

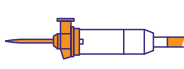





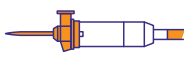





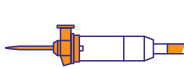





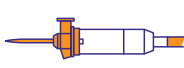





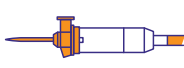







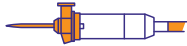





















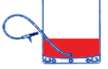

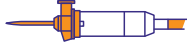

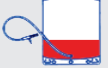




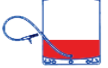

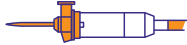





PROTOCOL OVERVIEW

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

PROCEDURE	SPECTRA OPTIA SET	SOFTWARE VERSION	FILLER	ANTICOAGULANT CONNECTOR	TYPICAL* ECV (mL)	MAXIMUM* ECV (mL)
Therapeutic plasma exchange (TPE)	Exchange Set Catalog no. 10220 	5 and higher	Standard filler Catalog no. 703292-004 		141	185
	Exchange Set Catalog no. 12220 	5 and higher	Standard filler Catalog no. 703292-004 	CORRECT CONNECT 	141	185
TPE with single-needle access	Exchange Set Catalog no. 10220 + Single-Needle Connector Catalog no. 11220 	6 and higher	Standard filler Catalog no. 703292-004 		185	185
	Exchange Set Catalog no. 12220 + Single-Needle Connector Catalog no. 11220 	6 and higher	Standard filler Catalog no. 703292-004 	CORRECT CONNECT 	185	185
TPE with a secondary plasma device (SPD)	Exchange Set Catalog no. 10220 	6 and higher	Standard filler Catalog no. 703292-004 		141	185
	Exchange Set Catalog no. 12220 	6 and higher	Standard filler Catalog no. 703292-004 	CORRECT CONNECT 	141	185
Red blood cell exchange (RBCX)	Exchange Set Catalog no. 10220 	5 and higher	Standard filler Catalog no. 703292-004 		141	185
	Exchange Set Catalog no. 12220 	5 and higher	Standard filler Catalog no. 703292-004 	CORRECT CONNECT 	141	185
Mononuclear cell (MNC) collection	Collection Set Catalog no. 10120 	8 and higher	Standard filler Catalog no. 703292-004 		147	191
	Collection Set Catalog no. 12120 	8 and higher	Standard filler Catalog no. 703292-004 	CORRECT CONNECT 	147	191

*Under normal operating conditions, the extra corporeal volume (ECV) does not exceed the typical ECV. Under certain infrequent alarm conditions, the ECV may momentarily increase to the maximum ECV unless the patient's total blood volume (TBV) is less than 750 mL. If the patient's TBV is less than 750 mL, the ECV does not exceed the typical ECV under any condition. ECV shown does not include the volume of the secondary plasma device used during the procedure.

Continued on back

PROCEDURE	SPECTRA OPTIA SET	SOFTWARE VERSION	FILLER	ANTICOAGULANT CONNECTOR	TYPICAL* ECV (mL)	MAXIMUM* ECV (mL)
Continuous mononuclear cell collection (CMNC)	IDL Set Catalog no. 10310 	11 and higher	IDL filler Catalog no. 703399-003 		253	297
	IDL Set Catalog no. 12320 	11 and higher	IDL filler Catalog no. 703399-003 	CORRECT CONNECT  	253	297
Granulocyte (PMN) collection	IDL Set Catalog no. 10310 	7 and higher	IDL filler Catalog no. 703399-003 		253	297
	IDL Set Catalog no. 12320 	7 and higher	IDL filler Catalog no. 703399-003 	CORRECT CONNECT  	253	297
Bone marrow processing (BMP)	IDL Set Catalog no. 10310 + BMP Accessory Set Catalog no. 11300  	9 and higher	Standard filler Catalog no. 703292-004 		141	185
	IDL Set Catalog no. 12320 + BMP Accessory Set Catalog no. 11300  	9 and higher	Standard filler Catalog no. 703292-004 	CORRECT CONNECT  	141	185
White blood cell depletion (WBCD)	IDL Set Catalog no. 10310 + Accessory Waste Bag Catalog no. 70040  	7 and higher	IDL filler Catalog no. 703399-003 		253	297
	IDL Set Catalog no. 12320 + Accessory Waste Bag Catalog no. 70040  	7 and higher	IDL filler Catalog no. 703399-003 	CORRECT CONNECT  	253	297
Platelet depletion (PLTD)	IDL Set Catalog no. 10310 + Accessory Waste Bag Catalog no. 70040  	7 and higher	IDL filler Catalog no. 703399-003 		253	297
	IDL Set Catalog no. 12320 + Accessory Waste Bag Catalog no. 70040  	7 and higher	IDL filler Catalog no. 703399-003 	CORRECT CONNECT  	253	297

*Under normal operating conditions, the extra corporeal volume (ECV) does not exceed the typical ECV. Under certain infrequent alarm conditions, the ECV may momentarily increase to the maximum ECV unless the patient's total blood volume (TBV) is less than 750 mL. If the patient's TBV is less than 750 mL, the ECV does not exceed the typical ECV under any condition. ECV shown does not include the volume of the secondary plasma device used during the procedure.

Protocol availability varies by country.

CONTACT YOUR TERUMO BCT REPRESENTATIVE FOR MORE INFORMATION.

TERUMOBCT

As 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.

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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 Pte. Ltd.

89 Science Park Drive
#04-25 (Lobby B)
The Rutherford
Singapore 118261
Phone: +65.6715.3778
Fax: +65.6774.1419

Terumo BCT Latin America S.A.

La Pampa 1517-12th Floor
C1428DZE
Buenos Aires
Argentina
Phone: +54.11.5530.5200
Fax: +54.11.5530.5201

Terumo BCT Japan, Inc.

20-14, 3-chome, Higashi Gotanda,
Shinagawa-ku,
Tokyo 141-0022
Japan
Phone: +81.3.6743.7890
Fax: +81.3.6743.9800