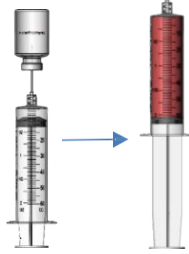


60ml PUREPRP® SP PROTEIN RICH PRP ILLUSTRATION

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

PREPARATION PROTOCOL

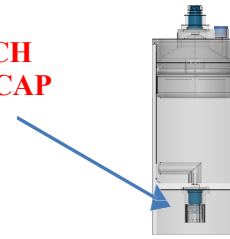
STEP 1:



Using the filtered needle, draw 8mL of Sodium Citrate Anticoagulant into 60mL Syringe. Then collect 52mL whole blood filling syringe to 60mL.

STEP 2:

**ATTACH
CLEAR
CAP**



Attach clear non vented cap to the bottom port.

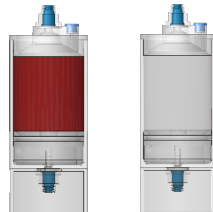
CONCENTRATING PROTOCOL

STEP 3:



Inject anticoagulated whole blood through the top needle-less port.

STEP 4:



Counterbalance device with equal volume.



Place in the centrifuge rotor at opposite ends.

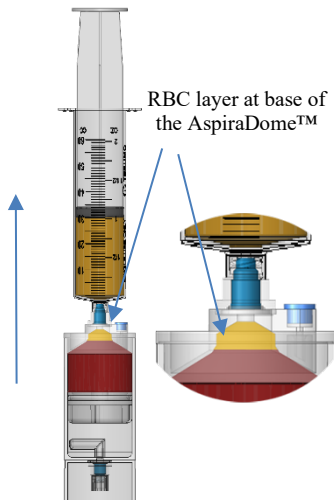
STEP 5:

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

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

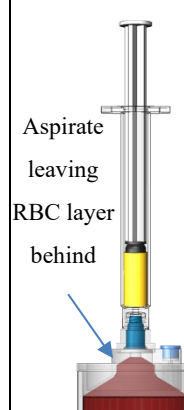
**Executive Series Centrifuge
Set to 2 minutes and 4400**

STEP 6:



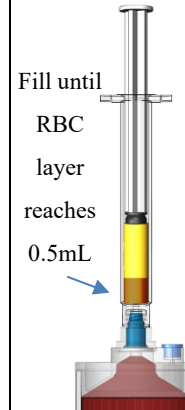
Aspirate the platelet plasma suspension (PPS) into the 60mL syringe, until the RBC interface reaches the bottom of the AspiraDome™

LEUKOCYTE POOR



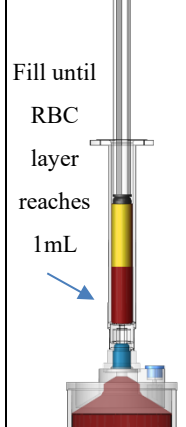
Using a 3mL syringe, slowly aspirate the remaining plasma buffycoat, leaving the RBC layer behind.

MONOCYTE RICH

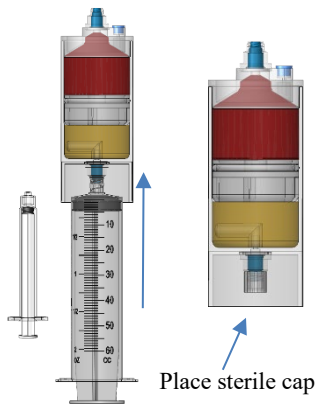


Using a 3mL syringe, slowly aspirate collecting 0.5mL of RBC buffycoat. Fill until RBC layer reaches 0.5mL

NEUTROPHIL RICH



Using a 3mL syringe, slowly aspirate collecting 1mL of RBC buffycoat. Fill until RBC layer reaches 1mL.

STEP 7:

Inject the 3mL syringe buffycoat solution, followed by the platelet plasma suspension (PPS) through bottom port. Then place sterile clear cap.

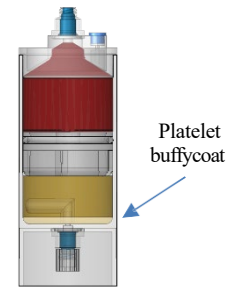
STEP 8:

Place back in centrifuge rotor.
Process at:

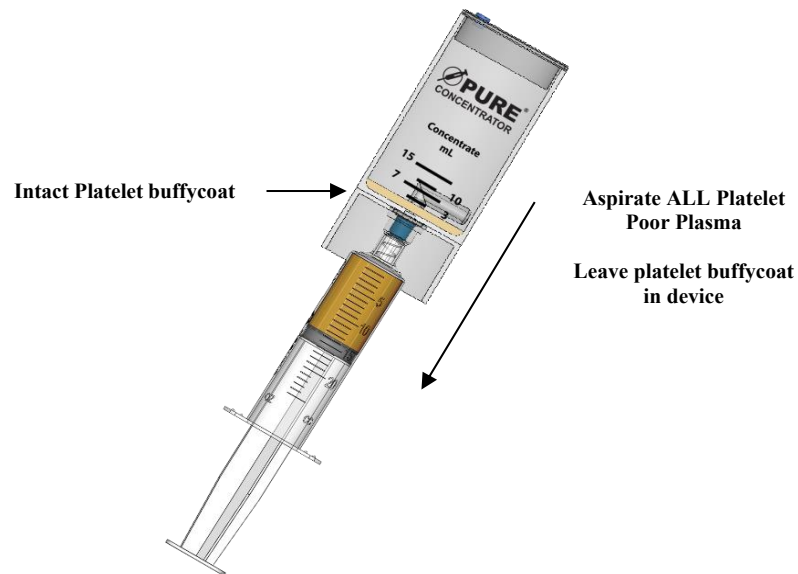
Sapphire Series Centrifuge:
PUREPRP 60 SPIN 2

Platinum Series Centrifuge:
PUREPRP SP SPIN 2

Executive Series Centrifuge
4 minutes and 4400

STEP 9:

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

STEP 10:

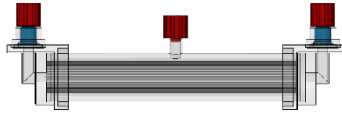
Attach 60mL syringe to bottom port. Aspirate ALL of the platelet poor plasma from the **Concentrator Device**.

Leave the platelet buffycoat intact at the bottom of the device.

CORE™ PLASMA ULTRAFILTRATION ILLUSTRATION

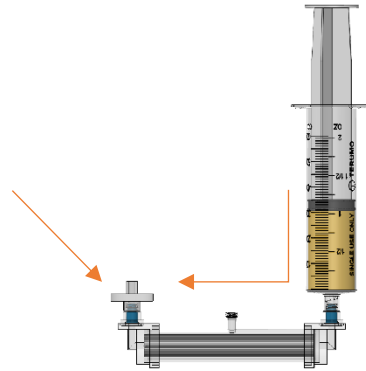
PCS-04

STEP 11:



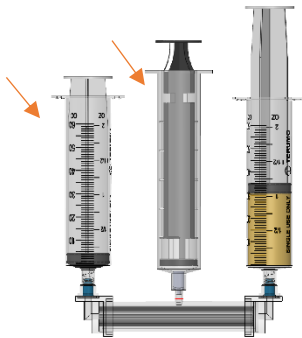
Remove red vented caps and swab self-sealing ports with alcohol

STEP 12:



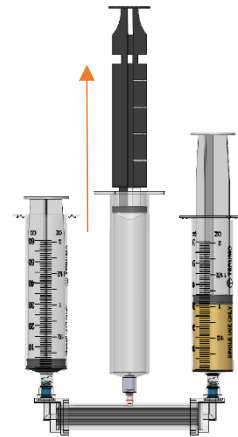
Attach hydrophobic filter to one valve port and the plasma syringe to the other valve port. Then prime the CORE until plasma reaches the filter.

STEP 13:



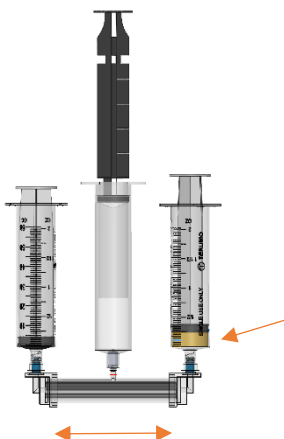
Replace hydrophobic filter with 60mL syringe. Attach Vaclock syringe to effluent port.

STEP 14:



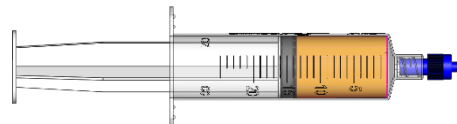
Apply and lock full suction to the Vaclock syringe.

STEP 15:



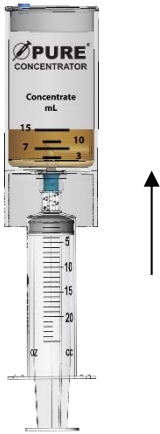
Inject plasma back and forth through the CORE into the 60mL syringes until you've reached the desired amount of concentrate volume.

STEP 16:



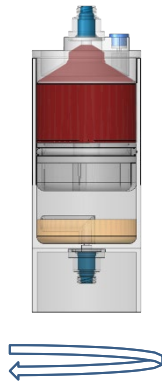
Protein Rich Plasma 7mL or desired amount.

STEP 17:



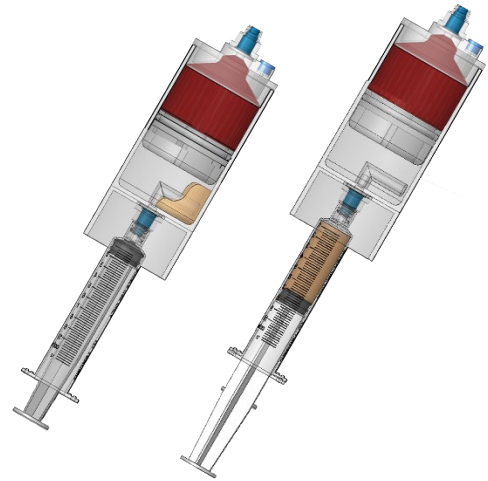
Inject the Protein Rich Plasma into the Concentrator with platelet buffycoat.

STEP 18:



Gently swirl to resuspend the platelet buffycoat into the plasma.

STEP 19:



Connect the 12mL syringe to the bottom needle-less port and tilt to aspirate the PRP

STEP 20:



7mL or desired amount of protein rich PRP