



*Accelerate*<sup>®</sup>



PLATELET  
CONCENTRATING  
SYSTEM

**PREPARATION TECHNIQUE**

WITH BATROXOBIN/CALCIUM GLUCONATE

## PREPARATION TECHNIQUE

### 1 Preparation: (Circulating Nurse)

- Aseptically transfer the PRP aspirating kit and applicator kit into the sterile field. If possible, this should be completed before the patient is in the room.
- Aseptically transfer the contents of the outer pouch of a Plateltext® ACT\* kit onto the sterile field. If preparing both PRP and PPP, two Plateltext ACT kits will be needed.

### 2 Blood Draw (Anaesthesia Personnel)

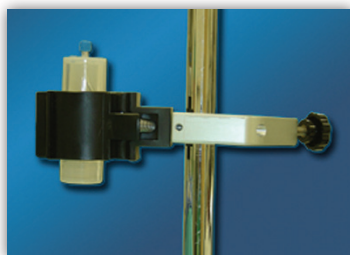
- **Step 1:** Draw 8mL of anticoagulant into 60ml syringe.
- **Step 2:** Attach and prime the apheresis needle with ACD-A
- **Step 3:** Draw 52mL of blood, filling the syringe to 60mL (52mL of blood and 8mL ACD-A). Gently mix the blood and anticoagulant.

### 3 PRP Processing (Circulating Nurse)

- **Step 1:** Transfer the 60mL of blood and ACD-A into the blood separating tube. Fill the counterbalance with equivalent volume of water.
- **Step 2:** Place both tubes in the centrifuge buckets at opposite ends of the rotor.
- **Step 3:** Set the centrifuge to 2400 rpm, 12 minutes and 0 brake. Start the centrifuge.



- **Step 4:** Once the centrifuge has stopped, mount the blood separator tube on the IV pole.



### 4 PRP and PPP Syringe Aspiration in the Sterile Field (Scrub Personnel)

- **Step 1:** Connect one end of the extension line to the three-way valve assembly (the other two ends are connected to a 60mL syringe and 12mL syringe).
- **Step 2:** Connect the other end of the extension line from the sterile field to the blood separating tube.
- **Step 3:** With the stopcock valve closed to the 12mL syringe, SLOWLY draw plasma into the 60mL syringe. This will draw down the aspiration disc inside the blood tube. Slow down when the aspiration disc meets the plasma/RBC interface. A red tint will enter the extension line. Stop when the red tint is about three-fourths into the line.



#### PRP syringe

- **Step 4:** With the stopcock valve closed to the 60mL syringe, SLOWLY draw 6mL of PRP into the 12mL syringe.



#### PPP syringe

- **Step 5:** Remove the PRP syringe and replace with an empty 12mL syringe.
- **Step 6:** With the stopcock valve closed to the extension line, aspirate 6mL of plasma into the syringe. This is the PPP syringe.



### 5 PRP Applicator Assembly (Scrub Personnel)

- Using the 3 mL syringe provided in the Plateltext ACT kit, transfer 1.0mL calcium gluconate into the vial of batroxobin and agitate to dissolve.
- Aspirate 1.0mL of the batroxobin/calcium gluconate into the 1cc syringe.
- Pull the plunger of the PRP syringe back to the 10mL line (Add 4mL air to the syringe). This is necessary to accommodate both syringes in the dispenser.
- Mount the dispensing tips to the end of the PRP syringe and batroxobin syringe. Attach the assembly into the holder.



### 6 PPP Applicator Assembly (Scrub Personnel)

- Using the 3 mL syringe provided in the Plateltext ACT kit, transfer 1.0mL calcium gluconate into the vial of batroxobin and agitate to dissolve.
- Aspirate 1.0mL of the batroxobin/calcium gluconate into the 1cc syringe.
- Pull the plunger of the PPP syringe back to the 10mL line (Add 4mL air to the syringe). This is necessary to accommodate both syringes in the dispenser.
- Mount the dispensing tips to the end of the PPP syringe and batroxobin syringe. Attach the assembly into the holder.

For additional device information, refer to the Accelerate Concentrating System's—Instructions for Use for a device description, indications, contraindications, precautions and warnings. • For further product information, please contact Customer Service, Exactech, Inc., 2320 NW 66th Court, Gainesville, Florida 32653-1630, USA. (352) 377-1140, (800) 392-2832 or FAX (352) 378-2617.

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