

ProGen PRP™

Versa

SUPER LOW RBC 41ML DRAW QUICK START

- ✓ 41mL whole blood draw
- ✓ 3 Spins 17.5 minutes
- ✓ Up to 20mL 2x PRP
- ✓ Up to 7mL 5x PRP
- ✓ < 1% RBC

* To lower pH level of final product, use 4mL ACD-A, draw 46mL of patient blood

* If using Drucker please turn brake setting to "2" and set speed to 3,300 RPM. Use adaptor BELL-22000.

NOTE: You must have a third ProGen Centrepid device as a counter balance to perform this protocol.

BEST PRACTICES:

- **DO NOT USE WITHOUT ADAPTORS PROVIDED.**
- Before using supplied syringes prime and collapse all syringes to break seal to improve ease of use.
- Before spinning, wipe the cap valve area of the ProGen PRP Versa with alcohol wipe.
- Always maintain vertical position of ProGen Centrepid.
- Always place female cap on used syringes to prevent contents from being accidentally discharged.
- Always dispose of syringes using standard biohazard practices. Do not dispose in Sharps container.

This is not the IFU. Please refer to the IFU provided with every kit.

INTENDED USE:

The ProGen™ PC Kit is indicated for the rapid preparation of autologous Platelet Rich Plasma (PRP) from a small sample of blood at the patient's point of care. The PRP is mixed with autograft/or allograft bone prior to the application to a bony defect for improving handling characteristics of the graft.

STEP 1

- Draw 9mL of ACD-A in the supplied 60mL syringe*
- Draw 41mL of patient's blood using same 60mL syringe
- Gently swirl syringe to mix blood and ACD-A
- Connect the syringe to the patient's ProGen Centrepid™
- Gently transfer the 50mL of blood and ACD-A into the patient's ProGen Centrepid
- Cap 60mL syringe and place in sterile tray
- Position cap to RBC position
- Place ProGen Centrepid into the centrifuge

STEP 2

- Fill a second ProGen Centrepid device with 50mL of water to create a counter balance
- Load counter balance into centrifuge
- Spin for 4 minutes 3,200 RPM & brake setting "5" on ELM1 (Drucker, see *)
TIP: If separation is not clearly defined, spin for an additional 4 minutes

STEP 3

- Remove ProGen Centrepid from centrifuge and confirm cap is in the RBC position
- Using 60mL syringe, aspirate RBC's until the bottom of the visible buffy coat reaches the 6mL level
- Cap and dispose of the syringe containing RBC's using standard biohazard practices

STEP 4

- Aspirate the water level in the counter balance to equal the blood volume in the patient's ProGen Centrepid
- Spin for 30 seconds, 3,200 RPM & brake setting "5" on ELM1 (Drucker, see *)
TIP: If separation is not clearly defined, spin for an additional 1 minute

STEP 5

- Remove ProGen Centrepid from centrifuge and confirm cap is in the PPP position
- Using 30mL syringe, aspirate PRP until air bubbles appear in the center tube
- Transfer the PRP collected into a new ProGen Centrepid device

Continued on page 2

C

The logo for ProGen PRP Versa. It features a stylized grey and gold icon on the left, followed by the text "ProGen PRP" in a grey sans-serif font, with a small "TM" trademark symbol. Below "PRP" is a gold rectangular box with a thin black border containing the word "Versa" in a grey sans-serif font.

ProGen PRPTM

Versa

SUPER LOW RBC 41ML DRAW QUICK START

STEP 6

- Aspirate water level in counter balance to equal the newly filled blood volume in the ProGen Centrepid
- Place ProGen Centrepid and counter balance into centrifuge
- Spin for 8 minutes, 3,200 RPM & brake setting "5" on ELM1 (*Drucker, see **)

STEP 7

- Remove ProGen Centrepid from centrifuge and confirm cap is in the PPP position
- Using 30mL syringe, aspirate 2x PRP until air bubbles appear in the center tube
- Cap 30mL syringe and place aside for use

STEP 8

- Turn cap to RBC position on ProGen Centrepid and gently swirl PRP in ProGen Centrepid
- Aspirate PRP into 20mL syringe
- The 5x PRP is ready for use

ProGen PRP™

Versa

TWO SPIN 41ML DRAW QUICK START

- ✓ 13 Minutes Processing
- ✓ Up to 7mL 5x PRP
- ✓ Up to 20 mL 2x PRP

* To lower pH level of final product, use 4mL ACD-A, draw 46mL of patient blood

* If using Drucker please turn brake setting to “2” and set speed to 3,300 RPM. Use adaptor BELL-22000.

BEST PRACTICES:

- **DO NOT USE WITHOUT ADAPTORS PROVIDED.**
- Before using supplied syringes prime and collapse all syringes to break seal to improve ease of use.
- Before spinning, wipe the cap valve area of the ProGen PRP™ Versa with alcohol wipe.
- Always maintain vertical position of ProGen Centrepid.
- Always place female cap on used syringes to prevent contents from being accidentally discharged.
- Always dispose of syringes using standard biohazard practices. Do not dispose in Sharps container.

This is not the IFU. Please refer to the IFU provided with every kit.

INTENDED USE:

The ProGen™ PC Kit is indicated for the rapid preparation of autologous Platelet Rich Plasma (PRP) from a small sample of blood at the patient's point of care. The PRP is mixed with autograft/or allograft bone prior to the application to a bony defect for improving handling characteristics of the graft.

STEP 1

- Draw 9mL of ACD-A in the supplied 60mL syringe*
- Draw 41mL of patient's blood using the same 60mL syringe
- Gently swirl syringe to mix blood and ACD-A
- Ensure ProGen Centrepid™ cap is in the RBC position
- Connect the syringe to the patient's ProGen Centrepid
- Gently transfer the 50mL of blood and ACD-A into the patient's ProGen Centrepid
- Place ProGen Centrepid into centrifuge with adaptor

STEP 2

- Create a counter balance with a second ProGen Centrepid by filling with 50mL of water
 - Load counter balance into centrifuge with adaptor
 - First spin @ 5 minutes 3,200 RPM & brake setting “5” on ELMI (*Drucker, see**)
- TIP: If separation is not clearly defined, spin for an additional 5 minutes**

STEP 3

- Remove ProGen Centrepid from centrifuge and confirm cap is in the RBC position
- Determine the level of visible buffy coat. Use same 60mL syringe to aspirate all contents 3mL below buffy coat level. (ex: If your buffy coat is at 25mL level you will aspirate 22mL of RBC's)
- Cap and dispose of the syringe containing RBC's using standard biohazard practices

STEP 4

- Adjust counter balance volume to equal the patient's ProGen Centrepid
- Spin @ 8 minutes 3,200 RPM and brake setting “5” on ELMI (*Drucker, see**)

STEP 5

- Remove ProGen Centrepid from centrifuge and confirm cap is in the PPP position
- Using 30mL syringe aspirate 2x PRP until air bubbles appear in the center tube
- Cap and set aside for later use

STEP 6

- Ensure ProGen Centrepid cap is in the RBC position
- Gently swirl remaining contents (PRP) in ProGen Centrepid then aspirate into 20mL syringe
- Cap and set approximately 7mL of 5x PRP aside for use

C

ProGen PRP™

Versa

LARGE DRAW 82ML QUICK START

- ✓ 82mL blood draw
- ✓ 2 Spins 13 minutes
- ✓ Up to 40mL 2x PRP
- ✓ Up to 14mL 5x PRP

* If using Drucker please turn brake setting to “2” and set speed to 3,300 RPM. Use adaptor BELL-22000.

NOTE: You must have an additional sterile needle & 60ml syringe to perform this protocol

BEST PRACTICES:

- **DO NOT USE WITHOUT ADAPTORS PROVIDED.**
- Before using supplied syringes prime and collapse all syringes to break seal to improve ease of use.
- Before spinning, wipe the cap valve area of the ProGen PRP™ Versa with alcohol wipe.
- Always maintain vertical position of ProGen Centrepid.
- Always place female cap on used syringes to prevent contents from being accidentally discharged.
- Always dispose of syringes using standard biohazard practices. Do not dispose in Sharps container.

This is not the IFU. Please refer to the IFU provided with every kit.

INTENDED USE:

The ProGen™ PC Kit is indicated for the rapid preparation of autologous Platelet Rich Plasma (PRP) from a small sample of blood at the patient's point of care. The PRP is mixed with autograft/or allograft bone prior to the application to a bony defect for improving handling characteristics of the graft.

STEP 1

- Draw 9mL of ACD-A in the supplied 60mL syringe
- Draw 41mL of patient's whole blood using the same 60mL syringe
- Gently swirl syringe to mix blood and ACD-A
- Connect the syringe to the patient's ProGen Centrepid
- Gently fill the 50mL of blood and ACD-A into the patient's 1st ProGen Centrepid
- Using **NEW** 60mL syringe and **NEW** needle, repeat this procedure to fill patient's 2nd ProGen Centrepid

STEP 2

- Both ProGen Centrepids should be equally filled to counter balance each other
- Spin for 5 minutes 3,200 RPM & brake setting “5” on ELM1 (*Drucker, see **)
TIP: If separation is not clearly defined, spin for an additional 5 minutes

STEP 3

- Remove ProGen Centrepids from centrifuge and confirm cap is in the RBC position
- Determine the level of the visible buffy coat. Using 60mL syringe, aspirate all contents 3mL below the buffy coat. (ex: If your buffy coat is at 25mL level you will aspirate 22mL of RBC's)
- Using the same 60mL syringe, repeat for second ProGen Centrepid
- Cap and dispose of the syringes containing RBC's using standard biohazard practices

STEP 4

- Confirm both ProGen Centrepid volumes are equal
- Place into centrifuge to counter balance each other
- Spin for 8 minutes 3,200 RPM & brake setting “5” on ELM1 (*Drucker, see **)

STEP 5

- Remove ProGen Centrepids from centrifuge and confirm caps are in the PPP position
- Using 30mL syringe, aspirate 2x PRP until air bubbles appear in the center tube on both ProGen Centrepids
- Cap and set aside
- Using additional 30mL syringe, repeat the aspiration for the second ProGen Centrepid

STEP 6

- Set ProGen Centrepid cap to RBC position
- Gently swirl remaining contents (PRP) in ProGen Centrepids then aspirate into 20mL syringe
- The 5x PRP is ready for use

C

ProGen PRP™

Versa

ONE SPIN 25ML DRAW QUICK START

- ✓ 25mL whole blood draw
- ✓ 5mL ACD-A
- ✓ 1 Spin 2.5 minutes
- ✓ Up to 10mL 2x PRP

* If using Drucker please turn brake setting to “2” and set speed to 3,300 RPM. Use adaptor BELL-22000.

BEST PRACTICES:

- **DO NOT USE WITHOUT ADAPTORS PROVIDED.**
- Before using supplied syringes prime and collapse all syringes to break seal to improve ease of use.
- Before spinning, wipe the cap valve area of the ProGen PRP Versa with alcohol wipe.
- Always maintain vertical position of ProGen Centrepid.
- Always place female cap on used syringes to prevent contents from being accidentally discharged.
- Always dispose of syringes using standard biohazard practices. Do not dispose in Sharps container.

This is not the IFU. Please refer to the IFU provided with every kit.

INTENDED USE:

The ProGen™ PC Kit is indicated for the rapid preparation of autologous Platelet-Rich Plasma (PRP) from a small sample of blood at the patient's point of care. The PRP is mixed with autograft/or allograft bone prior to the application to a bony defect for improving handling characteristics of the graft.

STEP 1

- Draw 5mL of ACD-A in the supplied 60mL syringe
- Draw 25mL of patient's blood using the same 60mL syringe
- Gently swirl syringe to mix blood and ACD-A
- Ensure ProGen Centrepid™ cap to RBC position
- Connect the syringe to the patient's ProGen Centrepid
- Gently fill the 30mL of blood and ACD-A into the patient's ProGen Centrepid

STEP 2

- Create a counter balance using the second ProGen device and fill with 30mL of water
- Set ProGen Centrepid cap to RBC position
- Spin 2 minutes 3,200 RPM & brake setting “5” on ELMI (Drucker, see *)
TIP: If separation is not clearly defined, spin for an additional 2 minutes

STEP 3

- Remove ProGen Centrepid from centrifuge and confirm cap is in the RBC position
- Using a 30mL syringe aspirate RBC's until the top of the visible buffy coat reaches below the 5mL level
- Cap and dispose of the syringe containing RBC's using standard biohazard practice
TIP: to lower the RBC content, spin for additional 60 seconds @ 3,200 RPM & brake setting “5”

STEP 4

- Confirm cap is in the PPP position
- Aspirate 10mL 2x PRP into 20mL syringe
- The 2x PRP is ready for use