ACL Backup Fixation

Backup fixation for interference screws increases initial fixation strength and stability. The SwiveLock® anchor is a simple, low-profile option for backup fixation.

1. Extend the tibial incision 1 cm distal to the tibial interference screw. Dissect down to the tibia.

2. Drill into the tibia with the spade-tip drill to the depth of the drill collar, which represents a 20 mm depth.

3. Depending on bone density (“hardness”) and amount of sutures being fixated, tap with either the 4.75 mm or 5.2 mm SwiveLock® tap. The 5.2 mm tap is recommended for harder bone or when more than 4 sutures or 2 tapes are used.
Pass the suture tails of the graft end through the eyelet of the 4.75 mm BioComposite SwiveLock® anchor. Push the anchor into the drill hole until the eyelet is fully seated. Maintain tension on the suture limbs and screw the anchor into the tibia. After removing the driver, the retention suture from the anchor and the graft sutures may be tied together or removed.
This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product’s directions for use. Postoperative management is patient-specific and dependent on the treating professional’s assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

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