

Step 1:



Using the filtered needle, draw 8mL of Sodium Citrate Anticoagulant into two 60mL syringes.

Step 2:



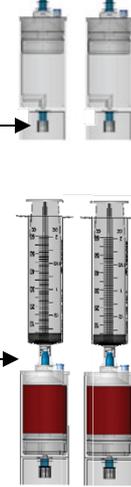
Attach butterfly needle and prime the 12" tube with SCAC, then draw 52mL of whole blood in the syringe from the patient, filling the syringes to 60mL

Step 3:

1. REMOVE and DISCARD Red Caps

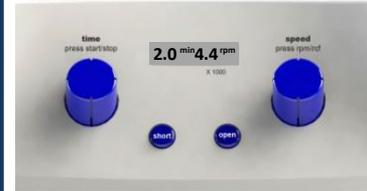
2. Attach Clear Caps to Bottom Ports

3. Load anticoagulated whole blood through the top needleless ports.



Step 4:

Counterbalance Devices with equal volume.



Executive Series Centrifuge

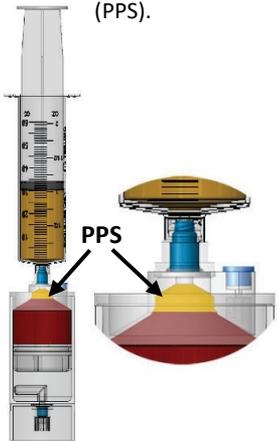
Process the Concentrating Devices at 2 minutes & 4400 RPM

Sapphire Series Centrifuge: Set to PUREPRP 60 SPIN 1

Platinum Series Centrifuge: Set to PUREPRP SP SPIN 1

Step 5:

Gently remove the devices from centrifuge and keep it vertical. Connect a new 60mL syringe to each device. Begin Aspirating Platelet Plasma Suspension (PPS).



Aspirate the platelet plasma suspension (PPS) into the 60mL syringe, until the RBC interface reaches the bottom of the Aspiradome™.

Step 6:

Leukocyte Poor Protocol:
Aspirate leaving RBC layer behind

Monocyte Rich:
Aspirate 0.5mL of RBC into the syringe

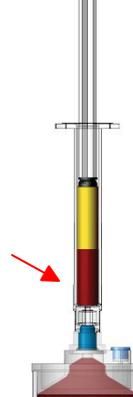
Neutrophil Rich:
Fill until RBC layer reaches 1mL



0mL
Red Blood Cells



0.5mL
Red Blood Cells

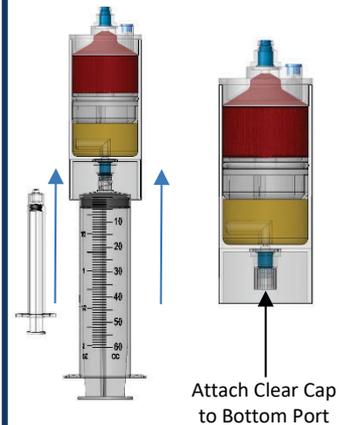


1mL
Red Blood Cells

Using a 3mL syringe, slowly aspirate the remaining plasma buffycoat, aspirating desired amount of RBC per protocol used above.

Step 7:

For Each Device



Using the bottom port, Inject the buffycoat from the 3mL syringe, followed by the 60mL syringe with the platelet plasma suspension (PPS). Then place sterile clear cap on bottom port.

Step 8:



Executive Series: load each device and process the Aspiradome Devices at 4 minutes & 4400 RPM

Sapphire Series Centrifuge: Set to PUREPRP 60 SPIN 2

Platinum Series Centrifuge: Set to PUREPRP SP SPIN 2

Step 9:



After centrifugation, the platelet buffycoat will be separated at the bottom of the device.

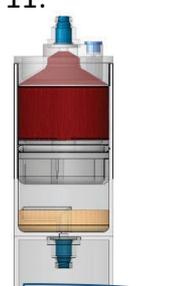
Step 10:

Connect the syringe to the bottom needle-less port and aspirate plasma, leaving 7mL or the desired amount in the device.

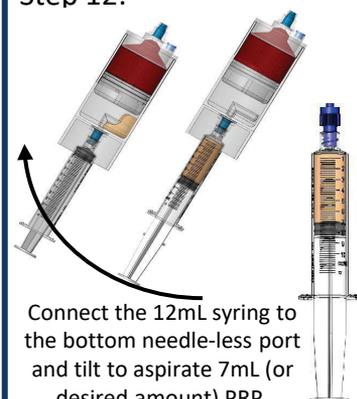


Step 11:

Gently swirl to resuspend the platelet buffycoat into the plasma.



Step 12:



Connect the 12mL syringe to the bottom needle-less port and tilt to aspirate 7mL (or desired amount) PRP.