

Processing Whole Blood Using the CRT PurePRP® II Kit

1



Draw 10 mL of ACD-A Anticoagulant into 60 mL Syringe

2



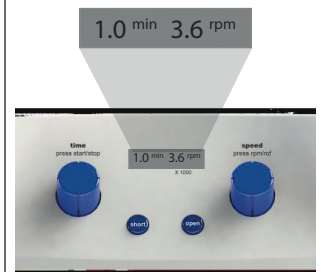
Draw 50 mL whole blood from patient, filling syringe to 60 mL

3



Load anticoagulated whole blood into the 60 mL Concentrating Device

4



Counterbalance and process sample in centrifuge for 1 minute at 3600 RPM

5



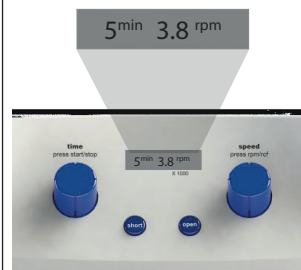
Using the 60 mL syringe, aspirate platelet poor plasma and buffycoat (until RBC fills aspirating line)

6



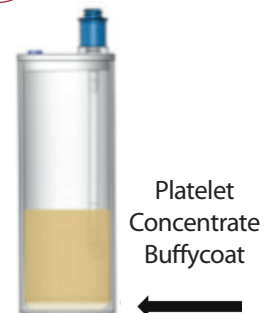
Transfer the platelet plasma suspension into the 30 mL Concentrating Device

7



Counterbalance and process sample in centrifuge for 5 minutes at 3800 RPM

8



Platelet concentrate buffycoat separates out at the bottom of the 30 mL Concentrating Device

9



Aspirate platelet poor plasma from 30 mL Concentrating Device, leave 4 mL of plasma

10



Attach the 10 mL syringe and swirl to resuspend the platelet buffycoat into the plasma

11




Tilt to immerse Aspirating Pipe into PurePRP®

12




Extract the 4 mL of PurePRP® into the 10 mL syringe

Processing Bone Marrow Using the CRT BMC Kit


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1


Draw 5 mL of Heparin into 60 mL syringe
- 2**

Attach syringe to "Out" port of BMA Filter. Prime BMA Filter with Heparin, ensuring complete coverage to reduce chance of clotting, leave syringe attached
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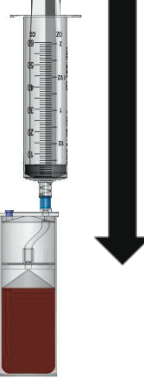
3

Draw 10-15 mL of Heparin into Vaclock Syringe. Prime syringe and Jamshidi Needle with Heparin, ensuring complete coverage. Leave 5 mL of Heparin in syringe
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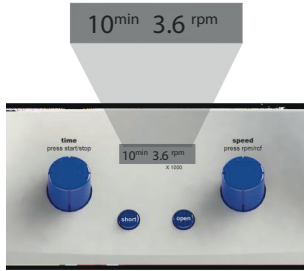
4

Draw 25 mL of Bone Marrow from patient
- 


5

Pass BMA through filter into attached 60 mL syringe
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6

Transfer the bone marrow aspirate into the Concentrating Device
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7

Counterbalance and process sample in centrifuge for 10 minutes at 3600 RPM
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8

Stem cell concentrate separates out at the bottom of the Concentrating Device
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9

Using the second 60 mL syringe, aspirate the plasma layer until red stem cell layer is seen in top of line
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10

Attach the 10 mL syringe and aspirate 3 mL of bone marrow aspirate concentrate