

Step 1:



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

Step 2:



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

Step 3:

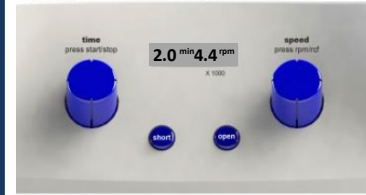
REMOVE and DISCARD Red Cap



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

Step 4:

Executive Series Centrifuge



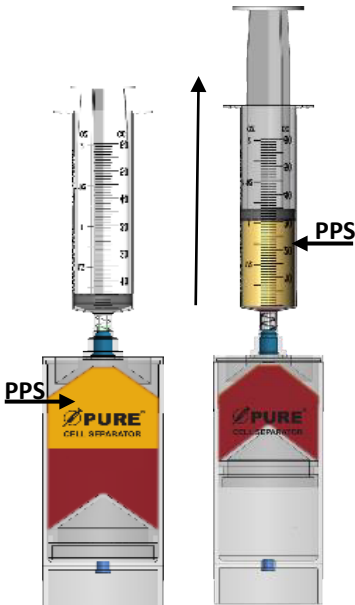
Executive Series: Counterbalance and process the **Concentrating Device** at **2 minutes & 4400 RPM**

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

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

Step 5:

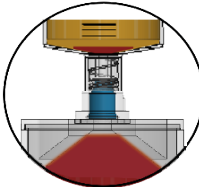
Gently remove the device from centrifuge and keep vertical. Connect a new 60mL syringe.



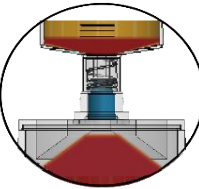
Step 6:

Aspirate the Platelet Plasma Suspension (PPS) from the device with this syringe following desired protocol:

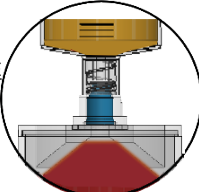
Protocol A:
OPTIMAL PLATELET RECOVERY.
Aspirate additional 0.5mL of RBC



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

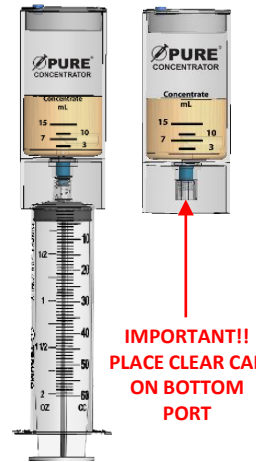


Protocol C:
OPTIMAL LEUKOCYTE POOR PRP. Leave ALL RBC in separator device



Step 7:

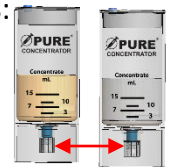
Transfer all the platelet plasma suspension (PPS) into the bottom port of the **Concentrating Device**



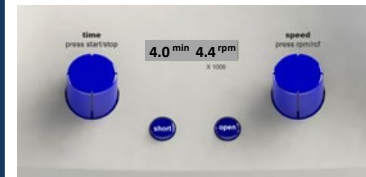
IMPORTANT!! PLACE CLEAR CAP ON BOTTOM PORT

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

Step 8:



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

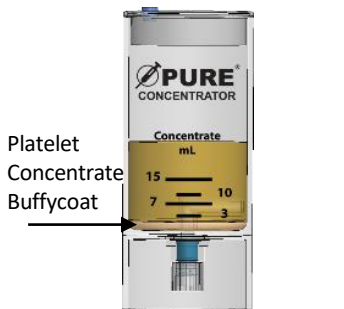


Executive Series: Counterbalance and process the **Concentrating Device** at **4 minutes & 4400 RPM**

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

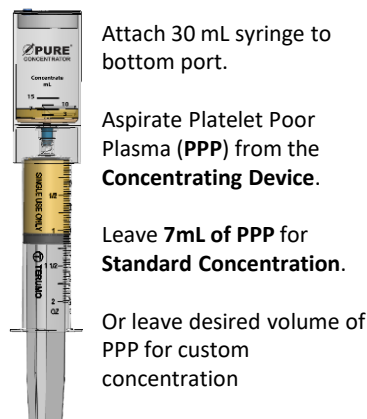
Platinum Series Centrifuge: Set to **PUREPRP SP SPIN 2**

Step 9: After centrifugation, carefully remove sample.



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

Step 10:



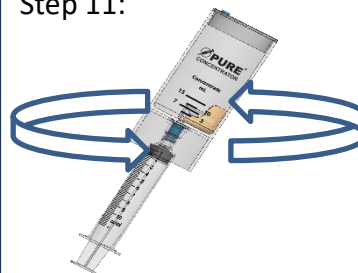
Attach 30 mL syringe to bottom port.

Aspirate Platelet Poor Plasma (PPP) from the **Concentrating Device**.

Leave **7mL of PPP for Standard Concentration.**

Or leave desired volume of PPP for custom concentration

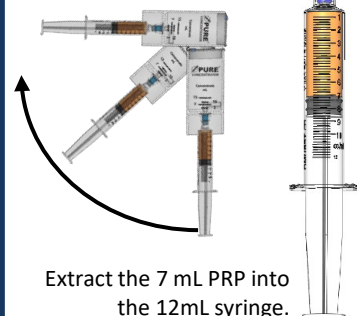
Step 11:



Attach the 12mL syringe and swirl to resuspend the platelet buffycoat into the remaining 7mL of plasma.

Step 12:

Keep tilting to immerse Elbow Pipe into PRP



Extract the 7 mL PRP into the 12mL syringe.