

Step 1:



Using the filtered needle, draw 3mL of Anticoagulant Sodium Citrate into 30mL syringe

Step 2:



Attach butterfly needle and prime the 12" tube with SCAC, then draw 27mL of whole blood from the patient, filling the syringe to 30mL

Step 3:

REMOVE and DISCARD Red Caps

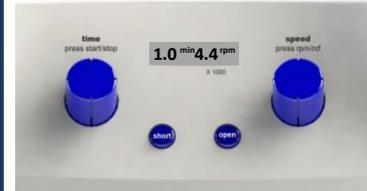


Attach Clear Caps to Bottom Ports

Load anticoagulated whole blood into the **Aspiradome Device**. Counterbalance with equal volume and place at opposite ends in the centrifuge rotor.

Step 4:

Executive Series Centrifuge



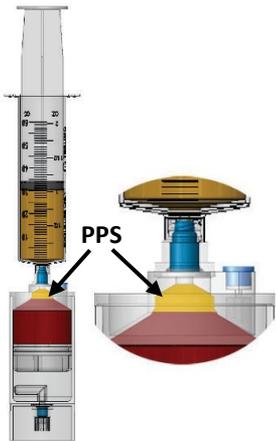
Executive Series: Counterbalance and process the **Concentrating Device** at **1 minute & 4400 RPM**

Sapphire Series Centrifuge: Set to **PUREPRP 30 SPIN 1**

Platinum Series Centrifuge: Set to **PUREPRP SP SPIN 1**

Step 5:

Gently remove the device from centrifuge and keep it vertical. Connect a new 30mL syringe. Begin Aspirating Platelet Plasma Suspension (PPS).



Aspirate the platelet plasma suspension (PPS) into the 30mL syringe, until the RBC interface reaches the bottom of the Aspiradome™.

Step 6:

Leukocyte Poor Protocol:
Aspirate leaving RBC layer behind



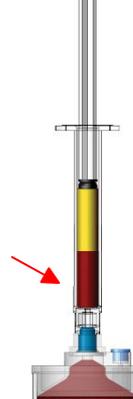
0mL
Red Blood Cells

Monocyte Rich:
Aspirate 0.5mL of RBC into the syringe



0.5mL
Red Blood Cells

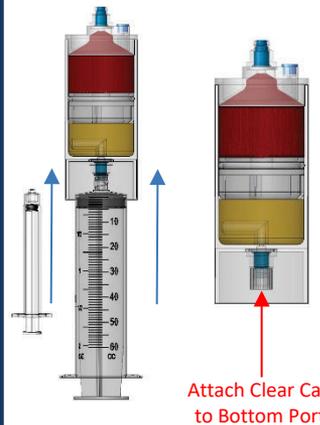
Neutrophil Rich:
Fill until RBC layer reaches 1mL



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:



Attach Clear Cap to Bottom Port

Using the bottom port, Inject the buffycoat from the 3mL syringe, followed by the 30mL syringe with the platelet plasma suspension (PPS). Then place sterile clear cap on bottom port.

Step 8:



Executive Series: Counterbalance and process the **Concentrating Device** at **3 minutes & 4400 RPM**

Sapphire Series Centrifuge: Set to **PUREPRP 30 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.

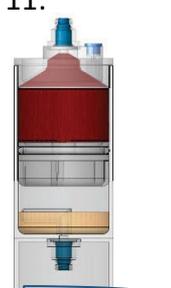
Step 10:

Connect the syringe to the bottom needle-less port and aspirate plasma, leaving 3-4 mL or the desired amount in the device.

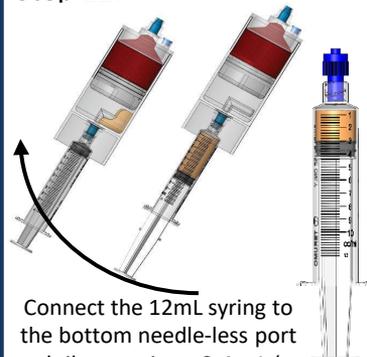


Step 11:

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 3-4 mL (or desired amount) PRP.