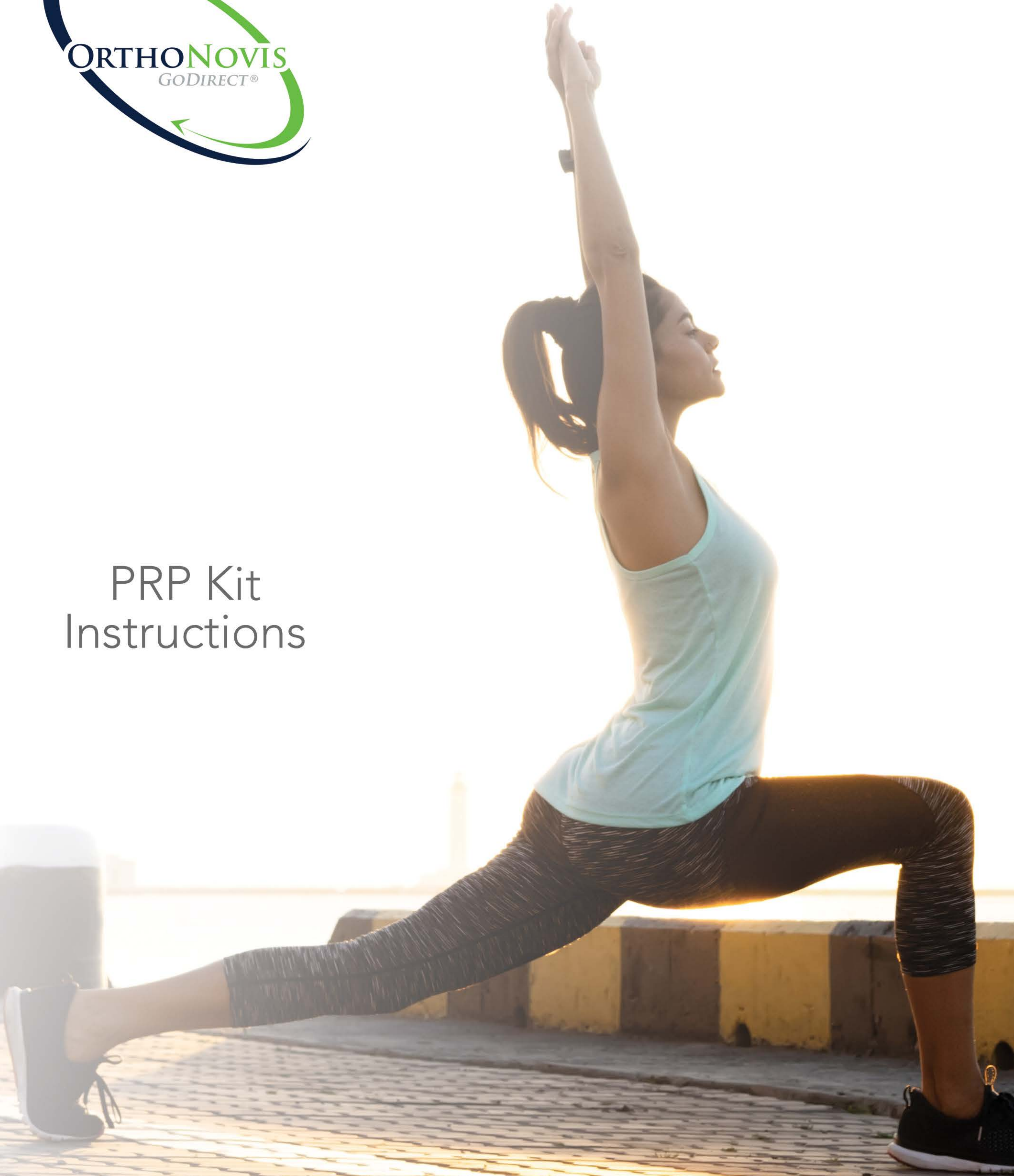




PRP Kit Instructions



View our product line at [OrthoNovis.com](https://www.OrthoNovis.com)

PRP KIT INSTRUCTIONS

STEP 1: PREPARATION

1a. SUPPLIES

- Anti-Coagulant 1.5mL
- 18gauge x 90mm
- 20mL Syringe
- 5mL Syringe
- 27gauge x 1.5"
- 21gauge x 0.75" Vein Set
- Alcohol Prep Pad
- Povidone-Iodine Prep Pad
- Bandage

1b. SYRINGE COATING WITH ANTICOAGULANT



Draw 1.5mL anti-coagulant in 20mL syringe and coat inside of walls of the syringe.

STEP 2: BLOOD GATHERING

GATHER BLOOD

Draw 15mL of blood. (Total syringe volume will read 16.5mL.)



or



Butterfly needle

21g needle

* Preference of gauge needle determined by user.

** Maximum allotted time before spinning is 30 minutes.

STEP 3: COLLECTION

3a. PREPARE THE TUBE

- Change 20mL syringe to an 18g needle.

3b. FILL UP THE TUBE

- Put the gathered blood into a tube (keeping a slope of 45°).

Fill Line



3c. CLOSE THE TUBE

Close the cork with forceps.

STEP 4: CENTRIFUGATION

4a.



ONP KIT
Sterile Tube

Counterbalance Tube
Unsterile Tube

4b.



4c.



RPM: 3400-3600

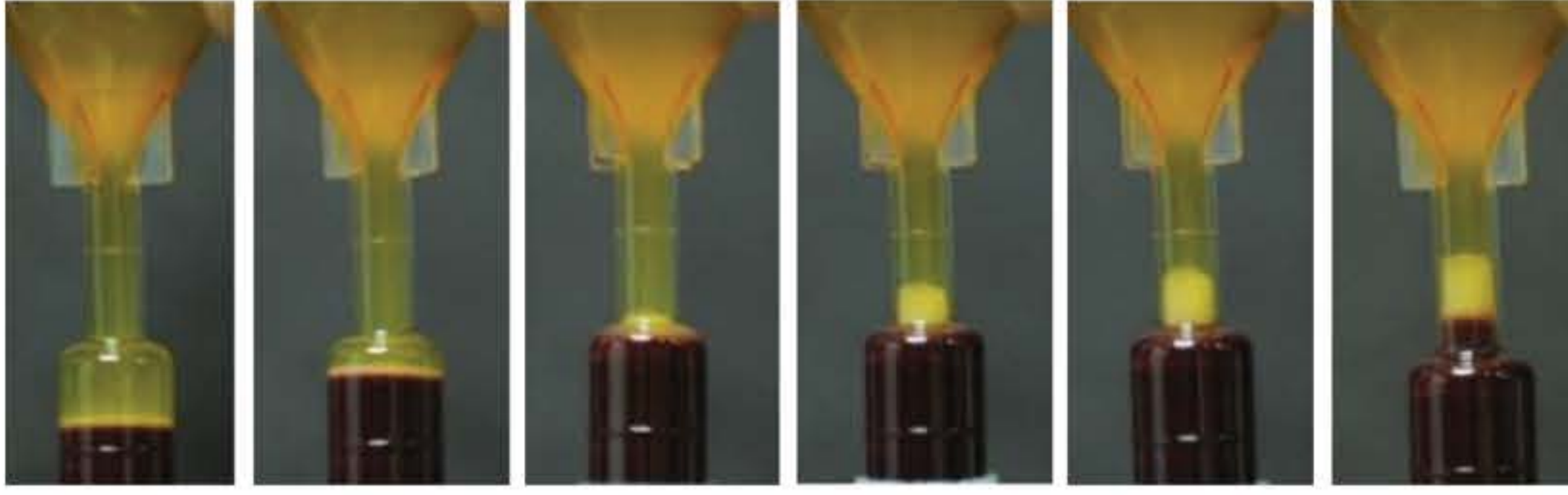
Time: 4 minutes

RCF: 1888*g

* Maximum allotted time to keep separation between plasma and RBC is 10 minutes.

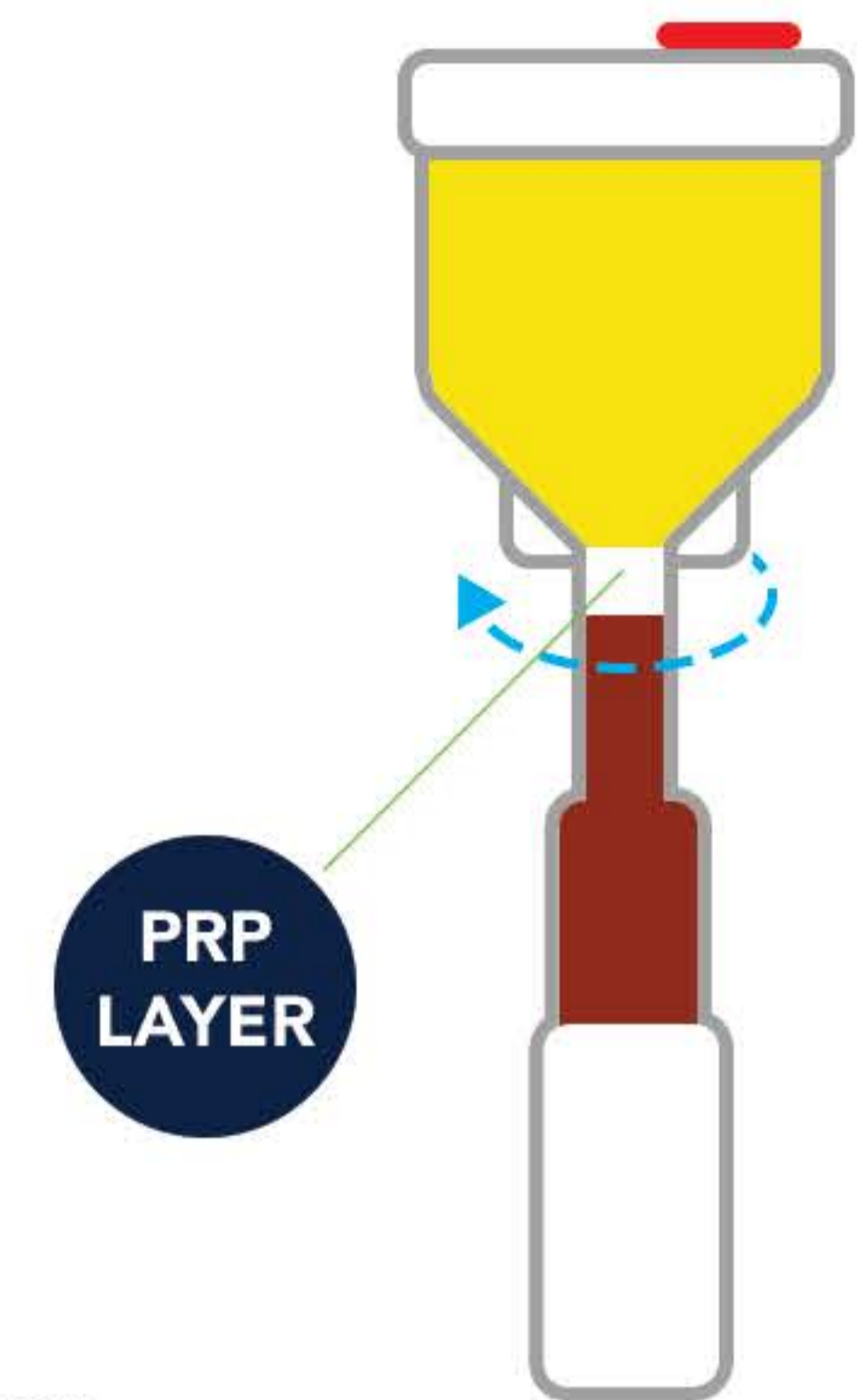
STEP 5: PPR/PPP EXTRACTON

1a. STAGES OF EXTRACTION



Rotate base of tube counterclockwise until PRP/PPP layer is completely in neck.

1. Open the red cork on top of lid.
2. Adjust RBC level to meet the edge of the needle.
3. Slowly spin the needle while extracting PHP (using Tornado System).
4. Extract 1.5-2.5mL PRP into 5mL syringe.
5. Maximum allotted time to transfer PRP/PPP to patient is 45 minutes.

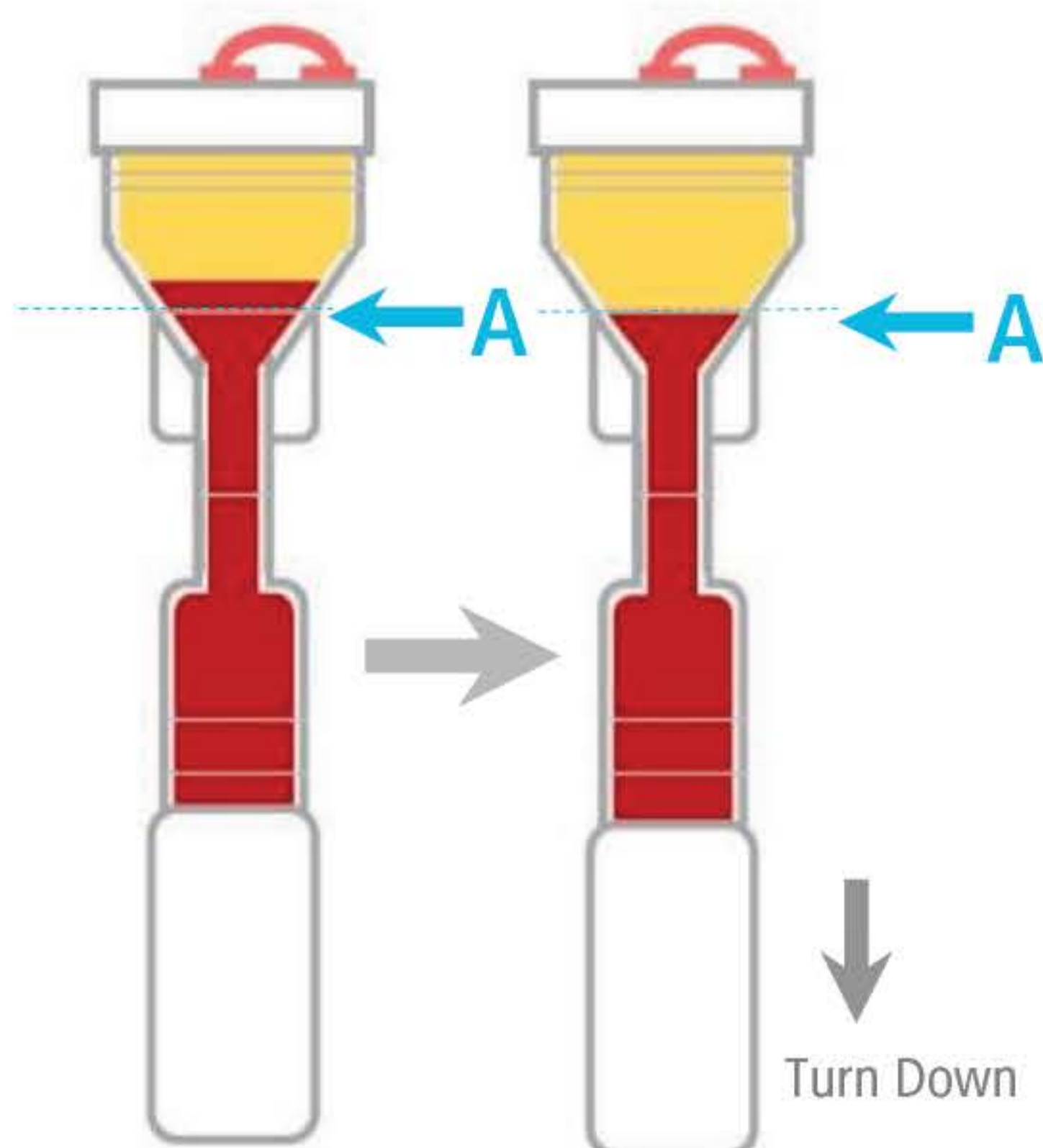


Optional: collect remaining PPP for further clinical use.

WHEN IS THE 2ND CENTRIFUGATION NEEDED?

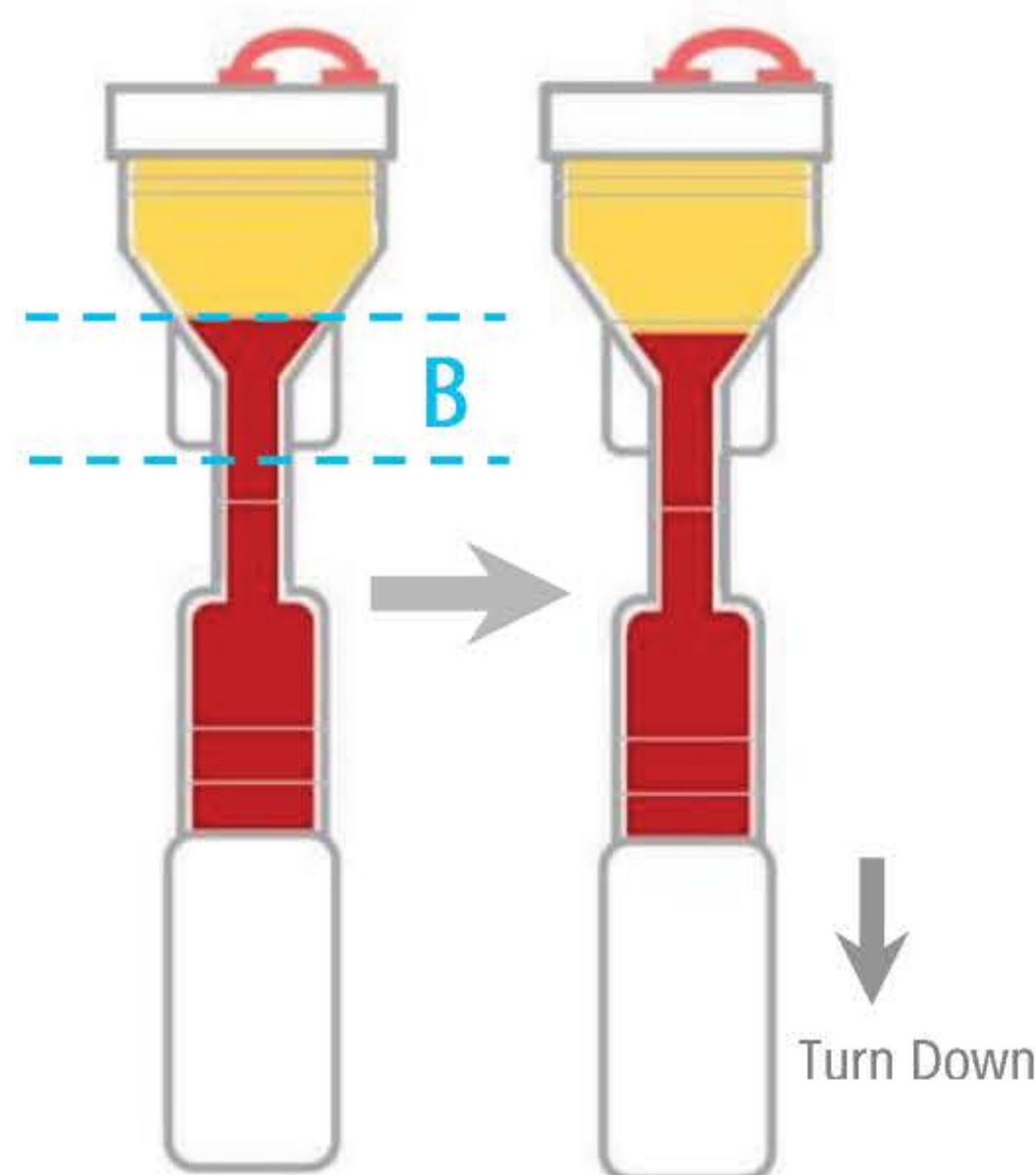
1 Elevated Hematocrit

If RBC's remain above the slim neck after the 1st spin, turn down the control grip to Line A and take another 4 min spin with the same speed.



2 Elevated Hematocrit

If RBC's remain in the range B, lower RBC's a little by one or half down turn of the control grip.



3 Depressed Hematocrit

If RBC's are depressed lower than the slim neck after the 1st spin, elevate RBC's up to the signed line that is right below line C, and take another 2 minute spin with 1200-2400 RPM.

