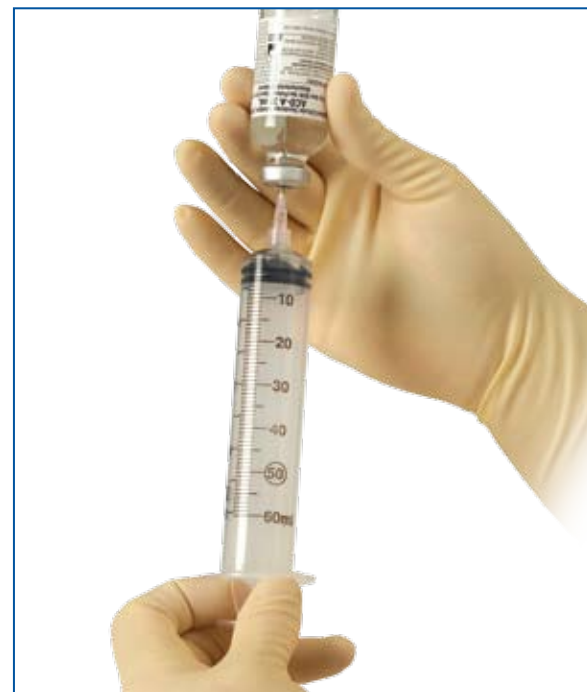


# GPS<sup>®</sup> III

## Platelet Separation System

### Process Steps

#### Step One: Blood Draw



Attach supplied 18 gauge needle to 60ml syringe. Withdraw 5ml of ACD-A (citrate anticoagulant). 55ml of blood is then drawn from the patient according to facility protocol.

**Mini GPS<sup>®</sup> III System:** Attach supplied 18 gauge needle to 30ml syringe. Withdraw 3ml of ACD-A. 27ml of blood is then drawn from the patient according to facility protocol.

#### Step Two: Load Blood



Unscrew cap on center port No.1 and discard green packaging post. Slowly load blood into center port.



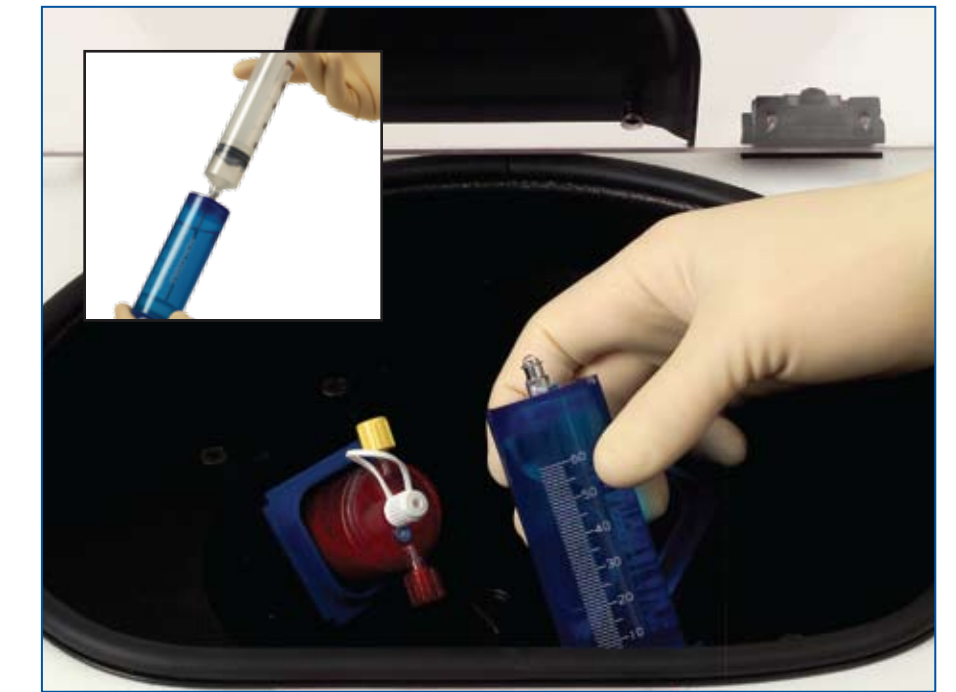
Remove protective cover on white cap and discard. Screw white cap onto center port.



Push Open/Stop button on control panel. The "unlocked" indicator will illuminate. Turn latch counter-clockwise to open lid. Place tube into centrifuge.

**Mini GPS<sup>®</sup> III System:** If using the mini kit, mini purple buckets must be inserted into the centrifuge.

#### Step Three: Balance



Fill GPS<sup>®</sup> III System counterbalance with 60ml of sterile saline and place into opposite side of centrifuge.

**Mini GPS<sup>®</sup> III System:** Fill purple mini Counterbalance with 30ml of sterile saline and place into opposite side of centrifuge.

#### Spin



Close the lid by rotating the lid latch Clockwise. "Latched" indicator will illuminate. The speed (3200 RPM) and time (15 minutes) are preset. Press green button to start spin. Once spin is complete, press red button to illuminate the "Unlocked" indicator. Twist latch counter-clockwise to open lid.

#### Step Four: PPP Extraction



To extract the platelet poor plasma (PPP), remove yellow cap on side port No. 2 and connect the 30ml syringe. Slowly tilt the tube while withdrawing. Replace yellow cap.

#### PRP Suspension and Extraction



Remove red cap on side port No. 3 and connect 10ml syringe. Withdraw 2ml.

**Mini GPS<sup>®</sup> III System:** Remove red cap on side part No. 3 and connect 10ml syringe. Withdraw 1ml.



With 10ml syringe attached, suspend the platelets by gently shaking the tube for 30 seconds.



Extract the remaining platelet rich plasma (PRP) contents into the attached 10ml syringe.

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