ACCELLERATED BIOLOGICS

Part 1
FC120-SP Aspiradome QUICK GUIDE

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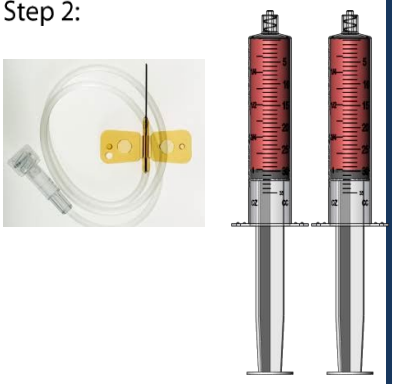
Step 1:

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

Step 2:



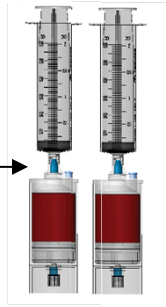
Attach butterfly needle and prime the 12" tube with SCAC, then draw 52mL of whole blood in the syringe from the patient, filling the syringes to 60mL

Step 3:

1. REMOVE and DISCARD Red Caps

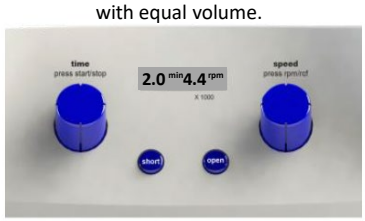
2. Attach Clear Caps to Bottom Ports

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



Step 4:

Counterbalance Devices with equal volume.



Executive Series Centrifuge

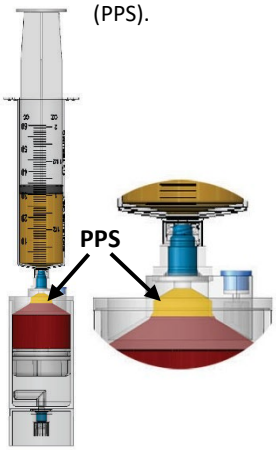
Process the **Concentrating Devices** at **2 minutes & 4400 RPM**

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:

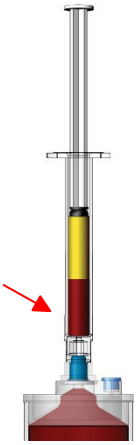
Leukocyte Poor Protocol: Aspirate leaving RBC layer behind

0mL Red Blood Cells

Monocyte Rich: Aspirate 0.5mL of RBC into the syringe

0.5mL Red Blood Cells

Neutrophil Rich: Fill until RBC layer reaches 1mL

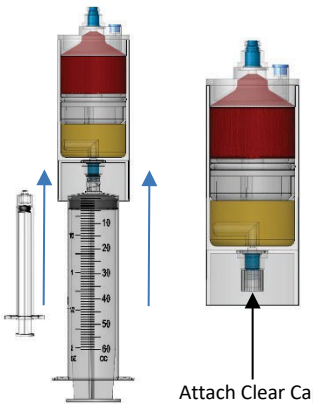


1mL Red Blood Cells

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

Step 7:

For Each Device



Attach Clear Cap to Bottom Port

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:

Attach new 60mL syringe to bottom port

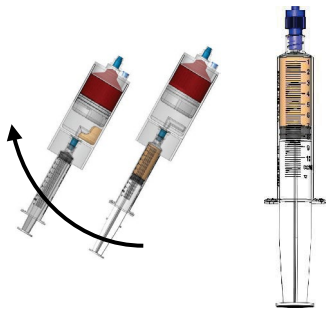
Aspirate platelet poor plasma from the bottom port.

Leave 14mL PPP for standard concentration

Or, leave desired total mLs PPP for injection

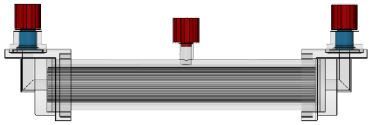
Or, remove all PPP for A2M processing go to Step 13

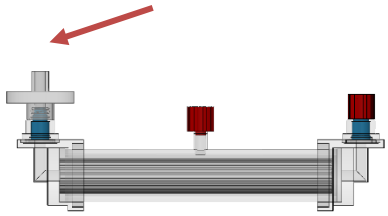
Step 11:



Gently swirl to resuspend the platelet buffycoat into the plasma.

Step 12:

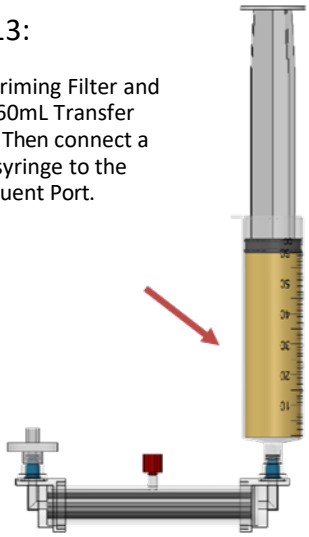




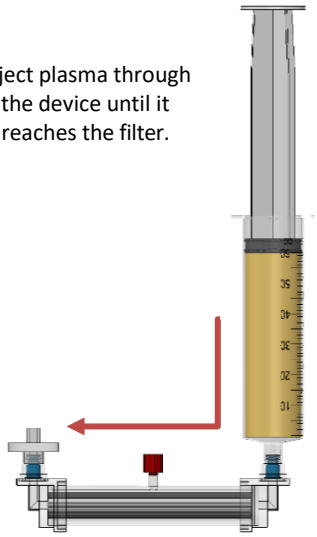
Remove the red vented cap from either side port and attach the hydrophobic filter.

Step 13:

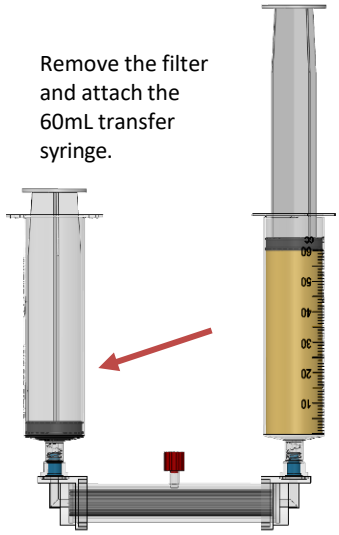
Remove Priming Filter and attach 60mL Transfer Syringe. Then connect a 60mL syringe to the Effluent Port.



Inject plasma through the device until it reaches the filter.



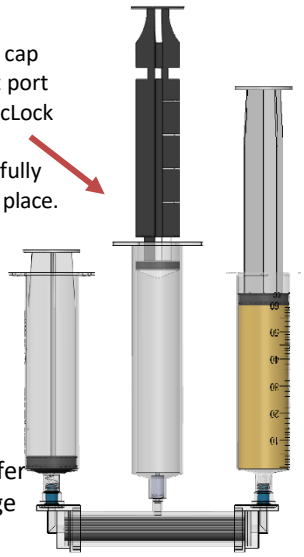
Remove the filter and attach the 60mL transfer syringe.



Step 14:

Effluent Syringe

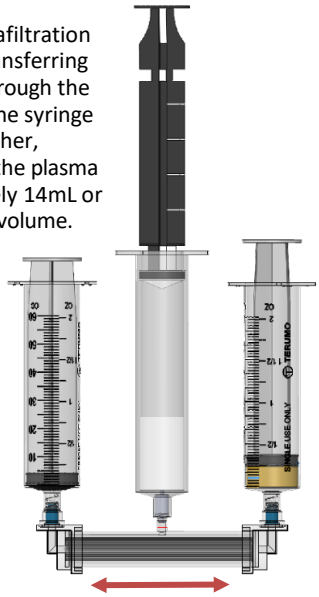
Remove the red cap from the effluent port and attach the VacLock syringe.
Pull the plunger fully back and lock it in place.



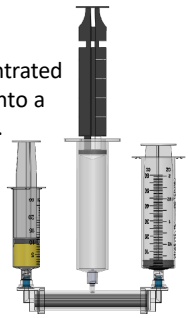
Transfer Syringe

Plasma Syringe

Begin the ultrafiltration process by transferring the plasma through the device from one syringe to the other, concentrating the plasma to approximately 14mL or the desired volume.



Transfer the concentrated plasma proteins into a 20mL syringe.



Final Product 14mL Protein Concentrate