

Step 1:



Using the filtered needle, draw 7mL of Anticoagulant Sodium Citrate into two 60mL syringes

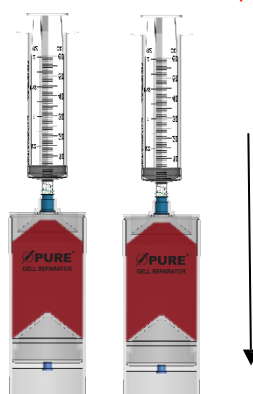
Step 2:



Attach butterfly needle and prime the 12" tube with SCAC, then draw 54mL of whole blood in each syringe from the patient, filling the syringes to 60mL each

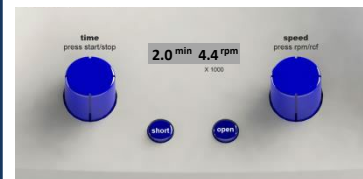
Step 3:

REMOVE and DISCARD Red Cap



Load anticoagulated whole blood into the two **Separator Devices**

Step 4:



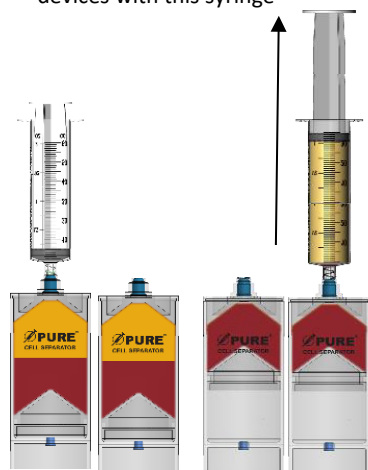
Executive Series:
Counterbalance and process the **Concentrating Device** at **2 minutes & 4400 RPM**

Sapphire Series Centrifuge:
Set to **PUREPRP 60 SPIN 1**

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

Step 5:

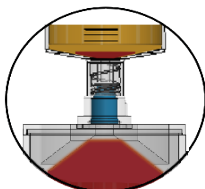
Gently remove devices from centrifuge and keep vertical. Connect a new 60mL syringe, aspirate the platelet plasma suspension (PPS) from both devices with this syringe



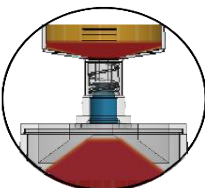
Step 6:

Protocol A:
OPTIMAL PLATELET RECOVERY.

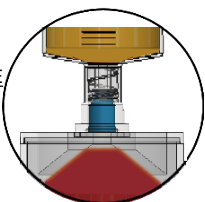
Aspirate additional 0.5mL of RBC



Protocol B:
LEUKOCYTE RICH PURE PRP. Aspirate 1mL of RBC into the syringe

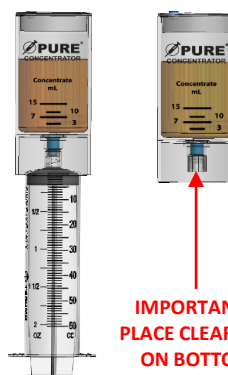


Protocol C:
OPTIMAL LEUKOCYTE POOR PRP. Leave ALL RBC in separator device



Step 7:

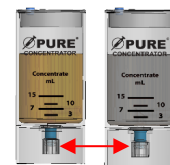
Transfer all the platelet plasma suspension (PPS) from both devices into the bottom port of the **Concentrating Device**



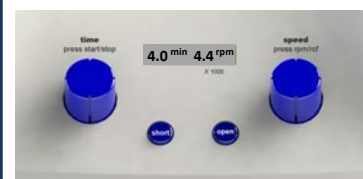
IMPORTANT!! PLACE CLEAR CAP ON BOTTOM PORT

IMPORTANT!! PLACE CLEAR CAP ON BOTTOM PORT PRIOR TO CENTRIFUGATION

Step 8:



IMPORTANT!! MAKE SURE CLEAR CAPS ARE ON BOTTOM PORTS PRIOR TO CENTRIFUGATION



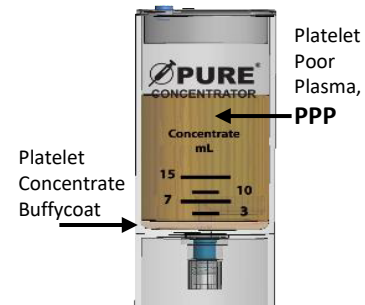
Executive Series: Counterbalance and process the **Concentrating Device** at **4 minutes & 4400 RPM**

Sapphire Series Centrifuge:
Set to **PUREPRP 60 SPIN 2**

Platinum Series Centrifuge:
Set to **PUREPRP SP SPIN 2**

Step 9:

Carefully remove sample from the centrifuge keeping the device vertical



After centrifugation, Platelet concentrate buffycoat separates out at the bottom of the **Concentrator Device**

Step 10:



Attach new 60mL syringe to bottom port

Aspirate platelet poor plasma from the Concentrator Device

Leave 14mL PPP for standard concentration

Or, leave desired total mLs PPP for injection

Or, remove all PPP for A2M processing

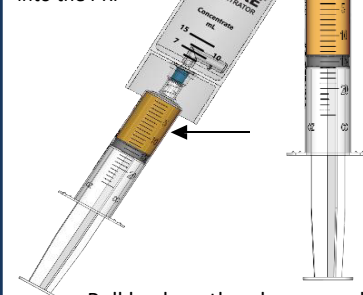
Step 11:



Attach the 20mL syringe to bottom port and gently swirl to resuspend the platelet buffycoat into the plasma

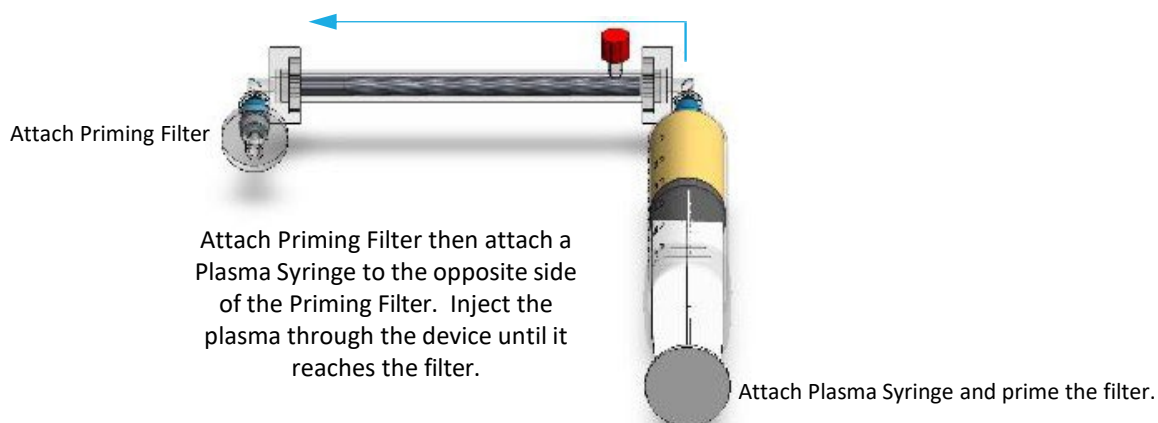
Step 12:

Then Tilt to immerse the Aspirating Pipe into the PRP



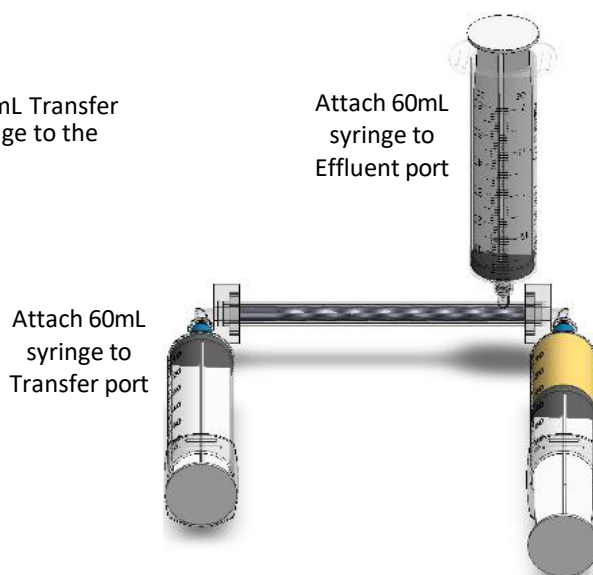
Pull back on the plunger and aspirate all 14mL PRP

Step 13:



Step 14:

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



Step 15:

Transfer solution back and forth from the Plasma Syringe to the Transfer Syringe until 8mL of plasma concentrate is left. The effluent syringe will automatically fill with waste solution.

Remove the empty Transfer syringe. Attach venting filter. Pull back on 60 mL Plasma syringe with A2M/Fibrinogen concentrate to remove remaining concentrate from within filter.

Inject air and foam back into the concentrator. Leave approximately 10mL A2M Plasma in syringe.

