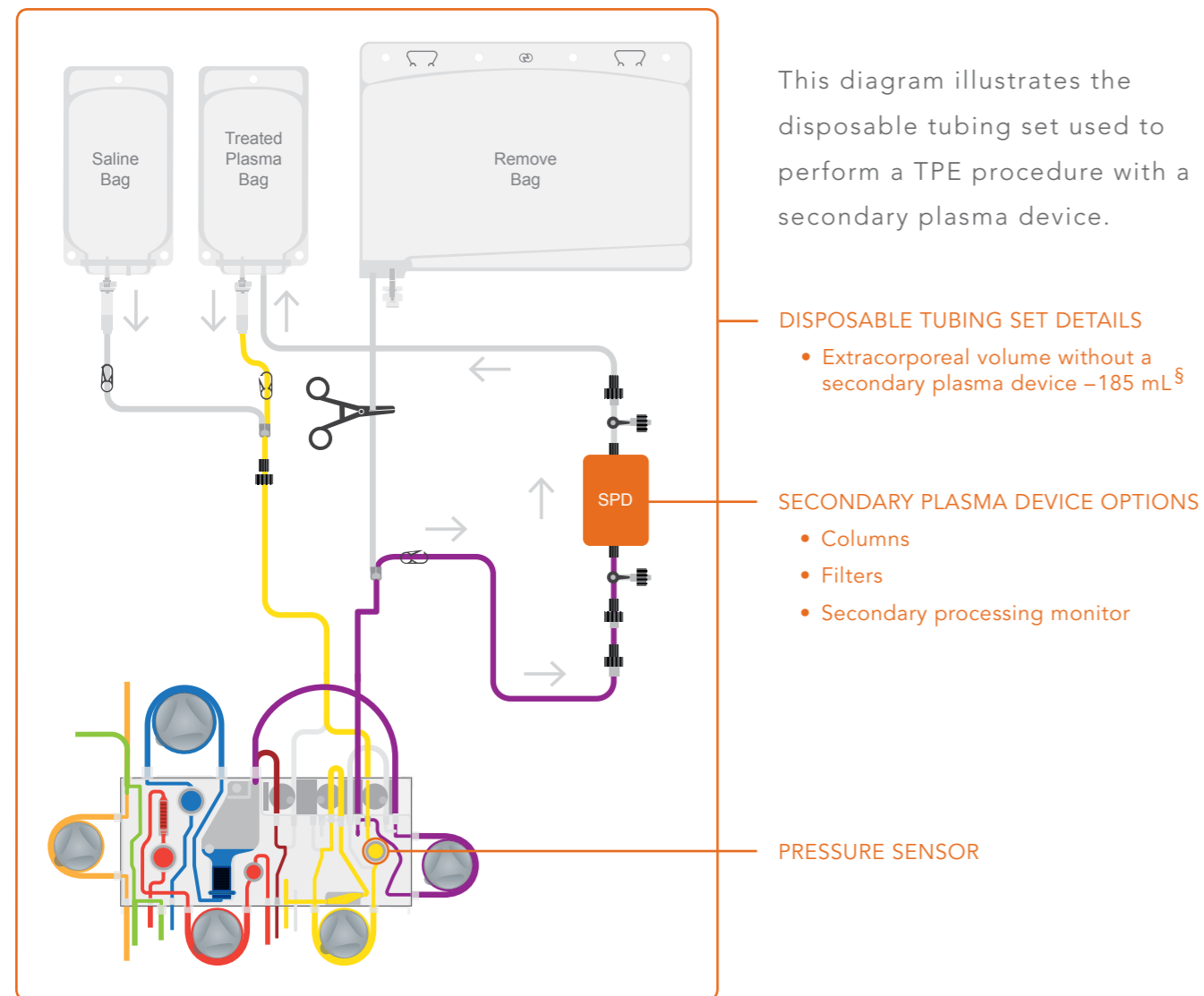




## Spectra Optia<sup>®</sup> APHERESIS SYSTEM

THERAPEUTIC PLASMA EXCHANGE (TPE) WITH A SECONDARY PLASMA DEVICE (SPD)



## THE SUPPORT YOU EXPECT

CaridianBCT stands behind the Spectra Optia system with experienced therapeutic apheresis and cell therapy clinical and technical support.

### Sales inquiries

For more information on the secondary plasma device protocol or about the Spectra Optia system, simply contact your CaridianBCT representative.

Not for distribution in the United States and Canada

<sup>§</sup> The extracorporeal volume is the total volume within the disposable tubing set fluid path. It equals the amount of saline required to completely fill the disposable tubing set. Volume within the collection, saline, waste and/or replacement tubing is not included.

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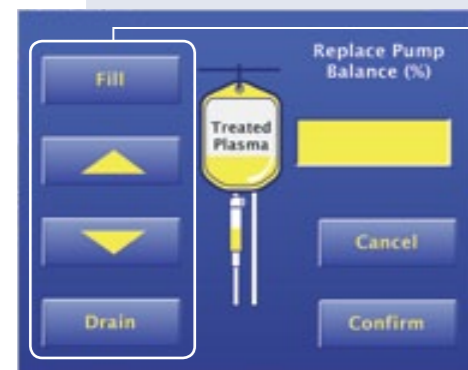
Advancing Therapeutic Apheresis and  
Cell Therapy to the Next Level of Patient Care

# TPE WITH A SECONDARY PLASMA DEVICE

## using the Spectra Optia system

By connecting secondary plasma devices\* to the Spectra Optia system, operators can process patients' plasma through columns, filters and secondary processing systems. In addition to protocol versatility and the reliable performance the Spectra Optia system is known for, intuitive touch screens guide operators through each step of the procedure.

- Adjustable plasma flow rates can accommodate a range of secondary plasma devices\*\*
- Automated pressure monitoring to the secondary plasma device provides pressure information in actual time
- Validated TPE procedure on the Spectra Optia system provides an optimized product for secondary processing with a plasma removal efficiency of 87% ±3<sup>†</sup>
- Ability to pause the system provides flexibility, enabling more focus on the patient and the device



TREATED PLASMA CONTROL

- Innovative controls simplify the balance of plasma and replace pumps, regulating the return of treated plasma



## Reliable performance

The Spectra Optia system features robust technology that delivers consistent, predictable results. The same can be said for performing TPE with a secondary plasma device.

\*Secondary plasma devices may be used with flow rates from 10 mL/min to 100 mL/min on the Spectra Optia system.

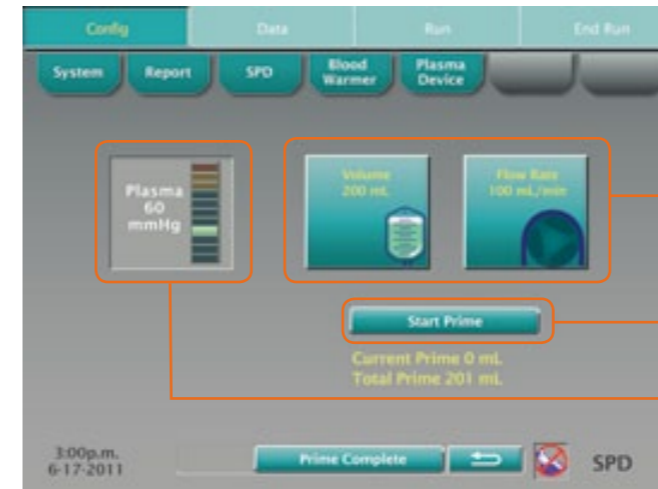
\*\*Check secondary plasma device specifications for requirements.

<sup>†</sup> Tormey CA, et al. "Improved Plasma Removal Efficiency for Therapeutic Plasma Exchange Using a New Apheresis Platform." *Transfusion* 2010; 50(2): 471-477.

# HOW IT WORKS

The intuitive touch screens of the Spectra Optia system guide operators through each step of the procedure. Examples below demonstrate the ease of monitoring and controlling settings throughout procedures.

## SECONDARY PLASMA DEVICE PRIME



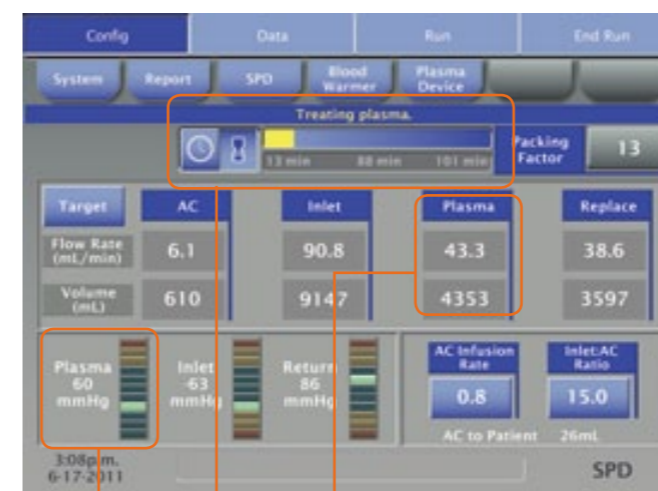
Operator Entered:

- Prime volume
- Flow rate

System allows priming in multiple stages as required by SPD

System continuously monitors pressure to the SPD

## MAIN RUN

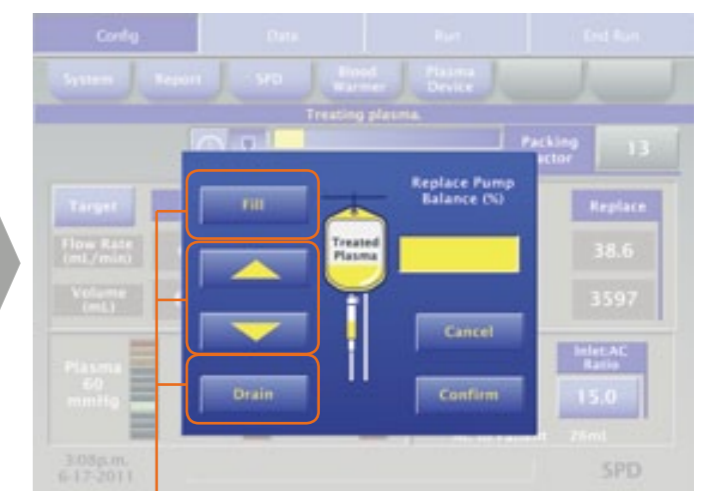


Treated plasma target flow rate and volumes

Procedure time

System continuously monitors pressure to the SPD

## TREATED PLASMA CONTROL



Fill button automatically adds 25 mL

Arrow buttons manually adjust the plasma level by any amount

Drain button automatically removes 25 mL