

## BC30-PURE: 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

### PREPARATION PROTOCOL

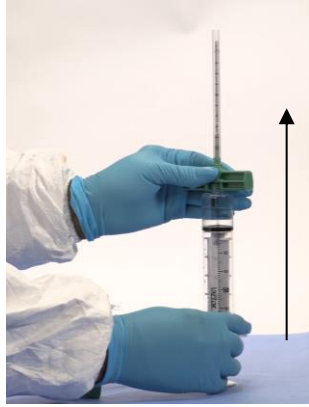
Step 1:



Attach the sterile filter needle onto the VACLOK 30mL syringe. Then draw 15mL of Heparin Anticoagulant

**(1000 units/mL)**

Step 2:



Then prime the bone marrow aspirating cannula by injecting 5mL of heparin through it

Step 3:



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

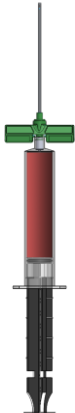
Step 4:



Then discard the residual heparin leaving 3mL in the VACLOK syringe

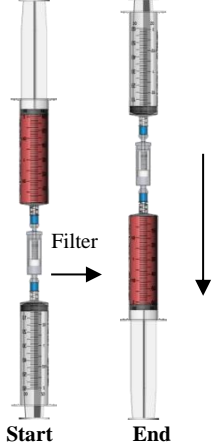
**CONCENTRATING PROTOCOL**

**Step 1:**




Slowly draw 27mL of bone marrow aspirate, filling the syringe to 30mL. Mix the BMA and heparin upon collection to prevent coagulation.

**Step 2:**



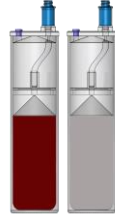
Connect a 30mL syringe to the OUT port of the bone marrow filter. Connect the VACLOK bone marrow syringe to the IN port of the filter. Inject the BMA through the filter into the 30mL syringe.

**Step 3:**

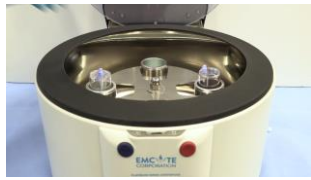


Inject anticoagulated & filtered BMA into the **Concentrating Device**

**Step 4:**



Counterbalance with the same volume as the Concentrating Device.



Then place them directly opposite to each other in the centrifuge rotor buckets.

**Step 5:**

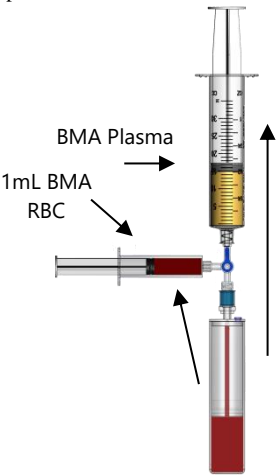


Platinum Series Centrifuge: Set to **PUREBMC SP SPIN 1**



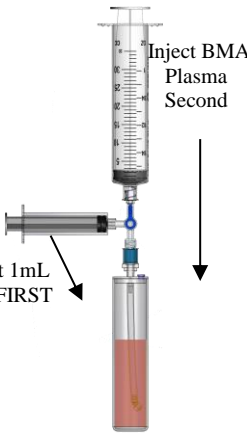
Executive Series Set to **2.5 minutes and 3800 RPM**

**Step 6:**



Aspirate the BMA plasma into the 30mL syringe. Then open the stopcock to the 3mL syringe and aspirate 1mL of BMA RBC

**Step 7:**




Inject BMA Plasma Second

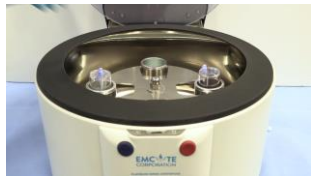
Inject 1mL RBC FIRST

Transfer the BMA RBC from the 3mL syringe first, then transfer the BMA plasma from the 60mL syringe into the **Concentrating Accessory**

**Step 8:**



Counterbalance with the same volume as the Concentrating Accessory.



Then place them directly opposite to each other in the centrifuge rotor buckets

**Step 9:**

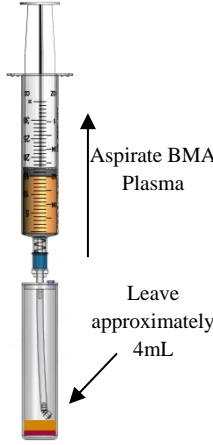


Platinum Series Centrifuge: Set to **PUREBMC SP SPIN 2**



Executive Series Set to **7 minutes and 3800 RPM**

**Step 10:**

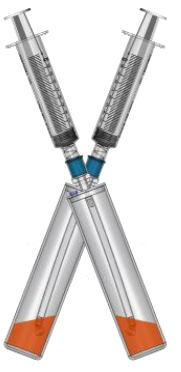


Aspirate BMA Plasma

Leave approximately 4mL

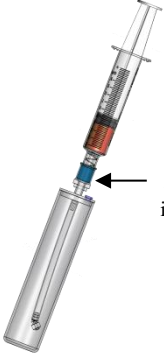
Aspirate BMA plasma from the Concentrating Accessory. Leave 4mL of plasma.

**Step 11:**



Attach the 12mL syringe and swirl to resuspend the BMA buffycoat into the plasma.

**Step 12:**



Tilt to immerse Aspirating Pipe into PureBMC®

Tilt to immerse the Aspirating Pipe into the PureBMC®

Aspirate BMC into the 12mL syringe.





## BC60-PURE: IFU ILLUSTRATION

### NOTICES:

PLEASE DISCARD RED VENTED CAP FROM CONCENTRATING DEVICE BEFORE USE

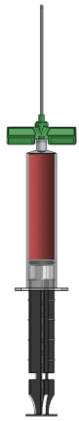
ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A STERILE SYRINGE

### PREPARATION PROTOCOL

<p>Step 1:</p>  <p>Attach the sterile filter needle onto the VACLOK 60mL syringe. Then draw 15mL of Heparin Anticoagulant</p>	<p>Step 2:</p>  <p>Then prime the bone marrow aspirating cannula by injecting 5mL of heparin through it</p>	<p>Step 3:</p>  <p>Attach to the OUT port of the bone marrow filter. Fill to prime and then aspirate back into the syringe</p>	<p>Step 4:</p>  <p>Then discard the residual heparin leaving 5mL in the VACLOK syringe</p>
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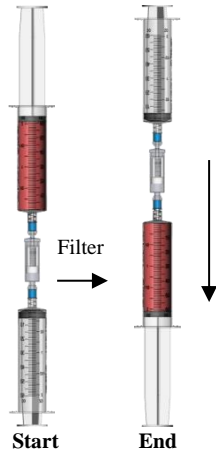
# CONCENTRATING PROTOCOL

Step 1:



Slowly draw 55mL of bone marrow aspirate, filling the syringe to 60mL. Mix the BMA and heparin upon collection to prevent coagulation.

Step 2:



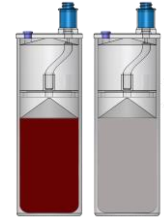
Connect a 60mL syringe to the OUT port of the bone marrow filter. Connect the VACLOK bone marrow syringe to the IN port of the filter. Inject the BMA through the filter into the 60mL syringe.

Step 3:



Inject anticoagulated & filtered BMA into the **Concentrating Device**

Step 4:

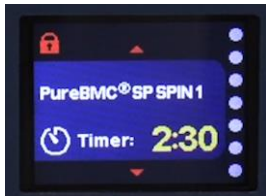


Counterbalance with the same volume as the Concentrating Device.



Then place them directly opposite to each other in the centrifuge rotor buckets.

Step 5:

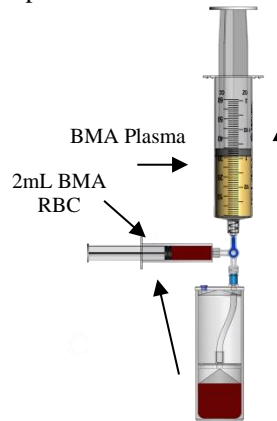


Platinum Series Centrifuge:  
Set to **PUREBMC SP SPIN 1**



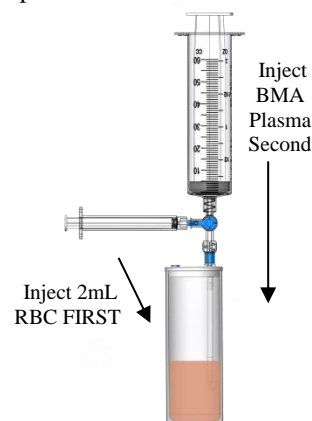
Executive Series  
Set to **2.5 minutes and 3800 RPM**

Step 6:



Aspirate the BMA plasma into the 60mL syringe. Then open the stopcock to the 3mL syringe and aspirate 2mL of BMA RBC

Step 7:



Transfer the BMA RBC from the 3mL syringe first, then transfer the BMA plasma from the 60mL syringe into the **Concentrating Accessory**

Step 8:

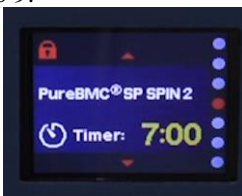


Counterbalance with the same volume as the Concentrating Accessory.



Then place them directly opposite to each other in the centrifuge rotor buckets

Step 9:

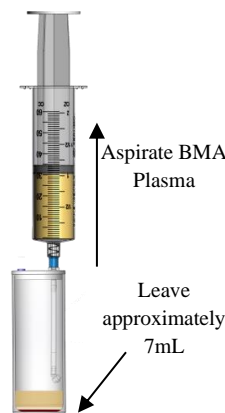


Platinum Series Centrifuge:  
Set to **PUREBMC SP SPIN 2**



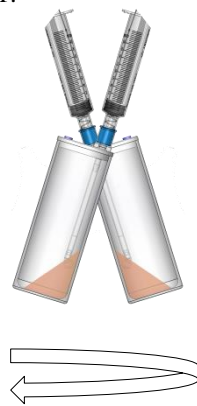
Executive Series  
Set to **7 minutes and 3800 RPM**

Step 10:



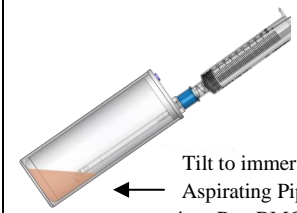
Aspirate BMA plasma from the Concentrating Accessory. Leave 7mL of plasma.

Step 11:



Attach the 12mL syringe and swirl to resuspend the BMA buffycoat into the plasma.

Step 12:



Tilt to immerse the Aspirating Pipe into the PureBMC®

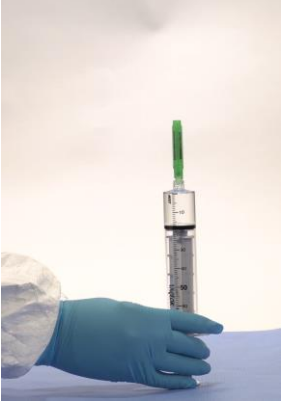
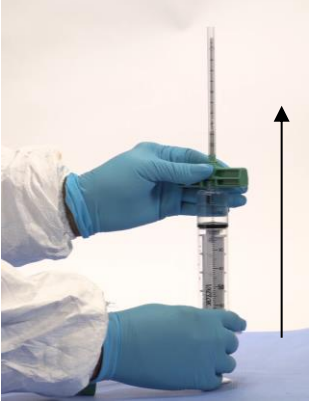


Aspirate BMC into the 12mL syringe.

## BC120-PURE: IFU ILLUSTRATION

### NOTICES:

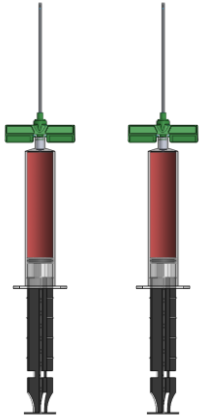
**PLEASE DISCARD RED VENTED CAP FROM CONCENTRATING DEVICE BEFORE USE  
ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A  
STERILE SYRINGE**

### PREPARATION PROTOCOL:

<p>Step 1:</p>  <p>Attach the sterile filter needle onto the first VACLOK 60mL syringe. Then draw 15mL of Heparin Anticoagulant (1000 units/mL)</p>	<p>Step 2:</p>  <p>Then prime the bone marrow aspirating cannula by injecting 5mL of heparin through it</p>	<p>Step 3:</p>  <p>Attach to the OUT port of the bone marrow filter. Fill to prime and then aspirate back into the syringe</p>	<p>Step 4:</p>  <p>Then discard the residual heparin leaving 5mL in each VACLOK syringe</p>
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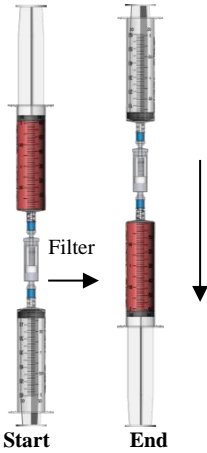
# CONCENTRATING PROTOCOL

Step 1:



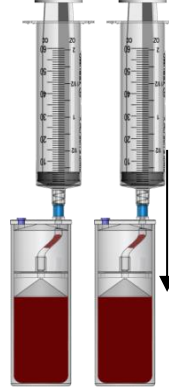
Slowly draw 55mL of bone marrow aspirate, filling each syringe to 60mL. Mix the BMA and heparin upon collection to prevent coagulation.

Step 2:



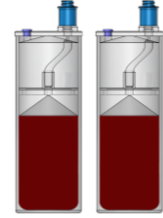
For each BMA syringe, filter the BMA in the direction indicated on the filter.

Step 3:

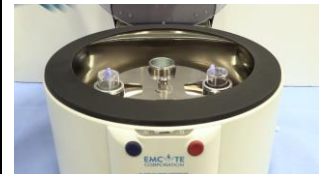


Inject 60mL of anticoagulated & filtered BMA into each **Concentrating Device**

Step 4:

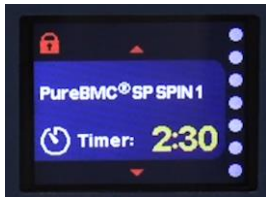


Counterbalance with equal volume in both devices



Then place them directly opposite to each other in the centrifuge rotor buckets.

Step 5:

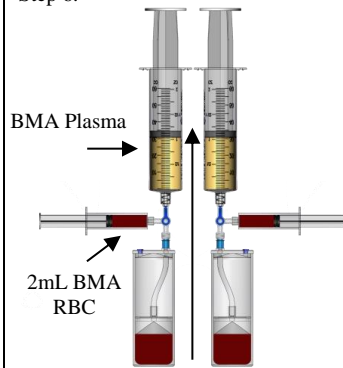


Platinum Series Centrifuge: Set to **PUREBMC SP SPIN 1**



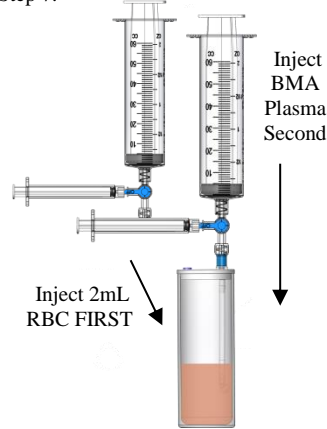
Executive Series Set to **2.5 minutes and 3800 RPM**

Step 6:



For each device, connect the Aspirating Accessory, then aspirate the BMA plasma into the 60mL syringe. Then open the stopcock to the 3mL syringe and aspirate 2mL of BMA RBC

Step 7:



For each Aspirating Accessory, transfer the BMA RBC from the 3mL syringe first, then transfer the BMA plasma from the 60mL syringe into the **Concentrating Accessory**

Step 8:

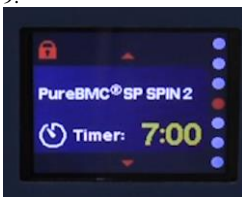


Counterbalance with the same volume as the Concentrating Accessory.



Then place them directly opposite to each other in the centrifuge rotor buckets

Step 9:

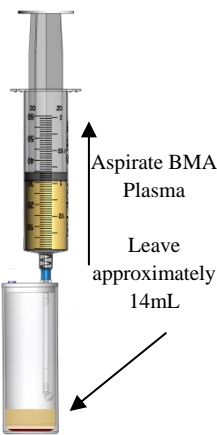


Platinum Series Centrifuge: Set to **PUREBMC SP SPIN 2**



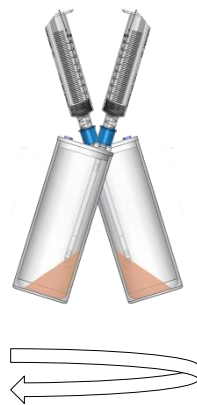
Executive Series Set to **7 minutes and 3800 RPM**

Step 10:



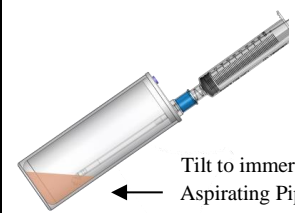
Aspirate BMA plasma from the Concentrating Accessory. Leave 14mL of plasma.

Step 11:



Attach the 20mL syringe and swirl to resuspend the BMA buffycoat into the plasma.

Step 12:



Tilt to immerse the Aspirating Pipe into the PureBMC®

Aspirate BMC into the 20mL syringe.