
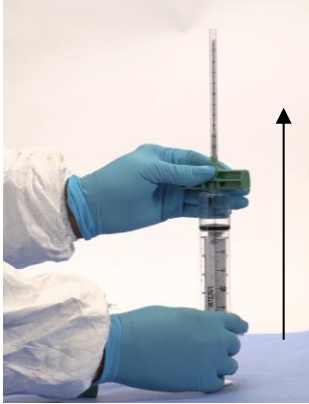




GSBMA-30: IFU ILLUSTRATION

NOTICES:

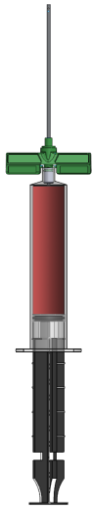
**PLEASE DISCARD RED VENTED CAP FROM CONCENTRATING DEVICE BEFORE USE
ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A
STERILE SYRINGE**

PROCESSING PROTOCOL:

<p>Step 1:</p>  <p>Attach the sterile filter needle onto the VACLOK 30mL 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 3mL in the VACLOK syringe</p>
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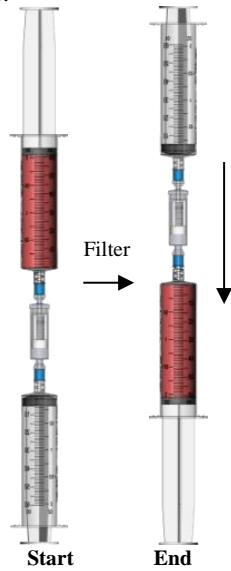
CONCENTRATING PROTOCOL

Step 1:



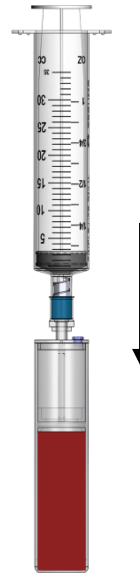
Slowly draw 27mL of bone marrow aspirate, filling the syringe to 60mL. Mix the BMA and heparin upon collection to prevent coagulation.

Step 2:



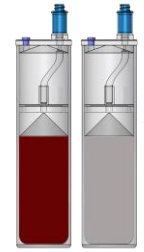
Connect a 30mL syringe to the OUT port of the bone marrow filter. Connect the VACLOK bone marrow syringe to the IN port of the filter. Inject the BMA through the filter into the 30mL syringe.

Step 3:



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

Step 4:



Counterbalance with the same volume as the Concentrating Device.

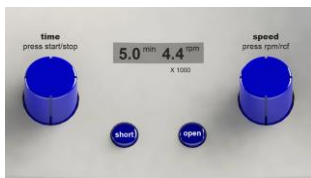


Then place them directly opposite to each other in the centrifuge rotor buckets.

Step 5:

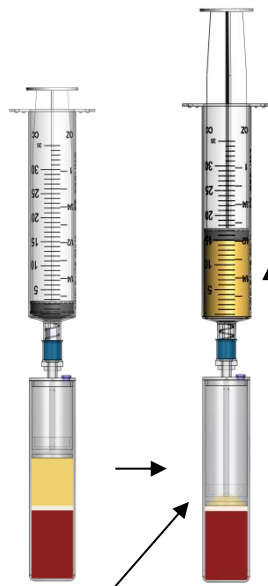


Platinum Series Centrifuge: Set to **ABSOLUTEPRP/BMC**



Executive Series Set to **5.0 minutes and 4400 RPM**

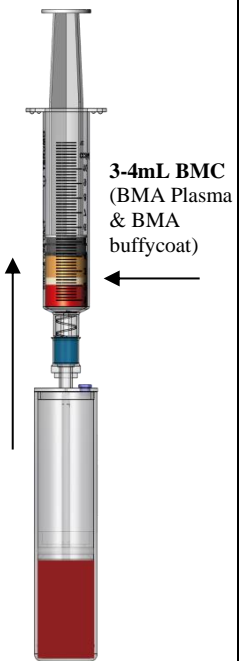
Step 6:



Piston touches the RBC Interface (trapping plasma & BMA buffycoat inside)

Attach the 30mL syringe and aspirate the BMA plasma until the piston touches the RBC interface (trapping the BMA plasma & buffycoat inside), then stop aspirating

Step 7:



3-4mL BMC (BMA Plasma & BMA buffycoat)





Attach the 12mL syringe and aspirate 7-8mL of BMC (Gently rock the syringe to resuspend the buffycoat into the BMA plasma)

GSBMA-60: IFU ILLUSTRATION

NOTICES:

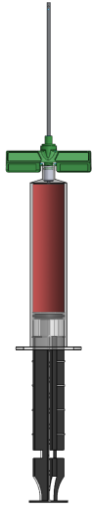
**PLEASE DISCARD RED VENTED CAP FROM CONCENTRATING DEVICE BEFORE USE
ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A
STERILE SYRINGE**

PROCESSING PROTOCOL:

<p>Step 1:</p>  <p>Attach the sterile filter needle onto the 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 the VACLOK syringe</p>
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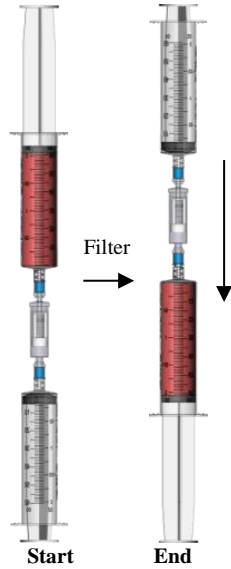
CONCENTRATING PROTOCOL

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:



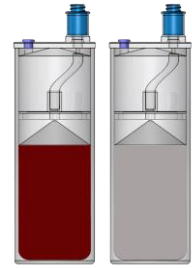
Connect a 60mL syringe to the OUT port of the bone marrow filter. Connect the VACLOK bone marrow syringe to the IN port of the filter. Inject the BMA through the filter into the 60mL syringe.

Step 3:



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

Step 4:



Counterbalance with the same volume as the Concentrating Device.

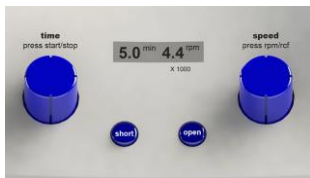


Then place them directly opposite to each other in the centrifuge rotor buckets.

Step 5:

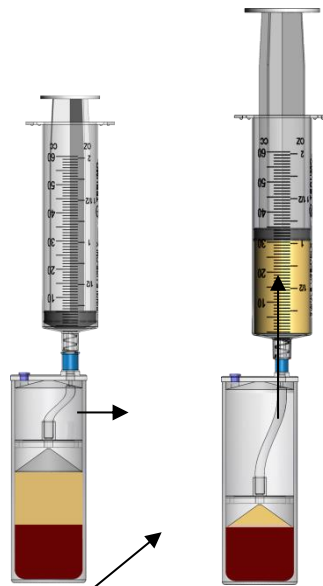


Platinum Series Centrifuge: Set to **ABSOLUTEPRP/BMC**



Executive Series Set to **5.0 minutes and 4400 RPM**

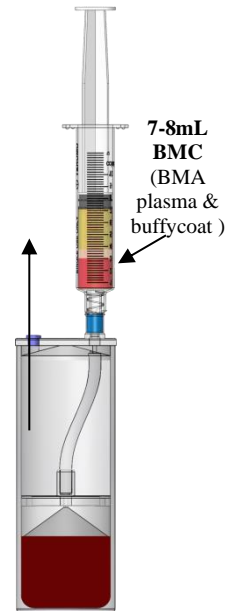
Step 6:



Piston touches the RBC Interface (trapping plasma & BMA buffycoat inside)

Attach the 60mL syringe and aspirate the BMA plasma until the piston touches the RBC interface (trapping the BMA plasma & buffycoat inside), then stop aspirating

Step 7:




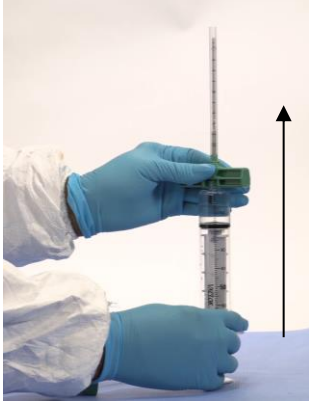


Attach the 12mL syringe and aspirate 7-8mL of BMC (Gently rock the syringe to re-suspend the buffycoat into the BMA plasma)

GSBMA-120: IFU ILLUSTRATION

NOTICES:

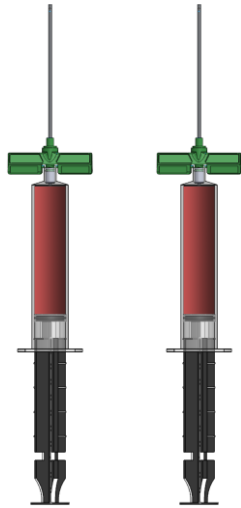
**PLEASE DISCARD RED VENTED CAP FROM CONCENTRATING DEVICE BEFORE USE
ALWAYS SWAB SELF-SEALING PORT WITH STERILE ALCOHOL PRIOR TO ACCESSING WITH A
STERILE SYRINGE**

PREPARATION PROTOCOL:

<p>Step 1:</p>  <p>Attach the sterile filter needle onto the VACLOK 60mL syringe. Then draw 15mL of Heparin Anticoagulant (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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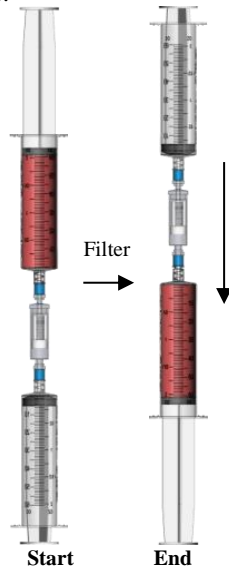
CONCENTRATING PROTOCOL

Step 1:



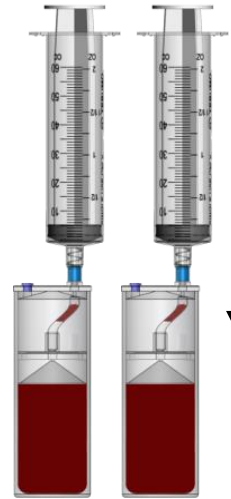
Slowly draw 55mL of bone marrow aspirate, filling each syringe to 60mL. Mix the BMA and heparin upon collection to prevent coagulation.

Step 2:



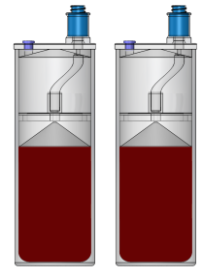
For each BMA syringe filter the BMA in the direction indicated on the filter.

Step 3:



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

Step 4:



Counterbalance with the same volume in each Concentrating Device.

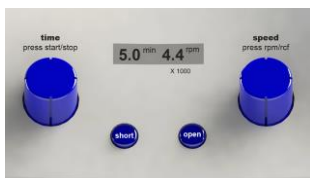


Then place them directly opposite to each other in the centrifuge rotor buckets.

Step 5:

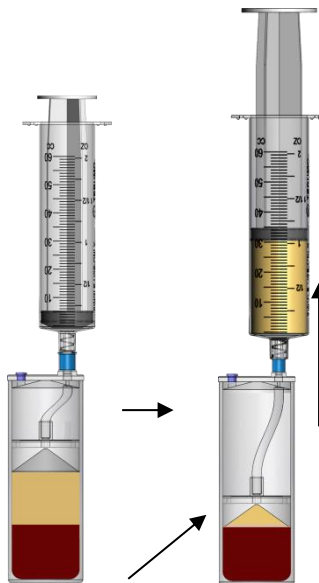


Platinum Series Centrifuge: Set to **ABSOLUTEPRP/BMC**



Executive Series Set to **5.0 minutes and 4400 RPM**

Step 6:

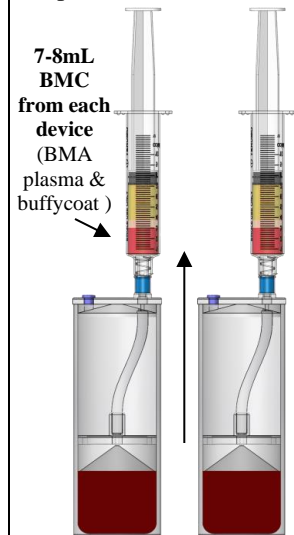


Piston touches the RBC Interface (trapping plasma & BMA buffycoat inside)

REPEAT FOR EACH CONCENTRATING DEVICE:

Attach the 60mL syringe and aspirate the BMA plasma until the piston touches the RBC interface (trapping the BMA plasma & buffycoat inside), then stop aspirating

Step 7:



7-8mL BMC from each device (BMA plasma & buffycoat)

Attach a 12mL syringe to each device and aspirate 7-8mL of BMC from each device.

(Gently rock the syringe to re-suspend the buffycoat into the BMA plasma)