

Step 1: Blood Collection

To maximize platelet volume and potency it is essential to utilize the PomPac® tube cooling system and the PomCol® blood draw cooling system. Store both the PomPac® and PomCol® in the refrigerator until the time of surgery.

1. Remove at least two i-PRF+™ tubes from their packages and place them in the PomPac®. A maximum of 6 tubes can be drawn without needing to flush the line with saline.
2. Begin a blood draw with a 21-gauge blood collection butterfly. Once the needle is inserted, wrap the patient's arm with the PomCol®.
3. While keeping the resting tubes in the PomPac®, individually remove one tube and begin to fill it. Once the tube is filled place it back in the PomPac®. It is essential that the blood draw happens quickly to prevent fibrin loss.
4. Once all the tubes are filled, they can then be placed into the DuoQuattro® centrifuge. Tubes must be placed parallel to each other to eliminate harmful vibrations.



PomCol® & PomPac® Blood Draw

Step 2: Processing

The uses for i-PRF+™ are wide-spread and cover a multitude of applications such as facial aesthetics, orthopedics, and hair regeneration. Regardless of the application, the same process is used to create injectable i-PRF+™. Simply use a purple i-PRF+™ tube on the 4th setting which is 700 rpm for 5 minutes for women, and 700 rpm for 6 minutes for men.

1. After selecting the fourth setting (i-PRF+) place the tubes in the centrifuge. To preserve cell vitality, it is important to place tubes parallel to each other to prevent excess vibrations.
2. Once the tubes are in the DuoQuattro® close the lid firmly near the latch and press start to begin the cycle.
3. After the cycle is completed, the i-PRF+™ is ready to be used.
4. Aspirate the i-PRF+™ plasma into a sterile syringe and use as needed.



Protocol for i-PRF+™



i-PRF+™ Blood Collection Vial

Adding Custom Settings

It is possible to alter any of the settings on the DuoQuattro® which will allow you to save a preset for both men and women. By default, setting #4 is set for 5 minutes which is the setting for women. We recommend using the setting marked "custom" to store the setting for men. If you wish to change the setting to 6 minutes for males follow the instructions below:

1. Power on the machine and press the setting button until you reach the setting you wish to alter.
2. Press the select button and then turn the dial knob until you reach the required rpm.
3. Press select again and then turn the knob until you reach the desired spin time.
4. Hold the setting button for 10 seconds to save the setting.



1. Select Button
2. Dial Knob
3. Settings Button



i-PRF+™ Ready for Injection



i-PRF+™ Knee Injection



i-PRF+™ Microneedling