

Arthrex ACP® Tendo

Application



Sanitize injection site.

Optional: Use 25G needle to inject 1 ml lidocaine or Marcaine at the site.



Accessories:
ACP double syringe, anticoagulant (optional), centrifuge



Note: Take the double syringe out of the packaging, tighten the inner syringe (turn it clockwise) (1), and push both plungers forward until the stop (2).

Optional: Withdraw approximately 1.5 ml anticoagulant into the syringe by drawing back only the plunger of the outer syringe that is colored red. If the ACP is injected within 30 minutes after withdrawing, the use of anticoagulant is not required.



Slowly and carefully withdraw the blood by pulling back on the wings that are colored red. Fill the syringe to a maximum of 15 ml of venous blood and seal the syringe with the red cap.

Using an anticoagulant, gently rotate the syringe in order to mix blood and anticoagulant.



Place the syringe in the centrifugation container. Place a suitable counterweight (e.g., an ACP double syringe filled with water) on the opposite side.



Centrifuge at 1500 rpm for five minutes (program A). Then carefully remove the double syringe.

Note: Remove the syringe, taking care to keep it in an upright position (red cap downwards) to avoid mixing.



In order to transfer the supernatant (ACP) from the larger outer syringe into the small inner syringe, slowly push down on the outer syringe while slowly pulling up the plunger of the small inner syringe.

Transfer 2.7 ml ACP into the inner syringe.



The ACP is ready to be mixed with VerigenixSTR.

Optional: If required, the remaining ACP can be transferred to any 5 ml syringe or smaller.



Open the VergenixSTR kit.

Note: Mixing VergenixSTR and ACP should be performed shortly before the injection.



Connect the Luer lock connector to the syringe containing ACP.

Advance the syringe plunger to fill the Luer lock connector with ACP.



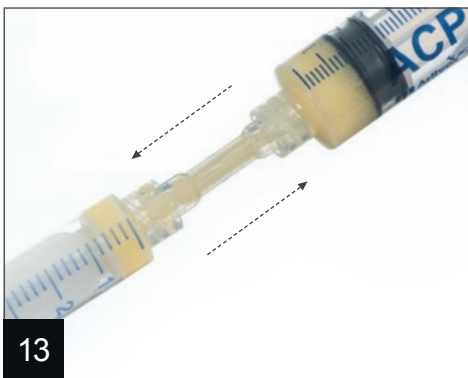
Note: Make sure that the injection area is ready, including sanitation and anesthesia. The collagen needs to be mixed with ACP shortly before the injection procedure.

Connect the syringe containing the dry collagen to the other side of the Luer lock connector. Transfer the ACP into the syringe containing the dry collagen.



Tap the loaded syringe on the palm of the hand approx. 20 times while holding the empty connected syringe. While doing so, hold the filled syringe pointing downward to allow the collagen to slide towards the plunger and any air bubbles toward the syringe connection.

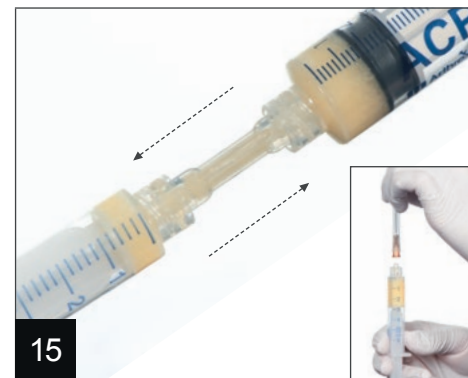
Remove the empty syringe to allow the air bubbles to escape. Then inject the ACP collagen solution into the Luer lock connection until it is full.



Reconnect the empty syringe and mix the solution by transferring it from one syringe to the other approx. 20 times.



Tap the loaded syringe on the palm of the hand approx. 20 times again by holding the empty connected syringe.



Mix the material again between the two syringes. The suspension is ready when it has a uniform pale orange color. Transfer the suspension into one syringe. Disconnect the Luer lock connector and empty syringe. Carefully open the supplied 19G sterile needle and connect it to the syringe.



Inject the suspension into the injured tendon.

