

Step 1



Sterilize the 3" and 2-1/2" blunt needles provided. Also sterilize 2 30ml containers (053-1005) as well as a small emesis basin (053-1033) to place the cups into.

Step 2



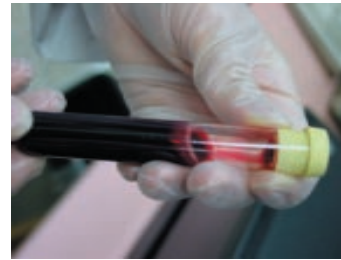
Create a clean field for the working area.

Step 3



Draw blood directly into the anticoagulant-containing, yellow-top blood collection tubes (6 provided), by using the blood collection butterfly and holder (pictured above), or by using the collection needle and holder (both provided).

Step 4



Invert yellow-top blood collection tubes several times to mix blood with anticoagulant.

Step 5



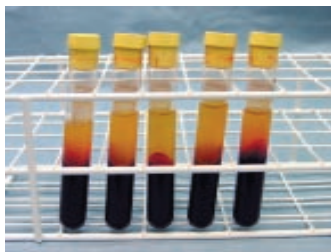
Place yellow-top tubes into centrifuge. Always ensure that the tubes are counterbalanced as per the centrifuge manual.

Step 6



Spin tubes at 1300 rpm for 10 minutes. Green operative light (not shown) indicates centrifuge is in function. Unit is extremely quiet. The initial 10 min. spin is completed once light is off.

Step 7



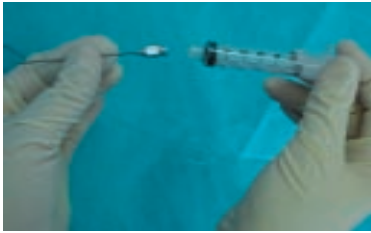
After centrifuging, transfer the yellow-top blood collection tubes to an appropriate sized test tube rack (943-7821).

Step 8



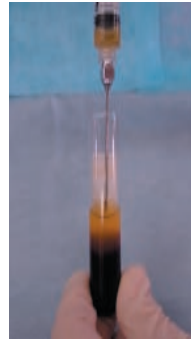
Place an equal number of red-top blood collection tubes into the rack and remove the tops. Place the yellow-top tubes in the back of the rack.

Step 9



Attach the 2-1/2" blunt needle to the 5ml syringe for use in the next step.

Step 10



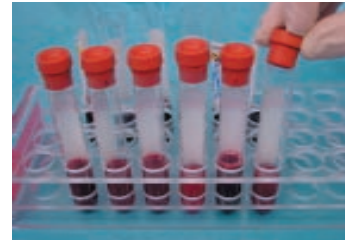
Draw straw colored liquid from the tube moving the needle downward as you draw. Stop when you reach the layer of red blood cells (deep red color).

Step 11



Express the contents into a red-top tube. Use a gentle technique so as not to disturb the platelets.

Step 12



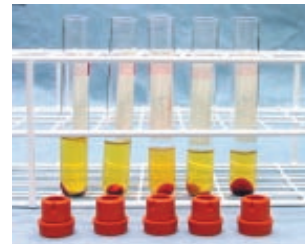
Replace caps onto the red-top tubes and place into centrifuge. Always ensure that the tubes are counterbalanced.

Step 13



Spin tubes at 2000 rpm for 10 minutes. Green operative light (not shown) indicates centrifuge is in function. Unit is extremely quiet. The 10 min. spin is completed once light is off.

Step 14



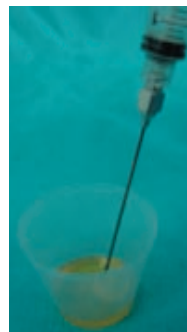
After centrifuging, transfer the red-top blood collection tubes to an appropriate sized test tube rack and remove the tops.

Step 15



Using the 5ml syringe/2-1/2" blunt needle combination used earlier, insert needle as far as it will go and draw yellow liquid until the syringe draws air.

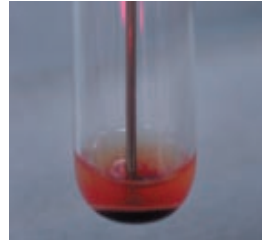
Step 16



Express the contents of the syringe into a sterile container.

Step 17

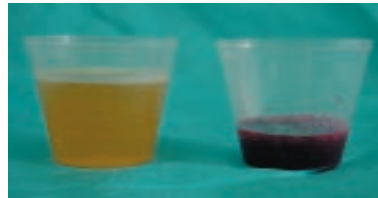
Attach the 3" blunt needle to the second 5ml syringe provided.

Step 18

Using the 5ml syringe/3" blunt needle combination, very gently mix the remaining solution by drawing and expressing the liquid 3 times.

Step 19

Express the contents into a second sterile container.

Step 20

This completes the preparation phase. You will now have two containers, one containing yellow colored Platelet Poor Plasma and the other containing red colored Platelet Rich Plasma.

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