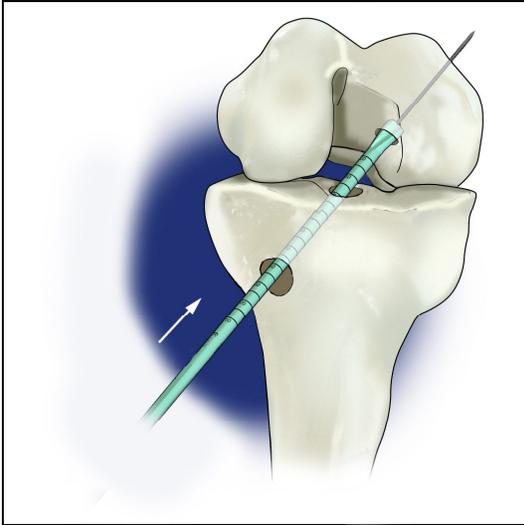


1. Harvest the middle third of the Patellar Tendon from the patient's ipsilateral leg.
 - Graft size is usually 10mm in width, 9-10mm diameter, 20-25mm length.
 - *BPTB harvesting tools will not be part of the Cayenne Instrument Set.*
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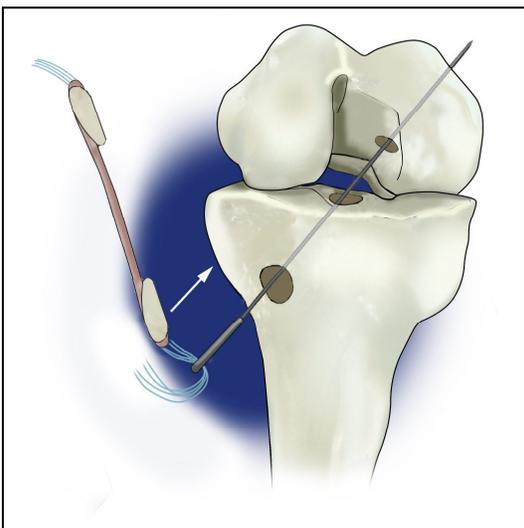


2. Create small drill holes, on shaped bone blocks, for insertion of sutures that are later used to pass graft up through the tunnels for final placement.
3. Size the patellar graft, using the iFix Tendon Sizing Block, so that the bundle passes through the sizing block insert with a snug/tight fit.

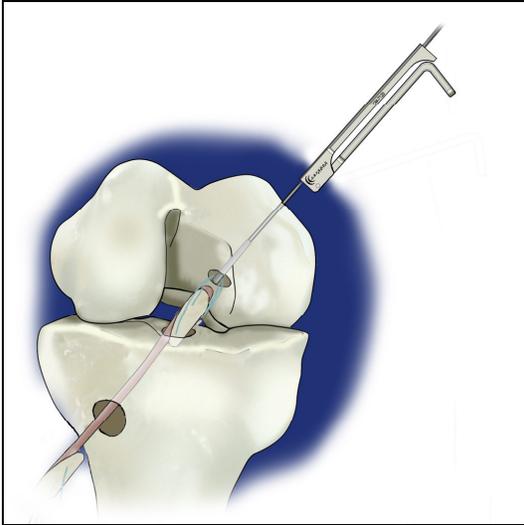
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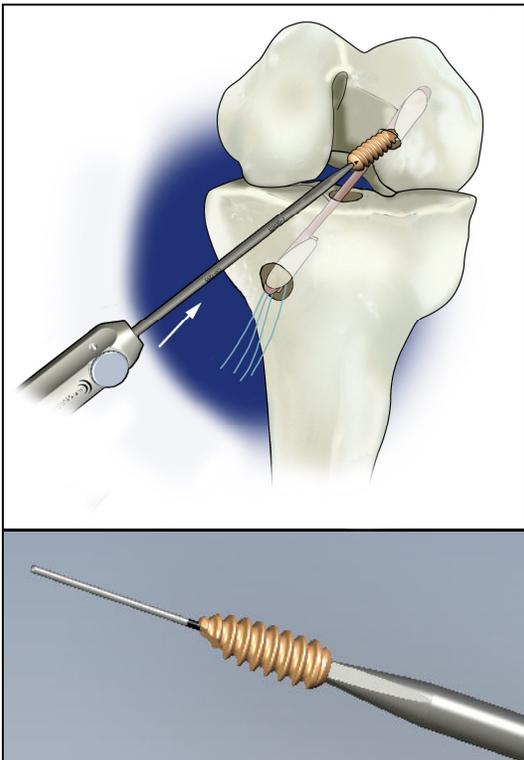
4. Create the tibial tunnel in usual fashion, using Cayenne instrumentation to establish location and length.
 - Graft size will determine tunnel size. *Ex. For a 9mm graft surgeons will typically drill a 9mm tunnel(using CM-7309).*
 5. Drill femoral tunnel using iFix Passing Pin (Beath-Pin). Passing Pin is drilled through the lateral femoral condyle to exit the anterior thigh.
 6. Without removing Passing Pin, drill femoral tunnel using appropriate size Femoral Drill (CM-7209).
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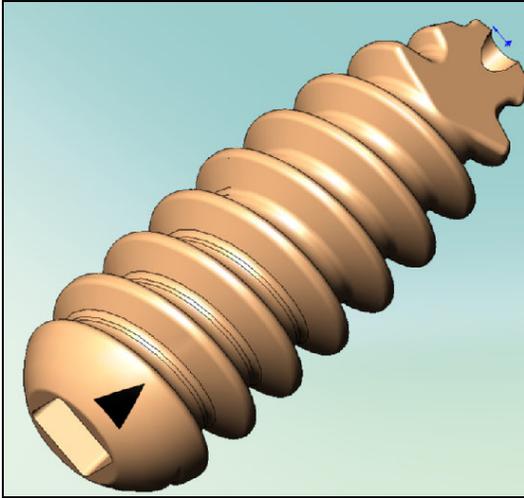
7. Load the sutured graft through the eyelets of the Passing Pin.



8. Pull upward on Passing Pin using the iFix Pin Puller (CM-7120).
 - *Pin Puller slides over Passing Pin and by applying a grip on the Pin Puller the graft is easily pulled through tunnel.*
9. Verify graft position within the tunnel. Typically the cortical side of the bone plug is placed in the posterolateral aspect of the femoral tunnel, placing the tendinous portion of the graft at the posterolateral portion of the aperture.



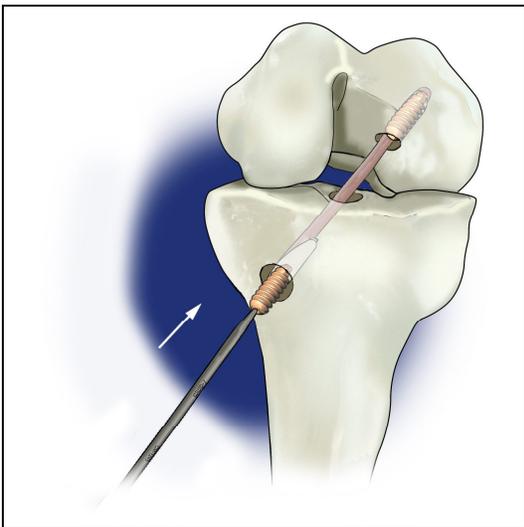
10. Insert iFix Guide Wire through iFix Driver and lock guide wire by turning the dial on the driver clockwise until tight. Next, load the iFix Interference Screw onto the driver.
 - *Some surgeons may prefer to insert the guide wire first, remove driver and then load screw for insertion.*
11. Insert iFix Guide Wire opposite the tendinous portion of the graft in the anteromedial portion of the tunnel for the desired placement of the screw.
12. Once Guide Wire is in place, turn dial on driver counter-clockwise to loosen grip on Guide Wire and prepare for screw insertion.



13. Insert iFix Interference Screw using iFix Driver into the desired location of the femoral tunnel. The triangle marking on distal end of iFix screw indicates the position of the angled tip for optimal positioning during screw insertion.

- *No tapping or tunnel notching is required prior to insertion of the iFix Interference Screw.*

14. Insert screw until the head is flush with the distal end of the bone block.



15. Once femoral fixation is complete, the tibial graft is then fixed in a similar fashion.

- *Positioning of the graft, in relation to the surfaces for healing versus fixation is surgeon preference.*

16. Insert iFix Interference Screw until the head is flush with the distal end of the graft bone block.