ABFC120-Pure - Part 1

ACCELLERATED BIOLOGICS

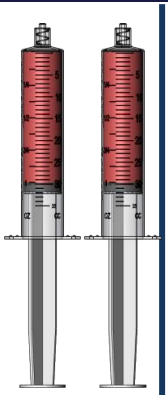
GS120-Pure Two QUICKGUIDE

ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A STERILE SYRINGE

Step 1:

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

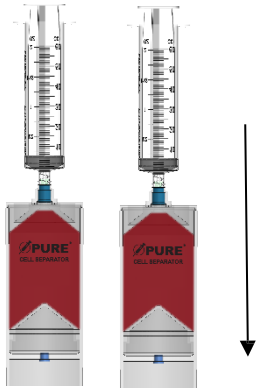
Step 2:



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

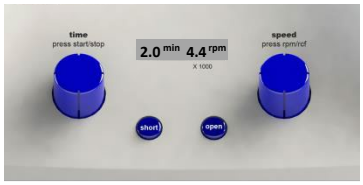
Step 3:

REMOVE and DISCARD Red Cap



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

Step 4:



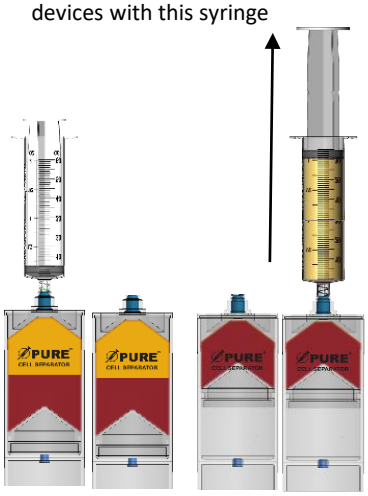
Executive Series:
Counterbalance and process the **Concentrating Device** at **2 minutes & 4400 RPM**

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

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

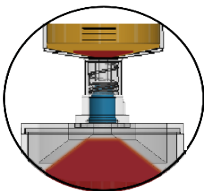
Step 5:

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

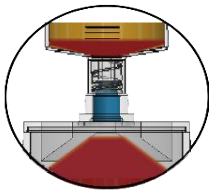


Step 6:

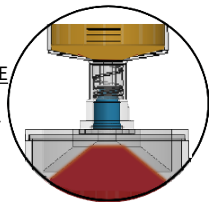
Protocol A:
OPTIMAL PLATELET RECOVERY.
Aspirate additional 0.5mL of RBC



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

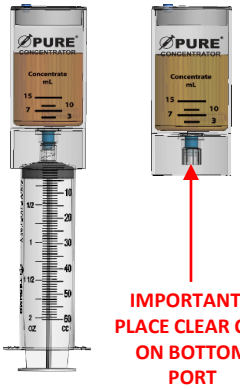


Protocol C:
OPTIMAL LEUKOCYTE POOR PRP . Leave ALL RBC in separator device



Step 7:

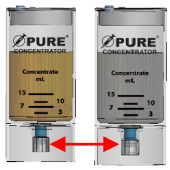
Transfer all the platelet plasma suspension (PPS) from both devices into the bottom port of the **Concentrating Device**



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

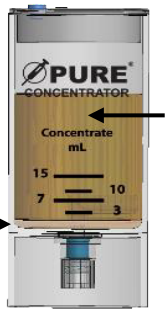
Executive Series: Counterbalance and process the **Concentrating Device** at **4 minutes & 4400 RPM**

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



Platelet Poor Plasma, **PPP**

Platelet Concentrate Buffycoat

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

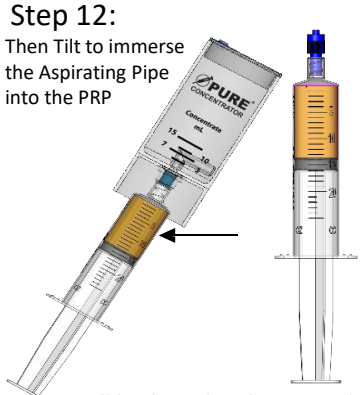
Or, remove all PPP for A2M processing

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



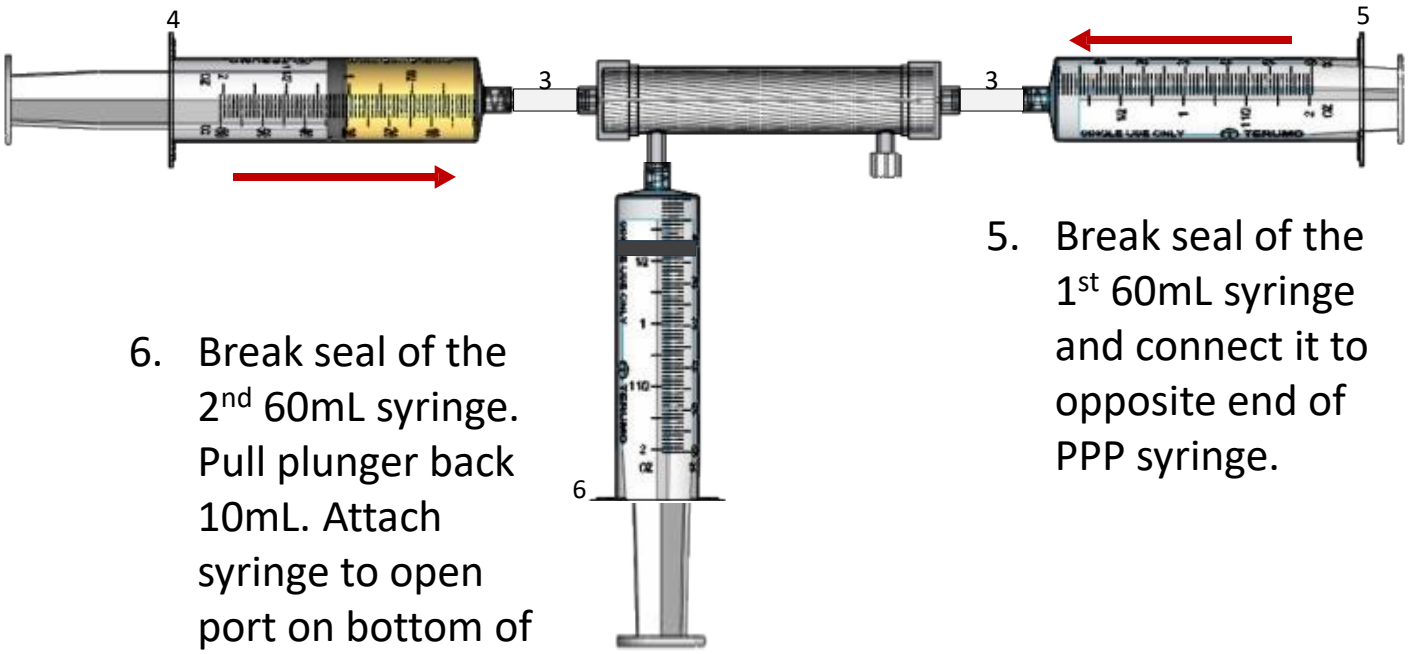
Pull back on the plunger and aspirate all 14mL PRP

1. Remove all contents from box.

2. Open individual components and place on clean or sterile work space.

3. Unscrew the clear plastic caps attached to both ends of the hemaconcentrator. Attach white female-to-female luerlock adapters to both ends of the hemaconcentrator.

4. Attach 60mL syringe of Platelet Poor Plasma (PPP) obtained in the 120mL Pure PRP processing to either end of concentrator.



5. Break seal of the 1st 60mL syringe and connect it to opposite end of PPP syringe.

6. Break seal of the 2nd 60mL syringe. Pull plunger back 10mL. Attach syringe to open port on bottom of concentrator.

7. Push PPP back and forth through concentrator until desired amount of A2M (about 5-10mLs) is in initial syringe. To obtain the final contents of the filter, remove empty 6omL syringe, pull back on A2M syringe to empty the contents of the concentrator.