Bone Marrow Processing

Advancing therapeutic apheresis and cell collections



TERUMO BLOOD AND CELL TECHNOLOGIES

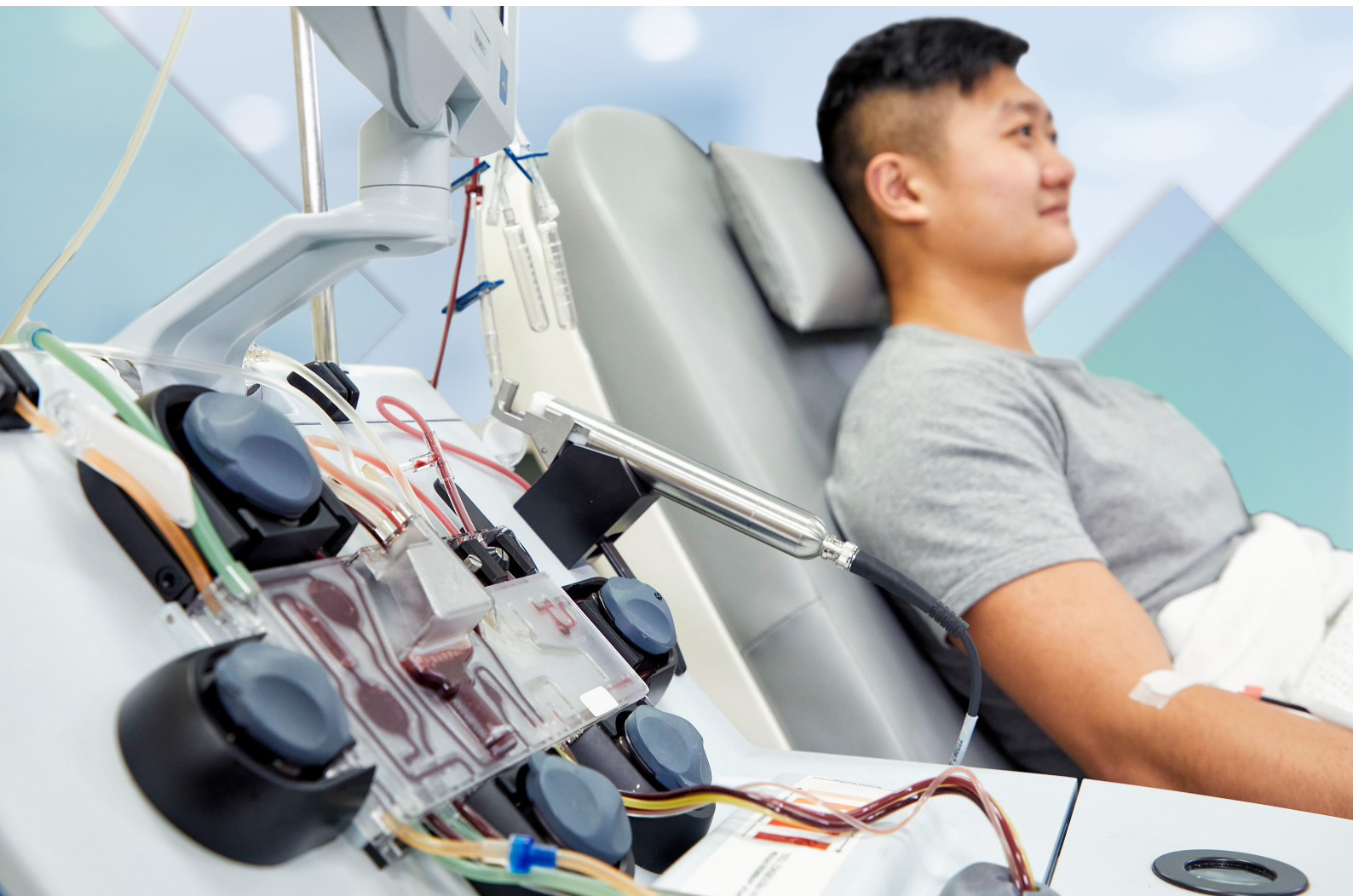
Bringing ease of use to bone marrow processing procedures

The Spectra Optia™ Apheresis 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

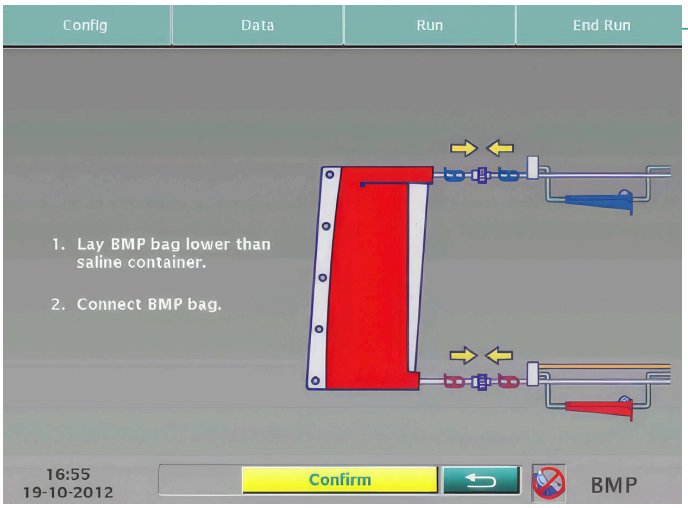
Minimal required interactions	■ Streamlines procedures with a single-bag approach ■ Requires minimal operator supervision, as the system continuously monitors and adjusts the interface ■ Minimizes memorization and simplifies training
Consistent results	■ The Automated Interface Management (AIM™) System is designed to produce consistent results through interface stability ■ Performs red blood cell (RBC) reduction greater than 97%* ■ Provides volume reduction greater than 90%, producing a final product volume under 200 mL*
Intuitive touch screen	Streamlines your procedure management with on-screen instructions and data entry
Procedural flexibility	Lets you control parameters to meet your target processing outcomes
Large, durable wheels on pivoting casters	Allow you to position the system

*Validation report on file at Terumo Blood and Cell Technologies.



How it works

The touch screen 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

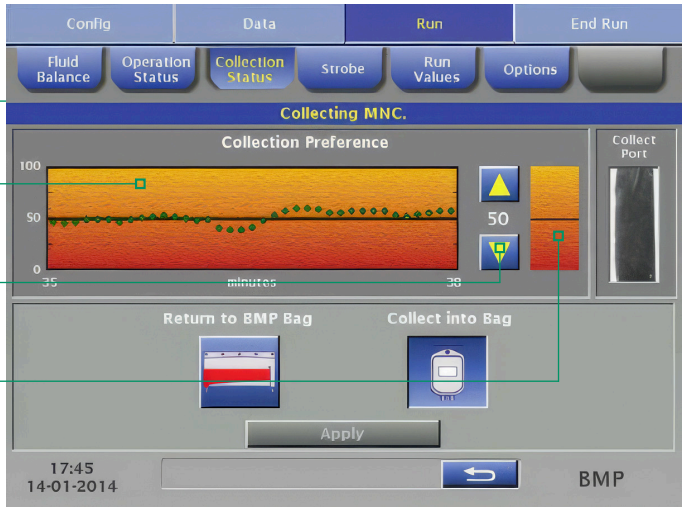
The touch screen guides you through connecting the single BMP bag to the inlet and return line on the Spectra Optia™ IDL Set.

Collection status screen

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

Allows you to adjust your collection preference

Displays an image of the collect port throughout collection

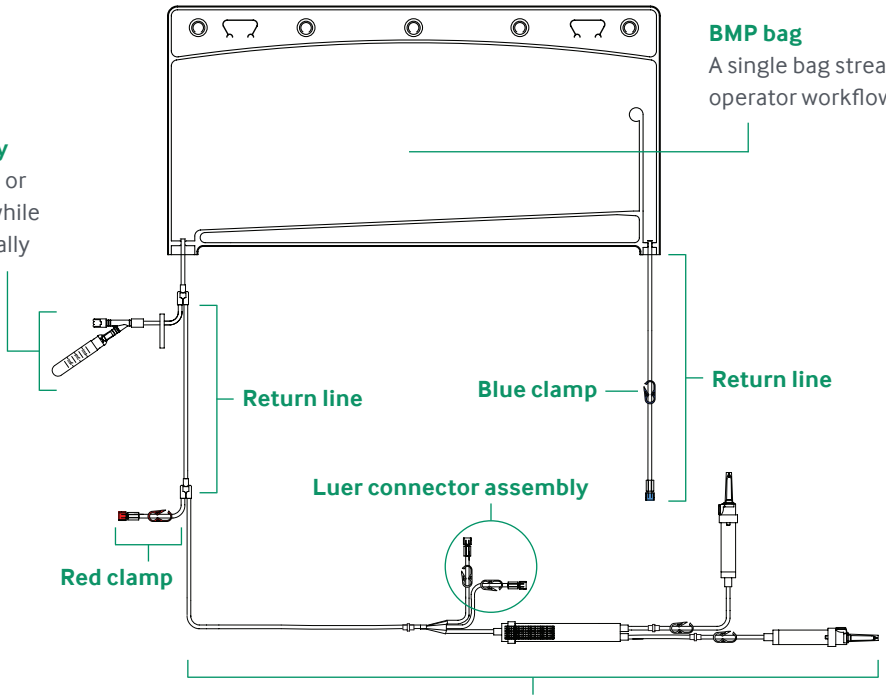




Run target screen

Once your run targets are attained, the system sounds a tone and displays the target and current values. A yellow frame around each current value makes it immediately apparent which run targets were attained.

Spectra Optia™ BMP Accessory Set*



Color-coded components simplify setup and operation, and compact packaging minimizes storage space.

*Must be used in conjunction with the Spectra Optia IDL Set.

Working with you

Every interaction we have with you is important. Our goal is to optimize results for patients, fostering open and ongoing relationships.

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 networks

Products and services are available in selected areas subject to regulatory approval in each country.

All brand names are trademarks or registered trademarks owned by Terumo Corporation, its affiliates, or unrelated third parties.
See TerumoBCT.com/Trademarks for details.

TERUMO BLOOD AND CELL TECHNOLOGIES

Terumo Blood and Cell Technologies is a medical technology company. Our products, software, and services enable customers to collect and prepare blood and cells to help treat challenging diseases and conditions. Our employees around the world believe in the potential of blood and cells to do even more for patients than they do today. **TerumoBCT.com**

Terumo BCT, Inc.
Lakewood, CO, USA
+1.303.231.4357

Terumo BCT Europe N.V.
Zaventem, Belgium
+32.2.715.0590

Terumo BCT Asia Pte. Ltd.
Singapore
+65.6715.3778

Terumo BCT Latin America S.A.
Buenos Aires, Argentina
+54.11.5530.5200

Terumo BCT Japan, Inc.
Tokyo, Japan
+81.3.6743.7890

©2023-2026 Terumo BCT, Inc. TS-OPTI-01590