

# nSTRIDE™ Autologous Protein Solution

## Processing Steps



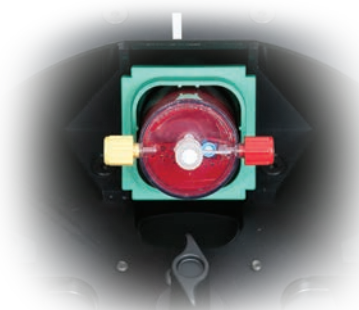
### 1 Blood Draw

Attach 18 gauge needle to 60 ml syringe. Withdraw 5 ml of ACD-A (citrate anticoagulant). Prime apheresis needle with anticoagulant. Then slowly draw 55 ml of blood into the syringe. Gently mix anticoagulant with blood in syringe.



### 2 Load nSTRIDE Cell Separator

Unscrew cap on center top port (No. 1) of the nSTRIDE Cell Separator and discard green packaging post. Slowly load blood into center port. Remove syringe and attach tethered cap to the top port.



### 3 Balance

Push Open/Stop button on control of the centrifuge panel. The “unlocked” indicator will illuminate. Turn latch counterclockwise to open lid. Place tube into centrifuge. Be sure the centrifuge is balanced with an appropriate counterbalance or second full separator tube.



### 4 Spin

Close lid by rotating the lid latch clockwise. “Latched” indicator will illuminate. Set speed to 3200 RPM and time to 15 minutes. Press green start button. Once spin is complete the centrifuge will be unlocked. If one waits too long, one will need to press red button to illuminate “Unlocked” indicator. Twist latch counterclockwise to open lid.



### 5 Plasma Extraction

Remove yellow cap on side port (No. 2) and connect 30 ml syringe. Slowly tilt tube and withdraw plasma. Replace yellow cap.



### 6 Cell Suspension and Extraction

Remove red cap on side port (No. 3) and connect 10 ml syringe. Withdraw 2 ml of cell suspension.



### 7 Load nSTRIDE Concentrator

Unscrew yellow cap (port No. 1) on nSTRIDE Concentrator and fill with cell suspension from 10 ml syringe. Remove 10 ml syringe and attach tethered cap on port 1.



### 8 Spin

Place nSTRIDE Concentrator into centrifuge. Balance centrifuge with appropriate counterbalance or second full autologous protein solution nSTRIDE concentrator tube.



Spin for 2 minutes at 2000 RPM.



### 9 Extract APS

Unscrew red cap (port No. 2) and connect sterile 10 ml syringe. Extract autologous protein solution (approximately 2-3 ml).

This publication and all content, artwork, photographs, names, logos and marks contained within are protected by copyright, trademarks and other intellectual property rights owned by or licensed to Zimmer Biomet or its affiliates. This material is intended for the sole use and benefit of the Zimmer Biomet sales force and physicians. It is not to be redistributed, duplicated or disclosed without the express written consent of Zimmer Biomet. Use for any other purposes is prohibited. For product information, including indications, contraindications, warnings, precautions and potential adverse effects, see the package insert.

Intended for use outside USA only. Indications for use of products and/or therapies contained herein may not be cleared/approved for use by the U.S. Food and Drug Administration.

Not for distribution in France.



0537.1-EMEA-en-REV0316

Responsible Manufacturer  
Zimmer Biomet  
P.O. Box 587  
56 E. Bell Drive  
Warsaw, Indiana 46581-0587  
USA

www.zimmerbiomet.com

European Representative  
Zimmer Biomet  
Waterton Industrial Estate  
Bridgend, South Wales  
CF31 3XA  
UK

