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MEDCO INSTRUMENTS

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INSTRUCTIONS:

HOW TO OBTAIN: PRP PRF APRF IPRF PRF + SPRF LPRF STICKY BONE GUMMY BONE

TO WHOM IT MAY CONCERN:

- THESE ARE VERY SIMPLE INSTRUCTIONAL GUIDE NOT A COURSE OR RECOMMENDATIONS.
- MEDCO INSTRUMENTS OR EMPLOYEES OF MEDCO INSTRUMENTS DO NOT ASSUME ANY RESPONSIBILITY NOR GUARANTEE ANY RESULTS FROM THESE INSTRUCTIONS.
(Please use at your own risk)
- PLEASE ASK A CERTIFIED INSTRUCTOR FOR ADVISE FOR ADDITIONAL INFO BEFORE USING THESE INSTRUCTIONS

Here are the instructions to run Blood Concentrates - You must be a licensed Practioner and a Licensed phlebotomist to carry out above procedures. All products used must be completely sterile.



Wash Both Hands with soap dry them with clean disposable sterile towel and put on Sterile Gloves and use Clean Area to carry out these procedures. Centrifuge must be placed on a hard firm clean surface preferably a Counter near the Wash Basin or next to a Sterilizer or can be in a doctor's office as long as the surface is strong, clean and does not vibrate when machine is on. Please wipe off with Sterile Gauze any particulate or stains you noticed on the surface of Centrifuge especially where you insert the blood tubes.

PROOF

FOLLOWING INSTRUCTIONS APPLY TO OUR EZ SPIN CENTRIFUGE AND NOT RECOMMENDED FOR OTHER CENTRIFUGES RESULTS MAY NOT BE SAME OR SAFE TO USE. EACH CENTRIFUGE IS DESIGNED DIFFERENTLY WITH DIFFERENT G FORCE AND ANGLES.

PRP:

- Please use 2 Yellow Top Sterile Tubes marked BD as ACD Solution A 8.5ml with Additive Solution inside
- Wipe off the top of the yellow rubber cap with a Sterile Guaze.
- Fill the tube with patient blood to the top. Always use Multiple Tubes, place tubes across from each other to balance the centrifuge.
- Set the machine for 14 Minutes @ 2700 RPM to obtain Clot on the top of the tube. Remove the clot from the yellow tube with a Sterile tweezer and place it in the PRF Box.

GUMMY PRP:

- Please use 2 White Sterile 9ml Plastic Tube without any liquid inside the tube.
- Fill it with patient blood. Follow above safety procedures.
- After blood is drawn, place the sterile tubes in the centrifuge across from each other and balanced.
- Set the machine for 4 minutes at 300 rpm to get a brown liquid layer on the top to be removed by a Sterile 10 cc syringe. This is use for bone grafting procedures commonly known as sticky bone or for Vampire facials.

APRF:

- Please use two or four red top sterile Glass tubes fill it up and place inside centrifuge across from each other and balance them.
- Set the machine for 8 Minutes at 1300 rpm to get healthy clot on the top of each glass tube to make membranes or plugs as desired.
- When machine stops spinning remove the glass tubes remove the red rubber (Cover) immediately and let it sit in the metal rack for minimum 5 minutes to get a rich clot. APRF can last up to one hour and then cut up in small pieces or place the whole clot in one of the plugs in the box and cover it with the metal bell for 10 mts.

IPRF:

- Use 2 white Plastic sterile tubes without any liquid fill it up with patient blood place them inside the centrifuge across from each other to balance the machine.
- Set the centrifuge for 4 minutes at 700 rpm to get Liquid Layer to inject or mix with bone to do bone grafting or facial injections.
- Immediately after machine stops spinning lid will open automatically remove both white tubes and remove the white top rubber cover and only let it sit for 30 seconds.
- Take a Sterile syringe remove the top liquid yellow layer to be used as sticky bone, facial Aesthetics or joint injections. Lifetime of IPRF is only 3 to 5 minutes or it will turn into clot solid and cannot be used so use it immediately.

PRF Liquid and IPRF Combined:

- Draw blood in 6 Red Sterile Tubes Place tubes across from each other in the centrifuge make sure tubes are in correct position and balanced.
- Set the centrifuge for five minutes at 1300 rpm machine will stop only remove two red tubes from across each other so remaining 4 tubes are balanced. Close the cover of centrifuge and now set the timer to run for additional 3 minutes at 1300 rpm.

Remove the cover from the two tubes you just took out wait 30 seconds and draw the liquid top layer from both tubes into a Sterile Syringe and mix it with Sterile Bone particulates immediately.

Let the bone sit for 2 to 3 minutes and that will turn into a Gel strong Bone Graft.

When centrifuge stops after three minutes remove the four red top tubes and remove the cover immediately and let the four tubes sits in metal tray holder for 5 minutes to get healthy clots.

Remove each clot and cut the blood line from the clot and place the clots in to the Sterile PRF box and place the flat metal plate on top of the clots. Cover the Box with PRF Box cover and let it sit for 5 minutes. Remove the cover and Now your Membranes are ready.

Remove the rest of the juice left into the PRF box bottom tray and spray over the membranes to get maximum cell growth.

P.S. - IN ALL BLOOD DRAW CASES FOR ABOVE PROCEDURES PLEASE MAKE SURE THAT BLOOD IS DROWN FASTER IN TO THE STERILE TUBES WITHIN 8 SECONDS TO FILL 10 CC TUBES. (SLOWER THE BLOOD DRAW POOR WILL BE THE RESULTS)

MULTIPLE BLOOD DRAW: IF YOU WISH TO DRAW BLOOD TWO OR MORE TIMES

Leave the original blood draw Butterfly Needle into patient arm. Put a **sterile** band aid on the butterfly. Take a 10 cc Sterile Syringe with 23G needle fill the syringe with 10 cc Sterile Saline Water and flush the needle with minimum 5cc of saline so the red blood traces from the catheter is cleared and it is not clogged. Leave the saline syringe with remaining 5cc saline attached to the Needle on patient arm. Put a Band Aid to stabilize the saline syringe so it does not slide away from patient arm. Make sure that Needle and Catheter is clean and clear does not show blood traces or clots.

When ready to draw more blood from same patient just flush the remaining 5cc saline into the arm via the butterfly now remove the empty saline syringe USE a Fresh Red or White or Yellow Sterile Tubes to draw additional blood.

***Only use one time disposable and Sterile supplies such as Blood Draw Butterfly Needle, Yellow, White, Red Tubes and Syringes. All instruments and PRF Box must be washed and Sterile after each use. Dispose off Needles and tubes in a proper Red Safety Containers.**

Any questions, please feel free to contact me only on my cell phone as I do not work from the office. They will ask you to call my cell phone at 708-860-7413.

We also sell all the disposable supplies so when you run out, please call the office at 708-237-3750 or purchase them from the website.

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