



## **Integrity BioFiller System (Utilizing Integrity PRP)**

### **Items:**

- 1 Integrity PRP Kit or 2 Integrity PRP Tubes
  - 1 Integrity PRP Centrifuge
  - 1 Integrity PRP BioFiller Machine
  - 6 x 1ml syringes (may double this if more plasma gel is required)
  - 6 syringe caps (this prevents blood from leaking down inside of the bio plasma machine)
  - 27G or 25G needles, 22G or 25G cannulas to inject (this is based on preference)
  - Luer lock connectors to transfer plasma from one syringe to the next (Integrity PRP Kits come with 1 luer lock connector).
- 1.) Turn on and Pre-heat the Integrity BioFiller Machine to 90 degrees- press and hold Program 1 button for 3 seconds, wait for the numbers to stop blinking and hit start- see instructional manual for more instructions on how to set up the BioFiller Machine.
  - 2.) Draw patient's blood into the Integrity PRP Tubes
  - 3.) Place the PRP tubes into the centrifuge.
  - 4.) Spin PRP tubes at 3500 RPM for 9 minutes (P1 on the Integrity PRP Centrifuge).
  - 5.) Extract a total of 3ml of PPP into 3 x 1ml syringes (PPP or Platelet Poor Plasma is the top portion of the plasma in the PRP tube and is more fibrous making it ideal to create plasma gel).
  - 6.) Place a syringe cap on the 1ml syringes and place the syringes in the front heating portion of the Integrity BioFiller Machine.
  - 7.) On the Integrity BioFiller Machine, press Program 1 and hold down for 3 seconds until 90 degrees and 9 minutes shows on the screen. Wait for the numbers to stop blinking and then press start. Heat the syringes at 90 degrees for 9 minutes.
  - 8.) Once the heating portion is over, place the syringes into the back cooling portion of the Integrity BioFiller Machine.
  - 9.) Cool the syringes for 4 minutes.
  - 10.) Once they are done take the syringes out of the machine.
  - 11.) Extract a total of 1.5ml of Platelet Rich Plasma from the PRP tube separated equally into 3 x 1ml syringes (there should be .5ml in each syringe). Note: The Platelet Rich layer of plasma is right above the separation gel.
  - 12.) Use a luer lock connector and attach the 1ml syringe of plasma gel to the .5ml syringe of PRP and mix back and forth 15-20 times until the gel and PRP have mixed thoroughly into the syringe. Repeat this until all plasma gel syringes have been mixed with PRP. Ratio: 1ml of plasma gel to .5ml of PRP
  - 13.) Now you are ready to inject. Inject and utilize protocols and/or precautions based on prior training.
  - 14.) NOTE: The plasma gel will be the consistency of a dermal filler like Radiesse or Juvederm Voluma if heated at 90 C for 9 minutes and cooled for 4 minutes. If you prefer the plasma gel to be slightly thinner like Versa or Juvederm Ultra, then you can heat the plasma gel at 90 C for 6 minutes and cool for 4 minutes. If you are requiring an even thicker plasma gel for BBL's then you can heat the plasma for up to 15 minutes at 90 C and cool for 5 minutes