



BONE MARROW PROCESSING

ADVANCING THERAPEUTIC APHERESIS AND CELL COLLECTIONS TO THE NEXT LEVEL OF PATIENT CARE

TERUMOBCT
Unlocking the Potential of Blood

SPECTRA OPTIA® APHERESIS SYSTEM

Bringing ease of use to bone marrow processing procedures

The Spectra Optia system helps simplify the bone marrow processing (BMP) procedure through on-screen guidance and a single-bag approach. With a minimal amount of interaction needed throughout the procedure, you can perform other tasks while the system processes the bone marrow in under 90 minutes.

PROCEDURE AND SYSTEM HIGHLIGHTS

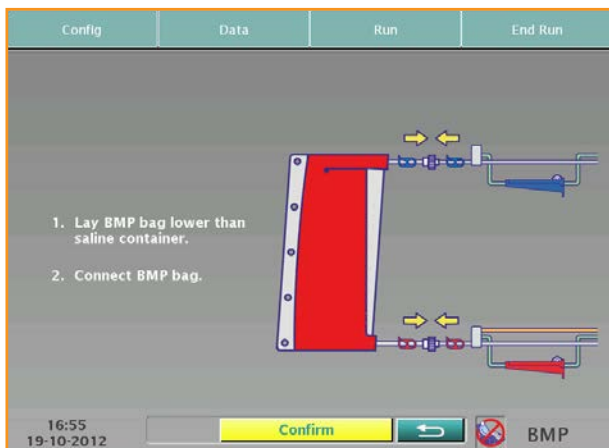
| | |
|---|--|
| Minimal required interactions | Streamlines procedure with a single-bag approach Requires less operator supervision, as the system continuously monitors and adjusts the interface Minimizes memorization and simplifies training |
| Consistent results | Automated interface management (AIM) system is designed to produce consistent results through interface stability Performs red blood cell (RBC) reduction greater than 97 percent* Provides volume reduction greater than 90 percent, producing a final product volume under 200 mL* |
| Intuitive graphical user interface (GUI) | Streamlines your procedure management with on-screen instructions and touch-screen data entry |
| Procedural flexibility | Provides you with control over parameters to meet your target processing outcomes |
| Large, durable wheels on pivoting casters | Makes maneuvering the system throughout your facility easy |

*Data on file



How it Works

The GUI guides you through each step of the procedure. The examples below demonstrate the ease of monitoring and controlling the settings throughout a procedure.



BMP CONNECTION SCREEN

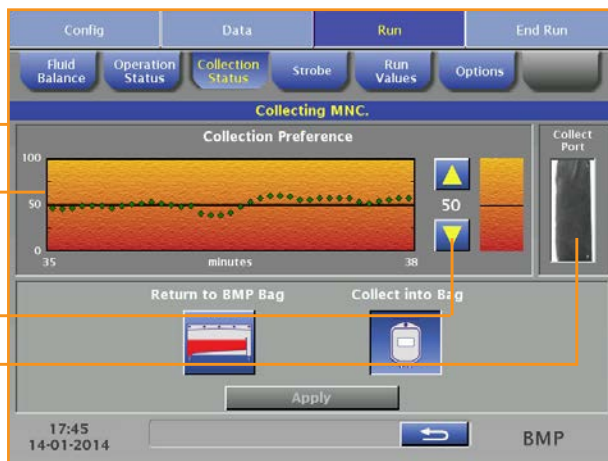
The system guides you through connecting the single BMP bag to the inlet and return line on the IDL set.

COLLECTION STATUS SCREEN

Continuously compares how the system is collecting cells with the target collection preference

Gives you the ability to adjust your collection preference

Displays an image of the collect port throughout your collection procedure



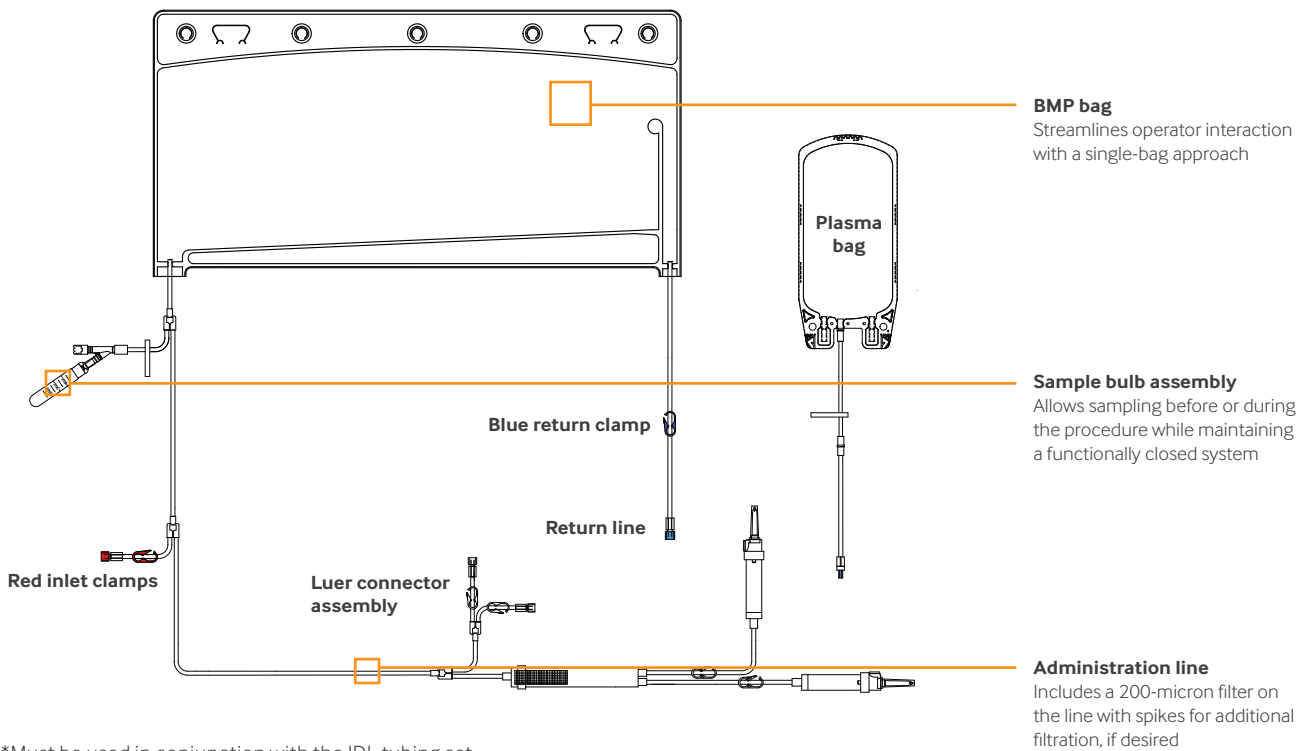
RUN TARGET SCREEN

Once your run targets are attained, the system sounds a tone and displays the target and current values. Yellow frames around a current value make it immediately apparent which run targets were attained.

| | Target | Current |
|---------------------|--------|---------|
| BM Processed (mL) | 6000 | 6000 |
| BM Cycles | 4.0 | 4.0 |
| Collection Bag (mL) | 100 | 100 |
| Plasma Bag (mL) | 100 | 100 |



BMP ACCESSORY SET**



**Must be used in conjunction with the IDL tubing set.

| | |
|------------------------|--|
| Compact packaging | Minimizes the space required for storage |
| Color-coded components | Simplify setup and operation |

Working with You

Each and every interaction we have with you is important. By fostering open and ongoing relationships, we bring more value to you and the patients we are all focused on serving.

Even after the technology is in place, we continue to serve you with:

- Education and training
- Technical support
- Clinical and scientific support
- Customer support
- User groups and professional network

TERUMOBCT

Terumo BCT is a global leader in blood component, therapeutic apheresis and cellular technologies. We believe in the potential of blood to do even more for patients than it does today. This belief inspires our innovation and strengthens our collaboration with customers.

UNLOCKING THE POTENTIAL OF BLOOD | TERUMOBCT.COM

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