BC120-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

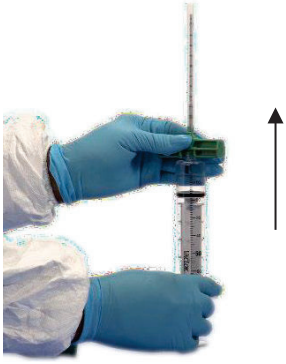
PROCESSING PROTOCOL:

Step 1:

USE HEPARIN 1000 units/mL

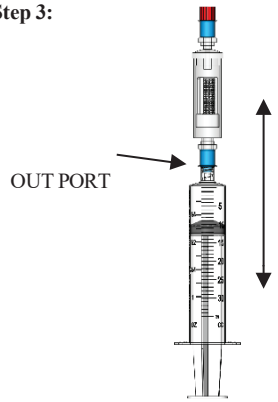
To begin priming, attach the sterile filter needle onto a 30mL syringe. Draw 20mL of Heparin Anticoagulant.

Step 2:



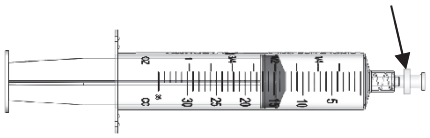
Remove the filter needle from the syringe. Then prime the bone marrow aspirating cannula by injecting 5mL of Heparin through it. Leave approximately 15mL of Heparin in the syringe.

Step 3:



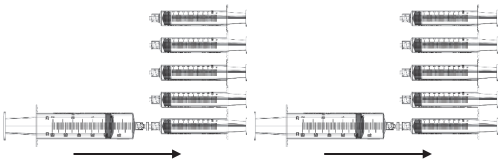
Attach the Heparin syringe to the OUT port of the bone marrow filter. Fill to prime and then aspirate the Heparin back into the syringe. Leave approximately 15mL in syringe.

Step 4:



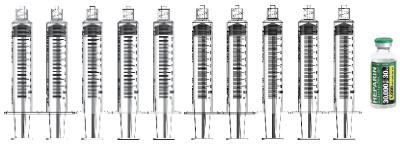
Connect the Female-Female connector to the Heparin syringe.

Step 5:



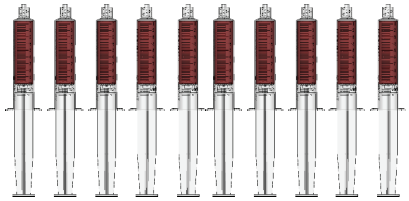
Consecutively connect ten (10) 12mL syringes to the other end of the Female-Female connector and inject 1mL of Heparin in each syringe.

Step 6:



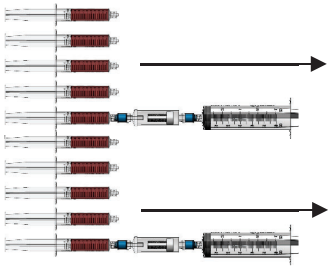
Make sure that ten (10) 12mL syringes have 1mL of Heparin in each prior to aspirating bone marrow.

Step 7:



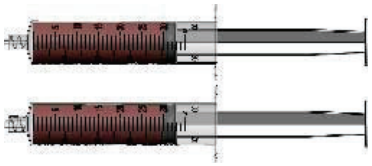
Collect 11mL of BMA in each syringe filling to 12mL. Collect a total of 120mL of BMA solution.

Step 8:



Consecutively connect two (2) 60mL syringes to the OUT port of the BMA filter. Filter five (5) 12mL BMA syringes into each 60mL syringe.

Step 9:

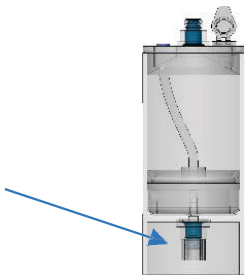


120mL of bone marrow aspirate is now properly anticoagulated, filtered and ready for processing.

EmCyte Corporation
4331 Veronica S. Shoemaker Blvd., Suite 4, Fort Myers, Florida 33916, USA. www.emcyte.com

CONCENTRATING PROTOCOL 120mL

Step 1: DO FOR EACH DEVICE



Attach clear non vented cap to the bottom port.

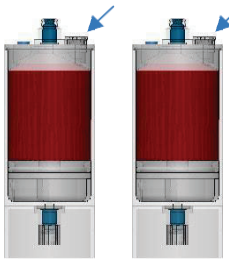
ALWAYS add clear cap to the bottom port prior to centrifugation

Step 2: DO FOR EACH DEVICE

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.

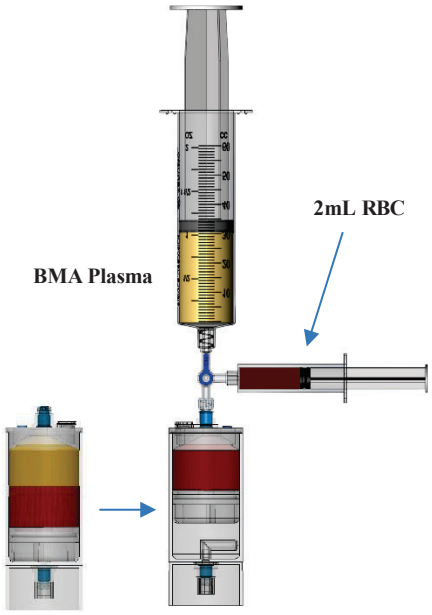
Step 4

Sapphire Series Centrifuge
Set to:
PUREBMC 60 SPIN 1

Platinum Series Centrifuge
Set to:
PUREBMC SPIN 1

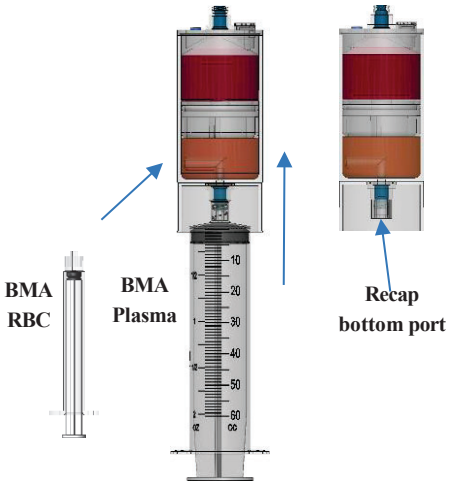
Executive Series Centrifuge
Set to:
3.5 minutes / 4400 RPM

Step 5: DO FOREACHDEVICE



Connect the aspirating assembly syringes to the top port and aspirate the BMA plasma into the 60mL syringe. Then open the stopcock to the 3mL syringe and aspirate an additional 2mL of BMA RBC.

Step 6: DO FOR EACH DEVICE



Inject the 2mL 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 60 SPIN 2

Platinum Series Centrifuge
Set to:
PUREBMC SPIN 2

Executive Series Centrifuge
Set to:
6 minutes / 4400 RPM

Step 8: DO FOR EACH DEVICE

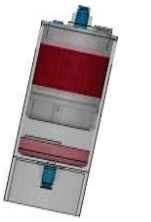
Bone marrow buffy-coat at the bottom of the device

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

Step 9: DO FOR EACH DEVICE

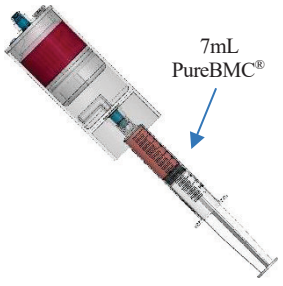
Connect the syringe to the bottom needle-less port and aspirate bone marrow plasma, leaving 7mL in the device.

Step 10: DO FOR EACH DEVICE



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

Step 11: DO FOR EACH DEVICE



Connect the 12mL syringe and aspirate the remaining 7mL of PureBMC® supraphysiologic

EmCyte Corporation
4331 Veronica S. Shoemaker Blvd., Suite 4, Fort Myers, Florida 33916, USA. www.emcyte.com
PL-42-81, Rev. 5