ACCELLERATED BIOLOGICS

GS60 SP SS QUICK GUIDE

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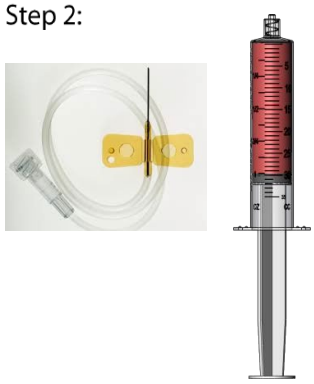
Step 1:

Using the filtered needle, draw 8mL of Sodium Citrate Anticoagulant into 60mL syringe

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 syringe to 60mL

Step 3:

REMOVE and DISCARD Red Caps

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

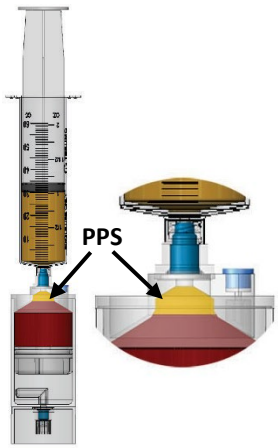
Executive Series:
Counterbalance and process the **Concentrating Device** at **2 minutes & 4400 RPM**

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 it vertical. Connect a new 60mL syringe. 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:

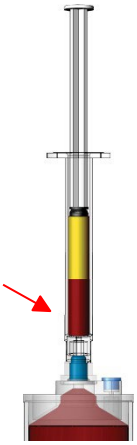
Leukocyte Poor Protocol: Aspirate leaving RBC layer behind

0mL
Red Blood Cells

Monocyte Rich: Aspirate 0.5mL of RBC into the syringe

0.5mL
Red Blood Cells

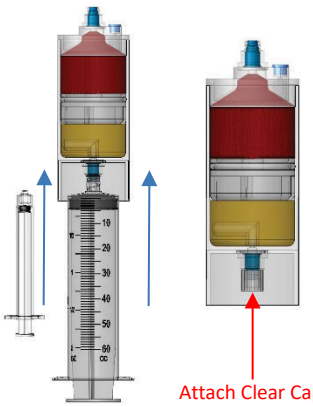
Neutrophil Rich: Fill until RBC layer reaches 1mL



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:



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: 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**

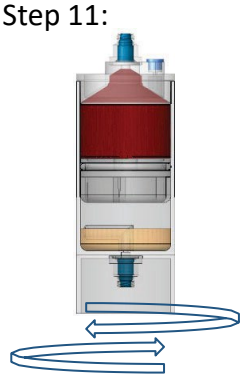
Step 9:

After centrifugation, the platelet buffycoat will be separated at the bottom of the device.

Step 10:

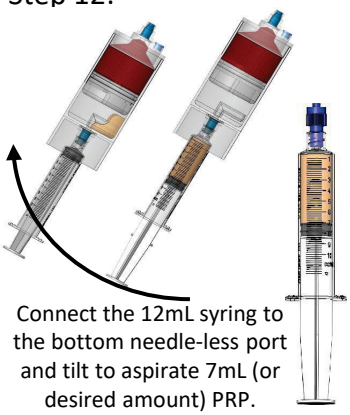
Connect the 30 mL syringe to the bottom needle-less port and aspirate PPP, leaving 7mL or the desired amount in the device. Save the PPP for step 13.

Step 11:



Gently swirl to resuspend the platelet buffycoat into the plasma.

Step 12:



Connect the 12mL syring to the bottom needle-less port and tilt to aspirate 7mL (or desired amount) PRP.

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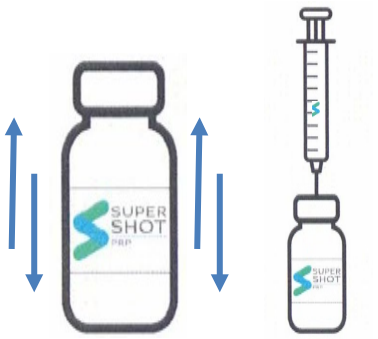
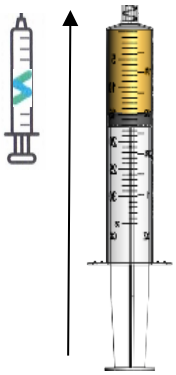
ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A STERILE SYRINGE

Step 13:

Shake the SuperShot vial vigorously until contents appear milky white. Take 3mL syringe and draw 2mL of SS Solution for 20 mL of PPP (or 10% of PPP in the syringe used in Step 10). Example 15mL of PPP use 1.5mL of SS.)



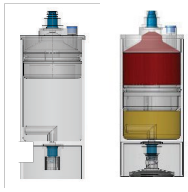


2mL SS + 20mL PPP = 22mL
Total PPP/SS Volume Dispensed

Place contents of both syringes into bottom port of **Aspiradome** device. Thoroughly mix the solution by drawing back and forth the solution in the syringe 3-4 times. The solution will not work unless mixed properly.

Step 14:

Attach Clear Cap to Bottom Ports



Counterbalance with equal volume and place at opposite ends in the centrifuge rotor.

Executive Series Centrifuge

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

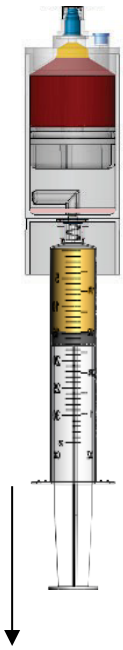
Sapphire Series Centrifuge:
Set to **PUREPRP 60 SPIN 1**

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

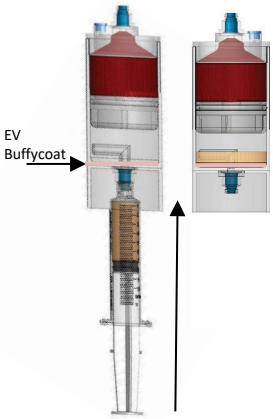
Step 15:

Carefully remove sample from centrifuge keeping the device vertical. Attach 60mL syringe from the EmCyte kit to bottom port.

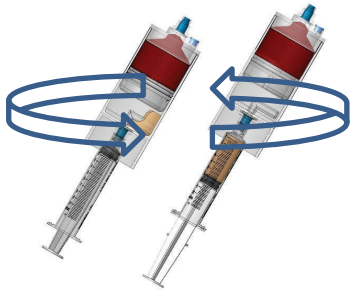
Aspirate all of the SS/PPP solution from bottom port of **Aspiradome** device. The bottom chamber should be completely empty of PPP leaving only the EV buffycoat.



Step 16:



Dispense the 7mL of Supraphysiologic PRP previously set aside in Step 12, into the bottom port of the **Aspiradome Device**.



Resuspend the EV buffycoat found on the bottom of the **Aspiradome** device. Draw out all of the resuspended material.

This is your SuperShot PRP