BC30-SP: IFU ILLUSTRATION

NOTICES:

PLEASE DISCARD RED VENTED CAP FROM CONCENTRATING DEVICE BEFORE USE
ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A STERILE SYRINGE
ALWAYS ADD CLEAR CAP TO THE BOTTOM PORT PRIOR TO CENTRIFUGATION

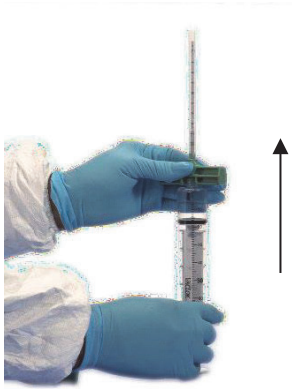
PROCESSING PROTOCOL

Step 1:

USE HEPARIN 1000 units/mL

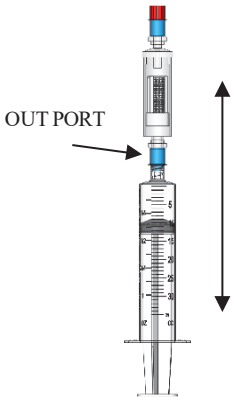
To begin priming, attach the sterile filter needle onto a 30mL syringe. Draw 15mL of Heparin Anticoagulant.

Step 2:



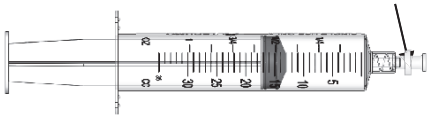
Remove the filter needle from the syringe. Then prime the bone marrow aspirating cannula by injecting 5mL of heparin through it.

Step 3:



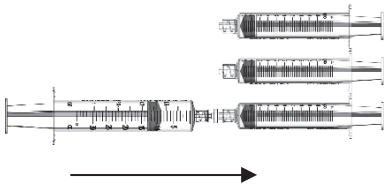
Attach the heparin syringe to the OUT port of the bone marrow filter. Fill to prime and then aspirate the heparin back into the syringe.

Step 4:



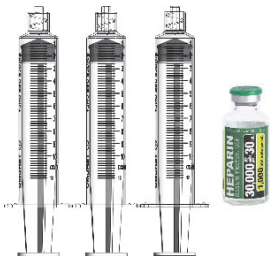
Connect the Female-Female connector to the Heparin syringe.

Step 5:



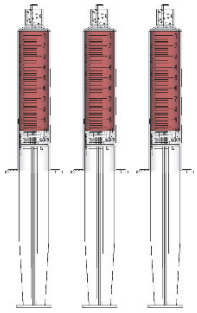
Consecutively connect three (3) 12mL syringes to the other end of the Female-Female connector and inject 1mL of Heparin in each syringe.

Step 6:



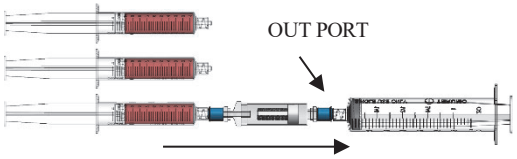
Make sure that three (3) 12mL syringes have 1mL of Heparin in each prior to aspirating bone marrow.

Step 7:



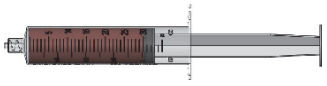
Collect 9mL of BMA in each syringe filling each syringe to 10mL. Collect a total of 30mL of BMA solution.

Step 8:



Connect one (1) 30mL syringe to the OUT port of the BMA filter. Consecutively filter three (3) 12mL BMA syringes into the 30mL syringe.

Step 9:



30mL of bone marrow aspirate is now properly anticoagulated, filtered and ready for processing.

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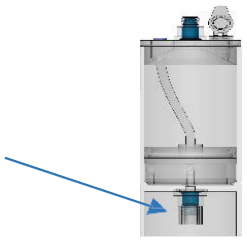
CONCENTRATING PROTOCOL 30mL:

Step 1



Attach clear non vented cap to the bottom port.

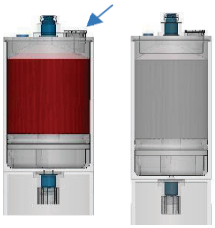
ALWAYS add clear cap to the bottom port prior to centrifugation

Step 2

With **VENT LID OPEN**
Inject anticoagulated filtered bone marrow aspirate through the top needle-less port

Step 3

VENT LID CLOSED



Close VENT LID and counterbalance device with equal volume

Place in the centrifuge rotor at opposite ends.

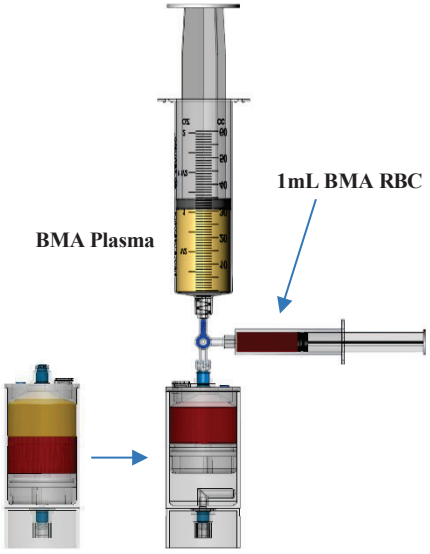
Step 4

Sapphire Series Centrifuge
Set to:
PUREBMC 30 SPIN 1

Platinum Series Centrifuge
Set to:
PUREBMC SPIN 1

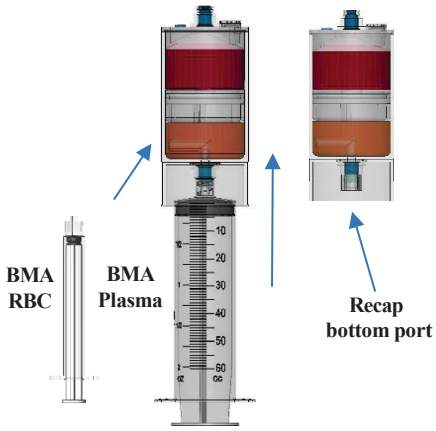
Executive Series Centrifuge
Set to:
2.5 minutes / 4400 RPM

Step 5



Connect the aspirating assembly syringes to the top port and aspirate the BMA plasma into the 30mL syringe. Then open the stopcock to the 3mL syringe and aspirate an additional 1mL of BMA RBC.

Step 6



Inject the 1mL BMA RBC through the bottom port. Then inject the BMA Plasma through the bottom port.

Recap bottom port with sterile clear cap.

Step 7

Place back in centrifuge rotor

Sapphire Series Centrifuge
Set to:
PUREBMC 30 SPIN 2

Platinum Series Centrifuge
Set to:
PUREBMC SPIN 2

Executive Series Centrifuge
Set to:
5 minutes / 4400 RPM

Step 8

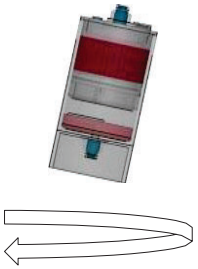
Bone marrow buffy-coat at the bottom of the device

After centrifugation the bone marrow buffy-coat will be separated at the bottom of the device

Step 9

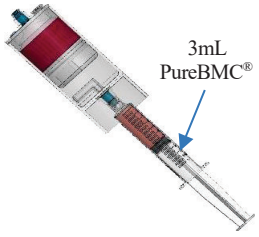
Connect the syringe to the bottom needle-less port and aspirate bone marrow plasma, leaving 3mL in the device.

Step 10



Gently swirl to resuspend the bone marrow buffy-coat into the plasma

Step 11



Connect the 12mL syringe and aspirate the remaining 3mL of PureBMC® Supraphysiologic

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