

Tropocells PRP Instructions

I. Phlebotomy:

- Connect (unless already assembled) the Vacutainer Hub to the Butterfly Needle and Tubing.
- Tourniquet, prep skin with Chlorhexidine Pad (or Alcohol Prep Pad) and insert Butterfly Needle. Wait for blood to flow before attaching tube.
- Insert Blood Flow Confirmation Tube into the Vacutainer Hub to confirm blood flow.
- Insert PRP Collection Tube into the Vacutainer Hub.
- Collect 11mL of blood.
- Disengage the Tube from the Hub.
- Gently invert the Tube back and forth 4 times to mix anti-coagulant with blood.
- Remove Tourniquet.
- Remove Butterfly Needle and secure 2x2 Gauze with Adhesive Strip.
- Discard waste.

II. Centrifugation - set to 10 minutes and 1500 g-force/3500 rpms:

- Place PRP Tube in sleeve.
- Counterbalance Tube on opposite side with same volume of water with top secured.
- Lock Centrifuge - may lock automatically depending on which centrifuge you have.
- Start
- Stops after 10 minutes.
- Unlock (or press "Open")
- Gently remove the PRP Tube and keep upright.
- Carefully transfer to tray.

III. PPP Withdraw:

- Wipe top of blue stopper on PRP Tube with Alcohol Prep Pad.
- Insert short Venting Needle through blue stopper off to the side.
- Attach Disk Filter to the 6mL Syringe.
- Attach other side of Disk Filter to 16g PRP Needle.
- Insert PRP Needle into the PRP Tube.
- Withdraw the desired volume of PPP through the Disk Filter into the 6mL Syringe.
- Maintain some degree of suction on the plunger until the Syringe is disengaged.
- Unscrew the PPP Syringe from the Disk Filter/Needle/Tube and set aside.

IV. PRP Withdraw:

- Wipe off exposed part of Disk Filter with the Alcohol Prep Pad.
- Attach 3mL Syringe to the Disk Filter/Needle/Tube.
- Gently invert the PRP Tube back and forth 10-20 times to mix platelets and monocytes with the plasma.
- Slightly invert Tube and withdraw remaining volume of PRP into the 3mL Tube (with tip of needle near the blue stopper).
- Unscrew PRP Syringe.
- Discard waste.