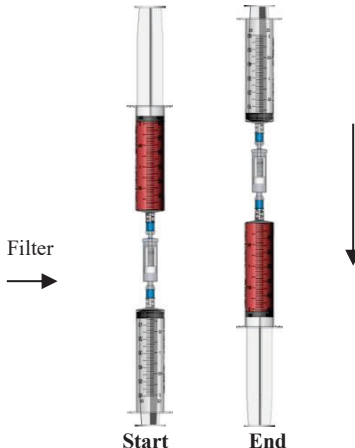


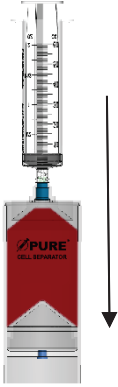
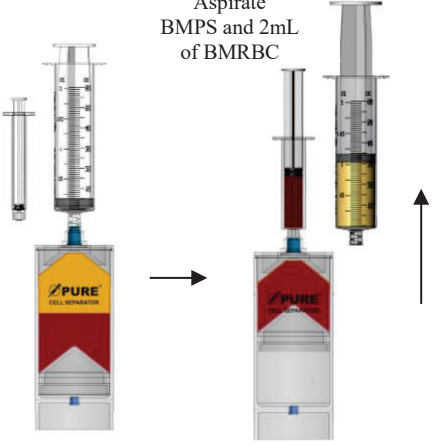
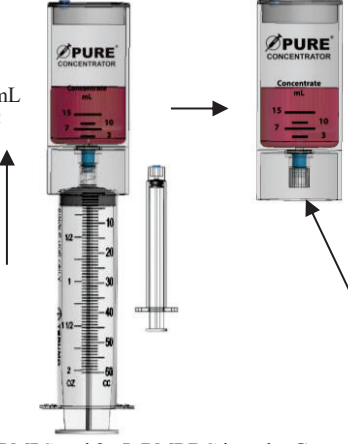
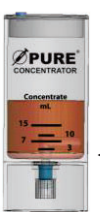
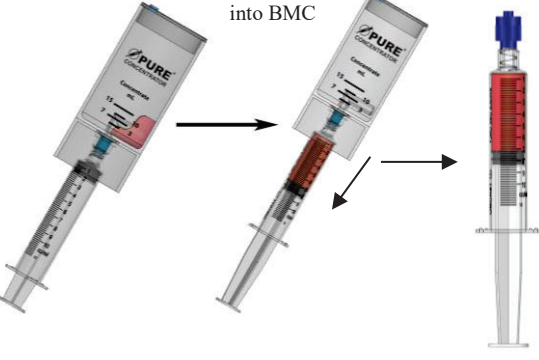
BC60-PURE: IFU ILLUSTRATION

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

STEP 1:  Attach the sterile filter needle onto the VACLOK 60mL 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 5mL in the VACLOK syringe
STEP 5:  Slowly draw 55mL of bone marrow aspirate, filling the syringe to 60mL. Mix the BMA and heparin upon collection to prevent coagulation.		STEP 6:  Filter → Start End 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.	

CONCENTRATING PROTOCOL

Step 1:  Load anticoagulated bone marrow aspirate into the Separator Device	Step 2: Counterbalance with equal volume and place at opposite ends in the centrifuge rotor. Sapphire Series Centrifuge: Set to PUREBMC 60 SPIN 1 Platinum Series Centrifuge: Set to PUREBMC SP SPIN 1 Executive Series Centrifuge Set to 3.5 minutes and 4400 RPM	Step 3: Aspirate BMPS and 2mL of BMRBC  Slowly aspirate bone marrow plasma suspension (BMPS) into the 60mL syringe. Then attach the 3mL syringe and aspirate 2mL of bone marrow red blood cells (BMRBC).
Step 4: Inject BMPS and 2mL of BMRBC  IMPORTANT!! PLACE CLEAR CAP ON BOTTOM PORT Transfer the BMPS and 2mL BMRBC into the Concentrator Device through the bottom port. Inject the 2mL BMRBC first then the BMPS PLACE CLEAR CAP ON BOTTOM PORT PRIOR TO CENTRIFUGATION!!!	Step 5:  IMPORTANT!! MAKE SURE CLEAR CAP IS PLACED ON BOTTOM PORT PRIOR TO CENTRIFUGATION!!! Counterbalance with equal volume then place directly opposite to each other in the centrifuge rotor buckets. Sapphire Series Centrifuge: Set to PUREBMC 60 SPIN 2 Platinum Series Centrifuge: Set to PUREBMC SP SPIN 2 Executive Series Centrifuge Set to 6 minutes and 4400	Step 6:  Bone Marrow Cell Concentrate After centrifugation The bone marrow cell concentrate separates out at the bottom of the Concentrator Device
Step 7:  Aspirate Bone Marrow Plasma Leave approximately 7mL or the desired amount Attach 60mL syringe to bottom port. Aspirate bone marrow plasma from the Concentrator Device. Leave 7mL or the desired amount.	Step 8:  Gently swirl to resuspend the bone marrow cell concentrate into the plasma.	Step 9: Tilt to immerse Aspirating Pipe into BMC  7mL BMC Tilt to immerse the aspirating pipe into the bone marrow concentrate. Then attach the 12mL syringe to bottom port and aspirate the BMC.