



RED BLOOD CELL EXCHANGE

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

TERUMOBCT
Unlocking the Potential of Blood



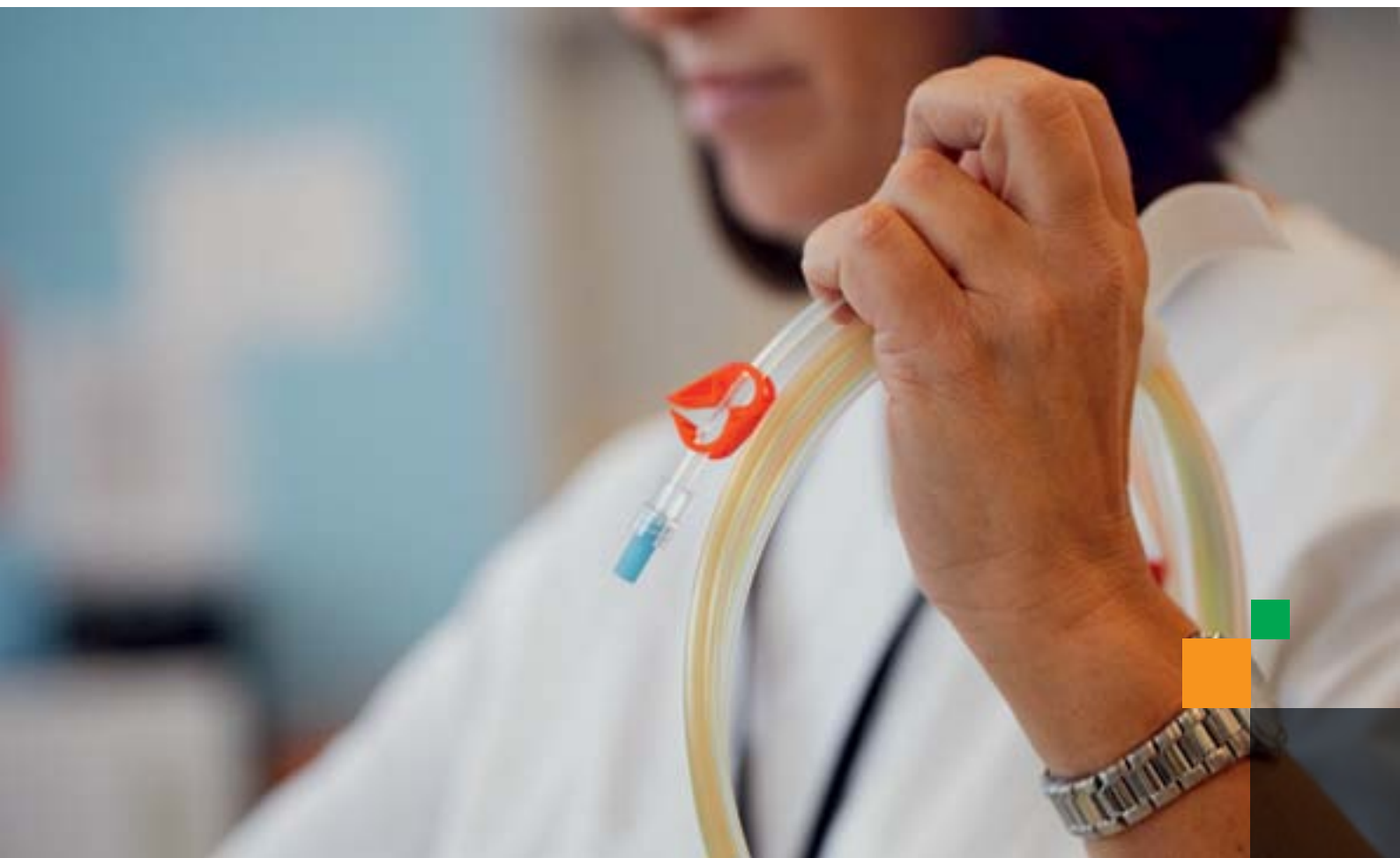
SPECTRA OPTIA® APHERESIS SYSTEM

Giving you procedural flexibility

The Spectra Optia system gives you the flexibility to perform multiple types of red blood cell exchange (RBCX) procedures. In addition to performing exchanges and depletions, it is the only system on the market that enables you to perform a combined depletion/exchange procedure. In addition, every RBCX procedure can be tailored to your specific patients' needs.

PROCEDURE AND SYSTEM HIGHLIGHTS

Intuitive graphical user interface	Guides you through the RBCX procedure and automates the calculations Streamlines your procedure management with touch-screen instructions, simple data entry and procedure monitoring
Custom prime option	Clearly defined sequence that differentiates priming from the run targets
Flexible system	Gives you a choice of three procedures: exchanges, depletions and depletion/exchanges Helps you customize each procedure to meet individual patient needs Versatile software is designed for a wide range of device interaction preferences and operator skill levels
Procedural automation	Enables you to spend more time with patients
Large, durable wheels on pivoting casters	Makes maneuvering the system easy
Convenient data management	Stores procedure data to export or print Helps you minimize manual data transcription and address regulatory requirements



How it Works

With the Spectra Optia system, you get helpful guidance through each step. The examples below illustrate the ease of setting up and running an RBCX procedure.



PROCEDURE TYPE SCREEN

From this screen you can select the RBCX procedure type—exchange, depletion/exchange or depletion.

MAIN RUN SCREEN

Throughout your procedure, you can easily monitor progress and make modifications.

Anticoagulation (AC) infusion rate can easily be monitored and modified throughout the procedure.



RUN VALUES SCREEN

From this screen you enter the target fraction of cells remaining percentage (FCR%) or replacement fluid volume and the system will complete the other value.

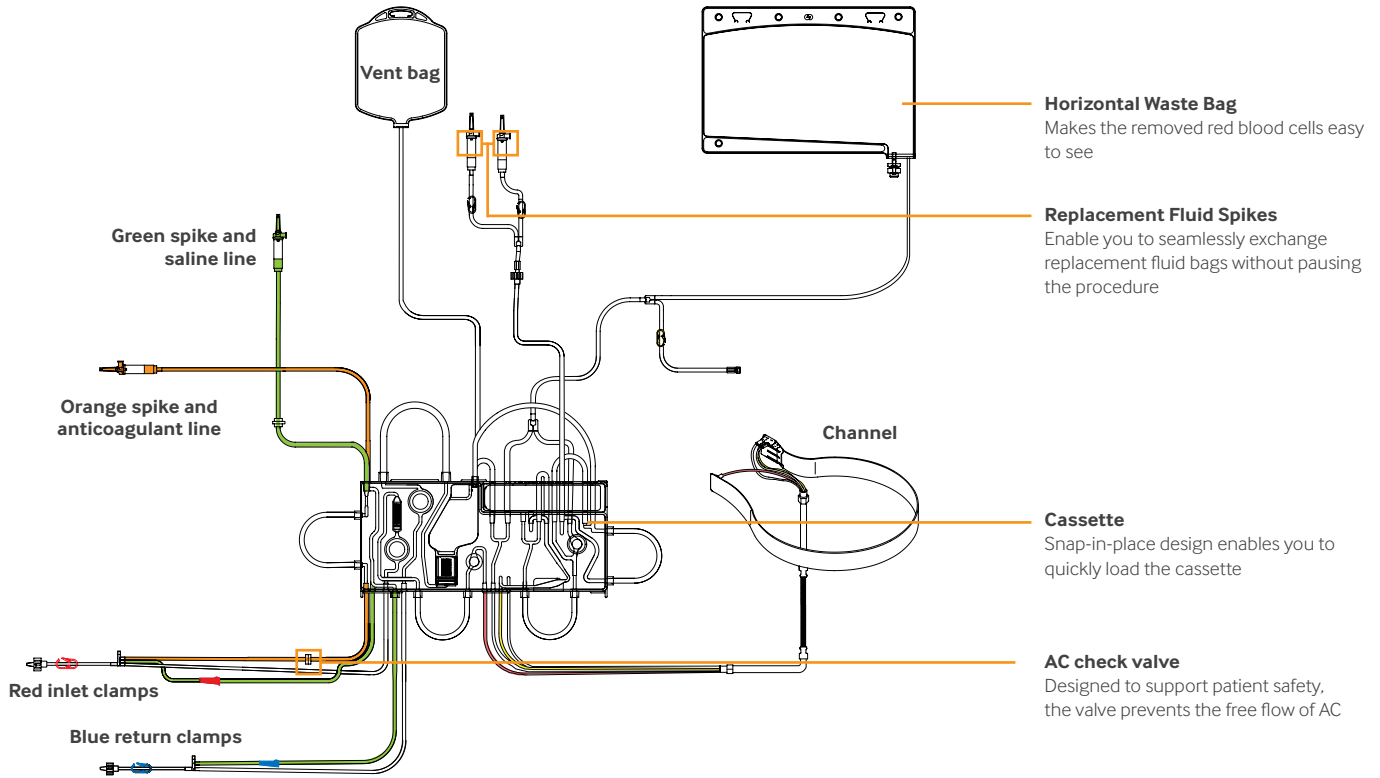
TIME COMPARISON¹

	Spectra Optia® Apheresis System	COBE® Spectra Apheresis System
Loading ²	3 minutes	4 minutes
Priming	8 minutes	12 minutes
Total setup	11 minutes	16 minutes
Time savings	5 minutes	

¹ Timing study based on internal laboratory time studies using highly trained operators. All times are approximate and results may vary depending on operator experience. Actual procedure run time is not included in this summary due to dependency on patient and procedure parameters. Data on file.

² Time includes unpacking coils, bags, snapping on cassette or cartridge, threading lines into valves, pressure sensors, air chamber, connecting fluids, loading fluid detectors, unpacking and loading channel and loop.

EXCHANGE SET



Low volume tubing set (Maximum ECV* = 185mL)	Accommodates smaller patients and supports patient comfort and safety
Single set, multiple protocols	Performs RBCX procedures on the same tubing set used for therapeutic plasma exchange
Compact packaging	Minimizes the space required for storage
Color-coded components	Simplifies setup and operation

*Maximum ECV with reservoir filled to high-level sensor (maximum occurs under certain infrequent alarm conditions)

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're all focused on serving.

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

- Education and training
- Customer support
- Technical support
- Users groups and professional networks
- Clinical and scientific support

Not for distribution in the U.S.

UNLOCKING THE POTENTIAL OF BLOOD | TERUMOBCT.COM

TERUMOBCT



For More Details Please Contact
0300-2144236
0346-2111120

Terumo BCT, Inc.

10811 West Collins Ave.
Lakewood, Colorado 80215-4440
USA

USA Phone: 1.877.339.4228
Phone: +1.303.231.4357
Fax: +1.303.542.5215

Terumo BCT Europe N.V.

Europe, Middle East and Africa
Ikaroslaan 41
1930 Zaventem
Belgium

Phone: +32.2.715.05.90
Fax: +32.2.721.07.70

Terumo BCT (Asia Pacific) Ltd.

Room 3903-3903A, 39/F
ACE Tower, Windsor House
311 Gloucester Road
Causeway Bay, Hong Kong

Phone: +852.2283.0700
Fax: +852.2576.1311

Terumo BCT Latin America S.A.

Juncal 1311 4th Floor
C1062ABO
Buenos Aires
Argentina

Phone: +54.11.5530.5200
Fax: +54.11.5530.5201

Terumo BCT Japan, Inc.

Ebisu South One Bldg. 9F
1-7-8, Ebisu-minami, Shibuya-ku
Tokyo 150-0022
Japan

Phone: +81.3.6743.7890
Fax: +81.3.6743.9800