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TREO®

ABDOMINAL STENT-GRAFT SYSTEM

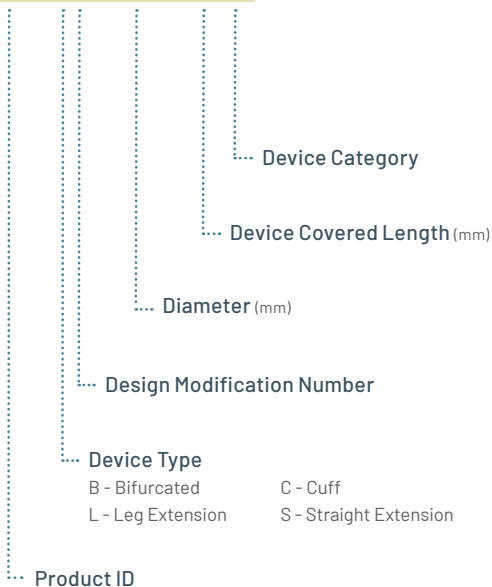
Indications for Use

The **TREO ABDOMINAL STENT-GRAFT SYSTEM** is indicated for use in the endovascular treatment of patients with infrarenal abdominal aortic and aorto-iliac aneurysms with the following characteristics:

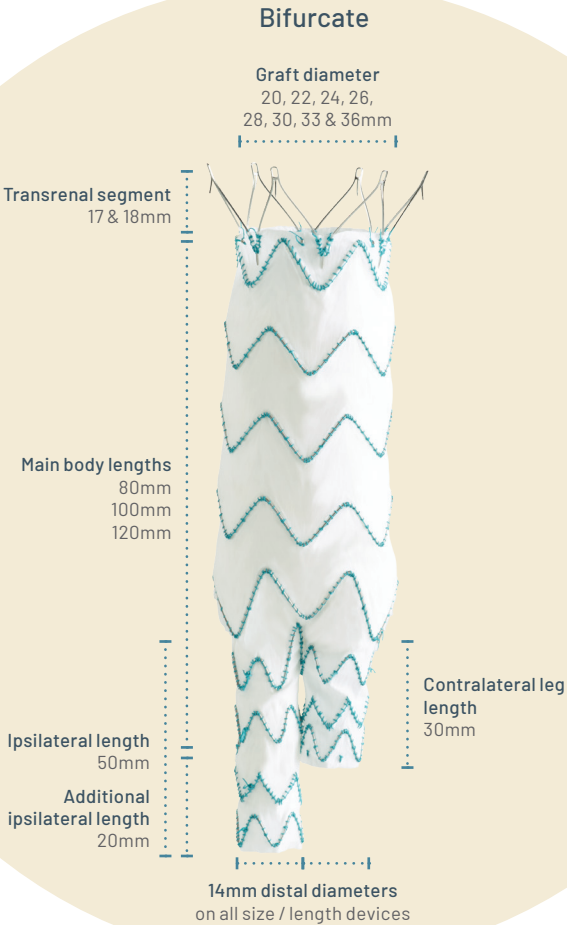
- ▶ Adequate iliac or femoral access compatible with the required delivery systems and accessories
- ▶ Proximal aortic landing zone with:
 - ▶ Infrarenal landing neck length of $\geq 15\text{mm}$
 - ▶ Aortic neck diameters $\geq 17\text{mm}$ and $\leq 32\text{mm}$
 - ▶ Suprarenal neck angle of ≤ 45 degrees
 - ▶ Infrarenal neck angle of ≤ 60 degrees
- ▶ Distal iliac landing zone with:
 - ▶ an inside diameter of $8\text{mm} - 13\text{mm}$ and a length of $\geq 10\text{mm}$ or
 - ▶ an inside diameter of $> 13\text{mm} - 20\text{mm}$ and a length of $\geq 15\text{mm}$
- ▶ Minimum overall AAA treatment length (proximal landing location to distal landing location) of 13cm
- ▶ Minimum overall length from the lowest renal artery to the aortic bifurcation of 9cm

Catalog Number

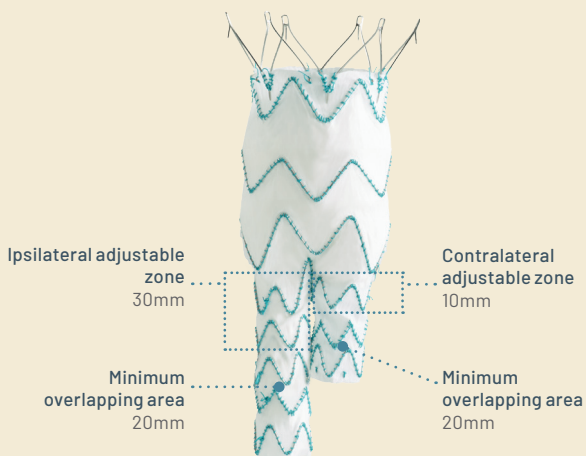
28 - B2 - 36 - 080U



TREO Sizing

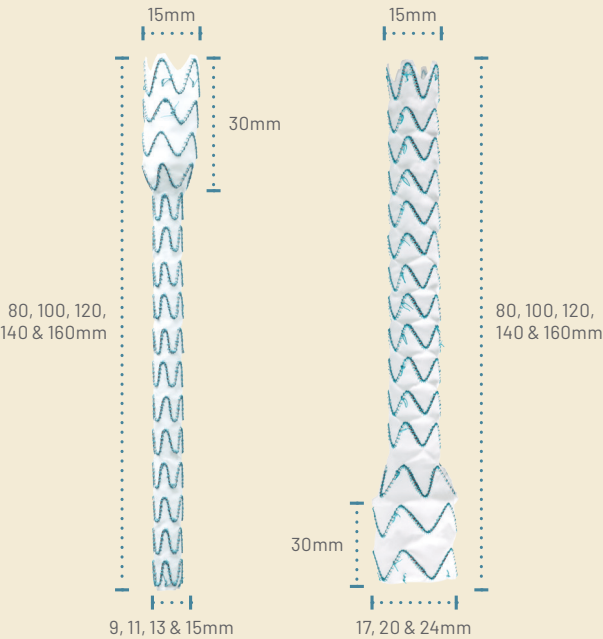


Bifurcate



TREO Sizing

Leg Extension



Cuff

Graft diameter
20, 22, 24, 26,
28, 30, 33 & 36mm

Transrenal segment
17 & 18mm

Lengths
40, 55 & 70mm

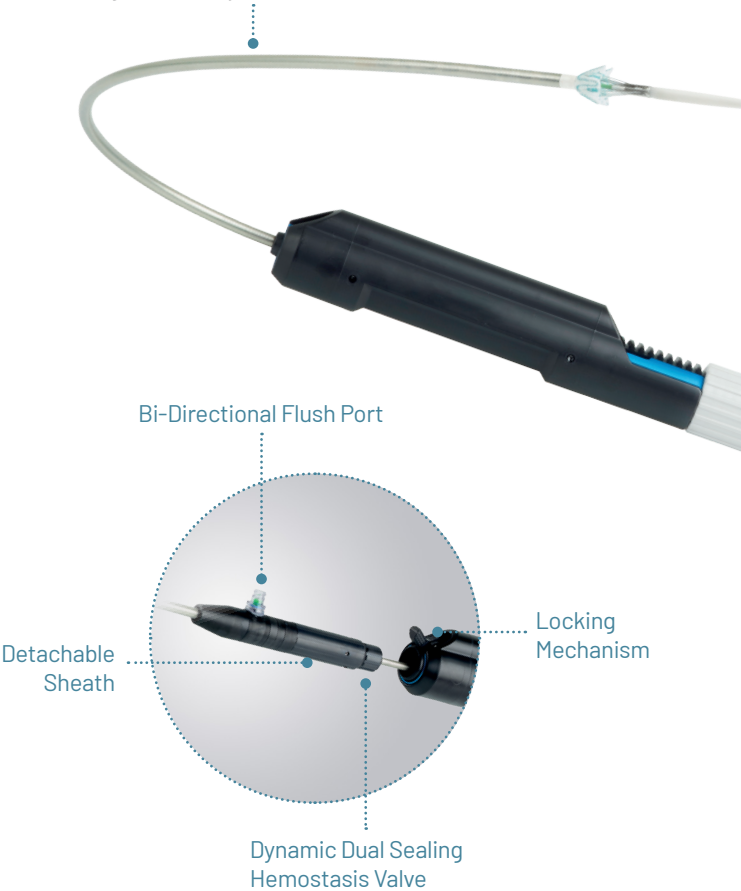


Delivery System

Low Profile Delivery System

Main body system: 18–19Fr, OD

Leg extension system: 13–14Fr, OD



Optimized Procedure

The TREO delivery system was designed for ease of use, improved confidence and reliable outcomes.

Controlled Deployment

Allows for precise delivery using intuitive mechanical advantage or quick pin and pull. Available on both legs and main body systems.



Clasp Release Mechanism

Intuitive mechanism releases proximal clasp.

Main Bifurcated Stent-Graft

Aortic Outer Diameter (Proximal Neck Angle $\leq 60^\circ$)	Proximal Landing Zone Minimum Length	Lowest Renal to Aortic Bifurcation Minimum Length	Proximal Diameter	Contralateral Length	Profile	Catalog Number
17-18	15	90	20	80	18Fr	28-B2-20-080U
	15	110	20	100	18Fr	28-B2-20-100U
	15	130	20	120	18Fr	28-B2-20-120U
18-19	15	90	22	80	18Fr	28-B2-22-080U
	15	110	22	100	18Fr	28-B2-22-100U
	15	130	22	120	18Fr	28-B2-22-120U
19-21	15	90	24	80	18Fr	28-B2-24-080U
	15	110	24	100	18Fr	28-B2-24-100U
	15	130	24	120	18Fr	28-B2-24-120U
21-23	15	90	26	80	18Fr	28-B2-26-080U
	15	110	26	100	18Fr	28-B2-26-100U
	15	130	26	120	18Fr	28-B2-26-120U
23-25	15	90	28	80	18Fr	28-B2-28-080U
	15	110	28	100	18Fr	28-B2-28-100U
	15	130	28	120	18Fr	28-B2-28-120U
25-27	15	90	30	80	19Fr	28-B2-30-080U
	15	110	30	100	19Fr	28-B2-30-100U
	15	130	30	120	19Fr	28-B2-30-120U
27-30	15	90	33	80	19Fr	28-B2-33-080U
	15	110	33	100	19Fr	28-B2-33-100U
	15	130	33	120	19Fr	28-B2-33-120U
30-32	15	90	36	80	19Fr	28-B2-36-080U
	15	110	36	100	19Fr	28-B2-36-100U
	15	130	36	120	19Fr	28-B2-36-120U

All measurements in mm unless otherwise specified.

Proximal Cuff Stent-Graft

Aortic Outer Diameter (Proximal Neck Angle $\leq 60^\circ$)	Proximal Landing Zone Minimum Length	Proximal and Distal Diameter	Covered Length	Profile	Catalog Number
17-18	15	20	40	18Fr	28-C2-20-040U
	15	20	55	18Fr	28-C2-20-055U
	15	20	70	18Fr	28-C2-20-070U
18-19	15	22	40	18Fr	28-C2-22-040U
	15	22	55	18Fr	28-C2-22-055U
	15	22	70	18Fr	28-C2-22-070U
19-21	15	24	40	18Fr	28-C2-24-040U
	15	24	55	18Fr	28-C2-24-055U
	15	24	70	18Fr	28-C2-24-070U
21-23	15	26	40	18Fr	28-C2-26-040U
	15	26	55	18Fr	28-C2-26-055U
	15	26	70	18Fr	28-C2-26-070U
23-25	15	28	40	18Fr	28-C2-28-040U
	15	28	55	18Fr	28-C2-28-055U
	15	28	70	18Fr	28-C2-28-070U
25-27	15	30	40	19Fr	28-C2-30-040U
	15	30	55	19Fr	28-C2-30-055U
	15	30	70	19Fr	28-C2-30-070U
27-30	15	33	40	19Fr	28-C2-33-040U
	15	33	55	19Fr	28-C2-33-055U
	15	33	70	19Fr	28-C2-33-070U
30-32	15	36	40	19Fr	28-C2-36-040U
	15	36	55	19Fr	28-C2-36-055U
	15	36	70	19Fr	28-C2-36-070U

All measurements in mm unless otherwise specified.

Leg Extension Stent-Graft

Iliac Inner Diameter	Iliac Landing Zone Minimum Length	Leg Extension Distal Diameter	Covered Length	Profile	Catalog Number
8	10	9	80	13Fr	28-L2-09-080U
	10	9	100	13Fr	28-L2-09-100U
	10	9	120	13Fr	28-L2-09-120U
	10	9	140	13Fr	28-L2-09-140U
	10	9	160	13Fr	28-L2-09-160U
9	10	11	80	13Fr	28-L2-11-080U
	10	11	100	13Fr	28-L2-11-100U
	10	11	120	13Fr	28-L2-11-120U
	10	11	140	13Fr	28-L2-11-140U
	10	11	160	13Fr	28-L2-11-160U
10-11	10	13	80	13Fr	28-L2-13-080U
	10	13	100	13Fr	28-L2-13-100U
	10	13	120	13Fr	28-L2-13-120U
	10	13	140	13Fr	28-L2-13-140U
	10	13	160	13Fr	28-L2-13-160U
12-13	10	15	80	13Fr	28-L2-15-080U
	10	15	100	13Fr	28-L2-15-100U
	10	15	120	13Fr	28-L2-15-120U
	10	15	140	13Fr	28-L2-15-140U
	10	15	160	13Fr	28-L2-15-160U
14-15	15	17	80	14Fr	28-L2-17-080U
	15	17	100	14Fr	28-L2-17-100U
	15	17	120	14Fr	28-L2-17-120U
	15	17	140	14Fr	28-L2-17-140U
	15	17	160	14Fr	28-L2-17-160U

All measurements in mm unless otherwise specified.

Leg Extension Stent-Graft

Iliac Inner Diameter	Iliac Landing Zone Minimum Length	Leg Extension Distal Diameter	Covered Length	Profile	Catalog Number
16-17	15	20	80	14Fr	28-L2-20-080U
	15	20	100	14Fr	28-L2-20-100U
	15	20	120	14Fr	28-L2-20-120U
	15	20	140	14Fr	28-L2-20-140U
	15	20	160	14Fr	28-L2-20-160U
18-20	15	24	80	14Fr	28-L2-24-080U
	15	24	100	14Fr	28-L2-24-100U
	15	24	120	14Fr	28-L2-24-120U
	15	24	140	14Fr	28-L2-24-140U
	15	24	160	14Fr	28-L2-24-160U

Straight Extension Stent-Graft

Iliac Inner Diameter	Iliac Landing Zone Minimum Length	Proximal and Distal Diameter	Covered Length	Profile	Catalog Reference
8	10	9	80	13Fr	28-S2-09-080U
9	10	11	80	13Fr	28-S2-11-080U
10-11	10	13	80	13Fr	28-S2-13-080U

All measurements in mm unless otherwise specified.

Notes

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RELAY[®] PRO

THORACIC STENT-GRAFT SYSTEM

Indications for Use

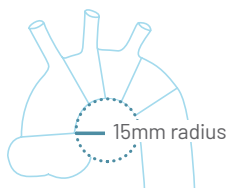
The **RelayPro Thoracic Stent-Graft System** is indicated for the endovascular repair of fusiform aneurysms and saccular aneurysms/penetrating atherosclerotic ulcers in the descending thoracic aorta in patients having appropriate anatomy, including:

- ▶ Iliac or femoral access vessel morphology that is compatible with vascular access techniques, devices, and/or accessories;
- ▶ Non-aneurysmal aortic neck diameter in the range of 20 – 42mm;
- ▶ Non-aneurysmal proximal and distal aortic neck lengths of:

Bare Stent			Non-Bare Stent		
Stent-Graft Diameter	Proximal Length	Distal Length	Stent-Graft Diameter	Proximal Length	Distal Length
24 – 28mm	15mm	25mm	24 – 38mm	25mm	25mm
30 – 38mm	20mm	25mm	40 – 46mm	30mm	30mm
40 – 46mm	25mm	30mm			

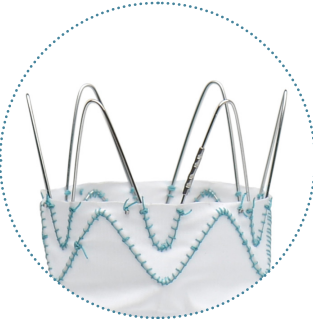
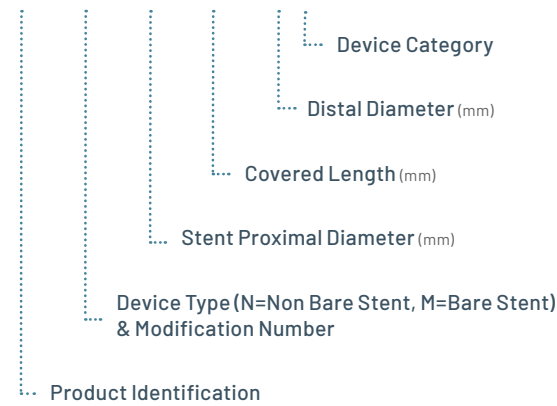
Inner Radius

The thoracic aorta presenting an inner radius of 15mm or greater.

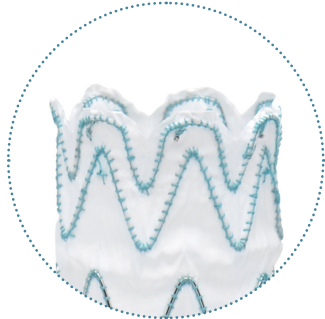


Catalog Number

28 - N4 - 34 - 154 - 22U



Bare Stent

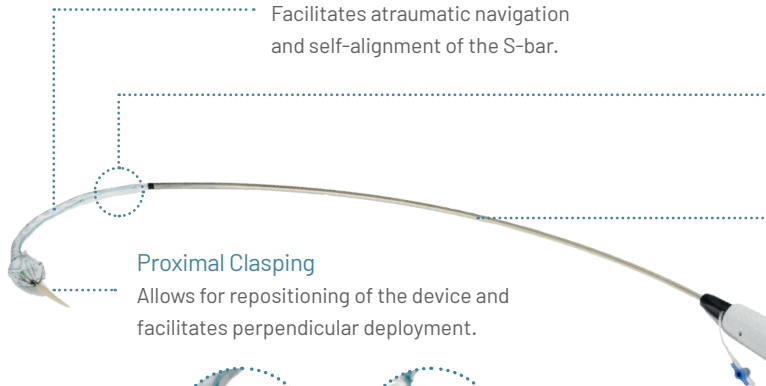


Non-Bare Stent

Delivery System

Flexible Nitinol Inner Catheter

Facilitates atraumatic navigation and self-alignment of the S-bar.



Proximal Clamping

Allows for repositioning of the device and facilitates perpendicular deployment.



Non-Bare Stent Configuration



Bare Stent Configuration

Bare Stent OD Fr Size Comparison

Aortic Diameter	20 - 21mm	26 - 27mm	32 - 33mm	41 - 42mm
RelayPro	19Fr	19Fr	20Fr	22Fr
Gore TAG ¹	22.5Fr	22.5Fr	24.9Fr	27.3Fr
Valiant Captivia ²	22Fr	22Fr	24Fr	25Fr
Cook Alpha ³	18Fr	18Fr	21.3Fr	23.1Fr

1. GORE TAG Conformable Thoracic Stent Graft and GORE DrySeal Sheath Instructions for Use
2. Valiant thoracic stent graft with the Captivia delivery system Instructions for Use
3. Zenith Alpha Thoracic Endovascular Graft Instructions for Use

Staged Deployment

Allows for the release of the stent's potential energy in phases, providing greater control and accuracy.

Coiled Outer Sheath

Provides stability and kink resistance while acting as a conduit for the inner sheath.

Disengagement Button

Designed for rapid advancement and deployment.

Apex Release Grip

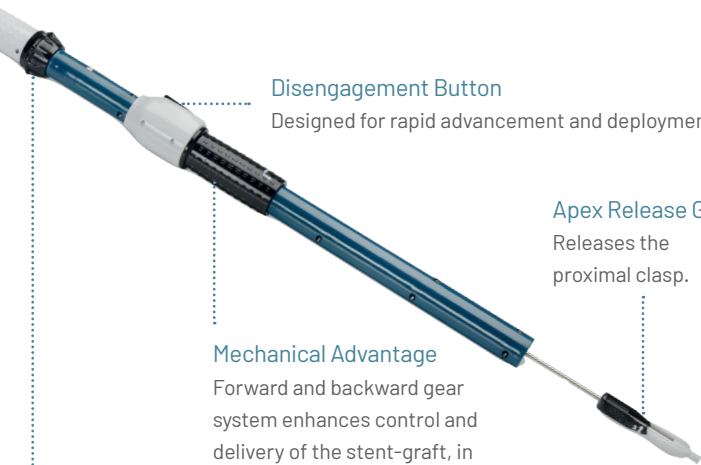
Releases the proximal clasp.

Mechanical Advantage

Forward and backward gear system enhances control and delivery of the stent-graft, in both directions.

Controller

A new controller position for improved ergonomics compared to RelayPlus.



Bare Stent: Straight

	Vessel	Stent-Graft		Delivery System	Catalog Number
	Thoracic Proximal Vessel Size	Proximal/Distal Diameter	Covered Length	Profile OD	
100mm	20-21	24	90	19Fr	28-M4-24-090-24U
	22-23	26	95	19Fr	28-M4-26-095-26U
	24-25	28	95	19Fr	28-M4-28-095-28U
	26-27	30	95	19Fr	28-M4-30-095-30U
	28-29	32	95	20Fr	28-M4-32-095-32U
	30-31	34	100	20Fr	28-M4-34-100-34U
	32-33	36	100	20Fr	28-M4-36-100-36U
	34	38	100	21Fr	28-M4-38-100-38U
	35-36	40	105	21Fr	28-M4-40-105-40U
	37-38	42	105	22Fr	28-M4-42-105-42U
	39-40	44	105	22Fr	28-M4-44-105-44U
	41-42	46	105	22Fr	28-M4-46-105-46U
150mm	20-21	24	150	19Fr	28-M4-24-150-24U
	22-23	26	155	19Fr	28-M4-26-155-26U
	24-25	28	155	19Fr	28-M4-28-155-28U
	26-27	30	155	19Fr	28-M4-30-155-30U
	28-29	32	155	20Fr	28-M4-32-155-32U
	30-31	34	145	20Fr	28-M4-34-145-34U
	32-33	36	145	20Fr	28-M4-36-145-36U
	34	38	145	21Fr	28-M4-38-145-38U
	35-36	40	145	21Fr	28-M4-40-145-40U
	37-38	42	150	22Fr	28-M4-42-150-42U
	39-40	44	155	22Fr	28-M4-44-155-44U
	41-42	46	155	22Fr	28-M4-46-155-46U

All measurements in mm unless otherwise specified.

Bare Stent: Straight

	Vessel	Stent-Graft		Delivery System	Catalog Number
	Thoracic Proximal Vessel Size	Proximal/ Distal Diameter	Covered Length	Profile OD	
200mm	20-21	24	190	19Fr	28-M4-24-190-24U
	22-23	26	195	19Fr	28-M4-26-195-26U
	24-25	28	195	19Fr	28-M4-28-195-28U
	26-27	30	200	19Fr	28-M4-30-200-30U
	28-29	32	200	20Fr	28-M4-32-200-32U
	30-31	34	200	20Fr	28-M4-34-200-34U
	32-33	36	190	20Fr	28-M4-36-190-36U
	34	38	190	21Fr	28-M4-38-190-38U
	35-36	40	195	21Fr	28-M4-40-195-40U
	37-38	42	195	22Fr	28-M4-42-195-42U
	39-40	44	200	22Fr	28-M4-44-200-44U
	41-42	46	200	22Fr	28-M4-46-200-46U
250mm	20-21	24	250	19Fr	28-M4-24-250-24U
	22-23	26	250	19Fr	28-M4-26-250-26U
	24-25	28	250	19Fr	28-M4-28-250-28U
	26-27	30	250	19Fr	28-M4-30-250-30U
	28-29	32	250	20Fr	28-M4-32-250-32U
	30-31	34	250	20Fr	28-M4-34-250-34U
	32-33	36	250	20Fr	28-M4-36-250-36U
	34	38	250	21Fr	28-M4-38-250-38U
	35-36	40	250	21Fr	28-M4-40-250-40U
	37-38	42	250	22Fr	28-M4-42-250-42U
	39-40	44	250	22Fr	28-M4-44-250-44U
	41-42	46	250	22Fr	28-M4-46-250-46U

All measurements in mm unless otherwise specified.

Bare Stent: Tapered

	Vessel		Stent-Graft		Delivery System	
	Proximal Diameter	Distal Diameter	Proximal/ Distal Diameter	Covered Length	Profile OD	Catalog Number
150mm	24-25	20-21	28/24	155	19Fr	28-M4-28-155-24U
	26-27	22-23	30/26	155	19Fr	28-M4-30-155-26U
	28-29	24-25	32/28	155	20Fr	28-M4-32-155-28U
	30-31	26-27	34/30	145	20Fr	28-M4-34-145-30U
	32-33	28-29	36/32	145	20Fr	28-M4-36-145-32U
	34	30-31	38/34	145	21Fr	28-M4-38-145-34U
	35-36	32-33	40/36	145	21Fr	28-M4-40-145-36U
	37-38	34	42/38	150	22Fr	28-M4-42-150-38U
	39-40	35-36	44/40	155	22Fr	28-M4-44-155-40U
	41-42	37-38	46/42	155	22Fr	28-M4-46-155-42U
200mm	24-25	20-21	28/24	195	19Fr	28-M4-28-195-24U
	26-27	22-23	30/26	200	19Fr	28-M4-30-200-26U
	28-29	24-25	32/28	200	20Fr	28-M4-32-200-28U
	30-31	26-27	34/30	200	20Fr	28-M4-34-200-30U
	32-33	28-29	36/32	190	20Fr	28-M4-36-190-32U
	34	30-31	38/34	190	21Fr	28-M4-38-190-34U
	35-36	32-33	40/36	195	21Fr	28-M4-40-195-36U
	37-38	34	42/38	195	22Fr	28-M4-42-195-38U
	39-40	35-36	44/40	200	22Fr	28-M4-44-200-40U
	41-42	37-38	46/42	200	22Fr	28-M4-46-200-42U
250mm	24-25	20-21	28/24	250	19Fr	28-M4-28-250-24U
	26-27	22-23	30/26	250	19Fr	28-M4-30-250-26U
	28-29	24-25	32/28	250	20Fr	28-M4-32-250-28U
	30-31	26-27	34/30	250	20Fr	28-M4-34-250-30U
	32-33	28-29	36/32	250	20Fr	28-M4-36-250-32U
	34	30-31	38/34	250	21Fr	28-M4-38-250-34U
	35-36	32-33	40/36	250	21Fr	28-M4-40-250-36U
	37-38	34	42/38	250	22Fr	28-M4-42-250-38U
	39-40	35-36	44/40	250	22Fr	28-M4-44-250-40U
	41-42	37-38	46/42	250	22Fr	28-M4-46-250-42U

All measurements in mm unless otherwise specified.

Non-Bare Stent: Straight

	Vessel	Stent-Graft		Delivery System	Catalog Number
	Thoracic Proximal Vessel Size	Proximal/ Distal Diameter	Covered Length	Profile OD	
100mm	20-21	24	99	19Fr	28-N4-24-099-24U
	22-23	26	104	19Fr	28-N4-26-104-26U
	24-25	28	104	20Fr	28-N4-28-104-28U
	26-27	30	104	20Fr	28-N4-30-104-30U
	28-29	32	104	21Fr	28-N4-32-104-32U
	30-31	34	109	21Fr	28-N4-34-109-34U
	32-33	36	109	22Fr	28-N4-36-109-36U
	34	38	109	22Fr	28-N4-38-109-38U
	35-36	40	114	22Fr	28-N4-40-114-40U
	37-38	42	114	23Fr	28-N4-42-114-42U
	39-40	44	114	23Fr	28-N4-44-114-44U
	41-42	46	114	23Fr	28-N4-46-114-46U
150mm	20-21	24	159	19Fr	28-N4-24-159-24U
	22-23	26	164	19Fr	28-N4-26-164-26U
	24-25	28	164	20Fr	28-N4-28-164-28U
	26-27	30	164	20Fr	28-N4-30-164-30U
	28-29	32	164	21Fr	28-N4-32-164-32U
	30-31	34	154	21Fr	28-N4-34-154-34U
	32-33	36	154	22Fr	28-N4-36-154-36U
	34	38	154	22Fr	28-N4-38-154-38U
	35-36	40	154	22Fr	28-N4-40-154-40U
	37-38	42	159	23Fr	28-N4-42-159-42U
	39-40	44	164	23Fr	28-N4-44-164-44U
	41-42	46	164	23Fr	28-N4-46-164-46U

All measurements in mm unless otherwise specified.

Non-Bare Stent: Straight

	Vessel	Stent-Graft		Delivery System	
	Thoracic Proximal Vessel Size	Proximal/Distal Diameter	Covered Length	Profile OD	Catalog Number
200mm	20-21	24	199	19Fr	28-N4-24-199-24U
	22-23	26	204	19Fr	28-N4-26-204-26U
	24-25	28	204	20Fr	28-N4-28-204-28U
	26-27	30	209	20Fr	28-N4-30-209-30U
	28-29	32	209	21Fr	28-N4-32-209-32U
	30-31	34	209	21Fr	28-N4-34-209-34U
	32-33	36	199	22Fr	28-N4-36-199-36U
	34	38	199	22Fr	28-N4-38-199-38U
	35-36	40	204	22Fr	28-N4-40-204-40U
	37-38	42	204	23Fr	28-N4-42-204-42U
	39-40	44	209	23Fr	28-N4-44-209-44U
	41-42	46	209	23Fr	28-N4-46-209-46U
250mm	20-21	24	259	19Fr	28-N4-24-259-24U
	22-23	26	259	19Fr	28-N4-26-259-26U
	24-25	28	259	20Fr	28-N4-28-259-28U
	26-27	30	259	20Fr	28-N4-30-259-30U
	28-29	32	259	21Fr	28-N4-32-259-32U
	30-31	34	259	21Fr	28-N4-34-259-34U
	32-33	36	259	22Fr	28-N4-36-259-36U
	34	38	259	22Fr	28-N4-38-259-38U
	35-36	40	259	22Fr	28-N4-40-259-40U
	37-38	42	259	23Fr	28-N4-42-259-42U
	39-40	44	259	23Fr	28-N4-44-259-44U
	41-42	46	259	23Fr	28-N4-46-259-46U

All measurements in mm unless otherwise specified.

Non-Bare Stent: Tapered

	Vessel		Stent-Graft		Delivery System	Catalog Number
	Proximal Diameter	Distal Diameter	Proximal/ Distal Diameter	Covered Length	Profile OD	
150mm	24-25	20-21	28/24	164	20Fr	28-N4-28-164-24U
	26-27	22-23	30/26	164	20Fr	28-N4-30-164-26U
	28-29	24-25	32/28	164	21Fr	28-N4-32-164-28U
	30-31	26-27	34/30	154	21Fr	28-N4-34-154-30U
	32-33	28-29	36/32	154	22Fr	28-N4-36-154-32U
	34	30-31	38/34	154	22Fr	28-N4-38-154-34U
	35-36	32-33	40/36	154	22Fr	28-N4-40-154-36U
	37-38	34	42/38	159	23Fr	28-N4-42-159-38U
	39-40	35-36	44/40	164	23Fr	28-N4-44-164-40U
	41-42	37-38	46/42	164	23Fr	28-N4-46-164-42U
200mm	24-25	20-21	28/24	204	20Fr	28-N4-28-204-24U
	26-27	22-23	30/26	209	20Fr	28-N4-30-209-26U
	28-29	24-25	32/28	209	21Fr	28-N4-32-209-28U
	30-31	26-27	34/30	209	21Fr	28-N4-34-209-30U
	32-33	28-29	36/32	199	22Fr	28-N4-36-199-32U
	34	30-31	38/34	199	22Fr	28-N4-38-199-34U
	35-36	32-33	40/36	204	22Fr	28-N4-40-204-36U
	37-38	34	42/38	204	23Fr	28-N4-42-204-38U
	39-40	35-36	44/40	209	23Fr	28-N4-44-209-40U
	41-42	37-38	46/42	209	23Fr	28-N4-46-209-42U
250mm	24-25	20-21	28/24	259	20Fr	28-N4-28-259-24U
	26-27	22-23	30/26	259	20Fr	28-N4-30-259-26U
	28-29	24-25	32/28	259	21Fr	28-N4-32-259-28U
	30-31	26-27	34/30	259	21Fr	28-N4-34-259-30U
	32-33	28-29	36/32	259	22Fr	28-N4-36-259-32U
	34	30-31	38/34	259	22Fr	28-N4-38-259-34U
	35-36	32-33	40/36	259	22Fr	28-N4-40-259-36U
	37-38	34	42/38	259	23Fr	28-N4-42-259-38U
	39-40	35-36	44/40	259	23Fr	28-N4-44-259-40U
	41-42	37-38	46/42	259	23Fr	28-N4-46-259-42U

All measurements in mm unless otherwise specified.

Notes

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RELAY[®] PLUS

THORACIC STENT-GRAFT SYSTEM

Indications for Use

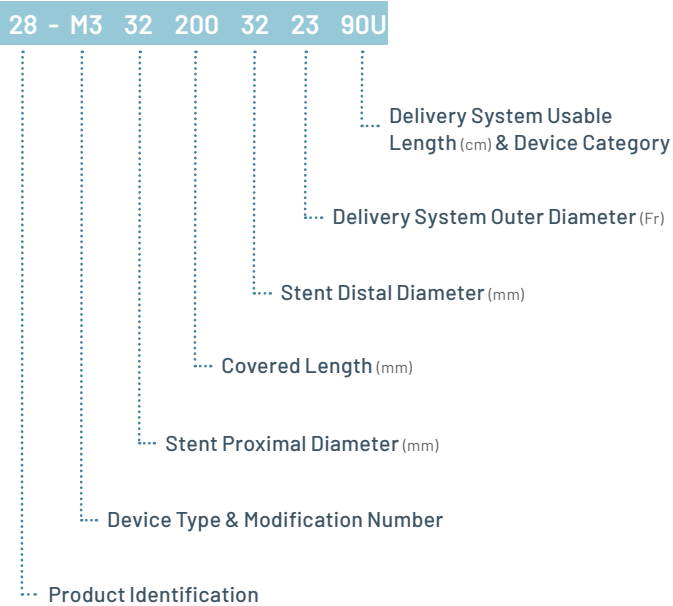
The **RelayPlus Thoracic Stent-Graft System** is indicated for the endovascular repair of fusiform aneurysms and saccular aneurysms/ penetrating atherosclerotic ulcers in the descending thoracic aorta in patients having appropriate anatomy, including:

- ▶ Iliac or femoral access vessel morphology that is compatible with vascular access techniques, devices and/or accessories
- ▶ Non-aneurysmal aortic neck diameter in the range of 19 - 42mm
- ▶ Non-aneurysmal proximal aortic neck length between 15 and 25mm and non-aneurysmal distal aortic neck length between 25 and 30mm depending on the diameter stent-graft required

Landing Zone Length Indications

Stent-Graft Diameter	Proximal Length	Distal Length
22 - 28mm	15mm	25mm
30 - 38mm	20mm	25mm
40 - 46mm	25mm	30mm

Catalog Number



Delivery System

Crafted for Precision

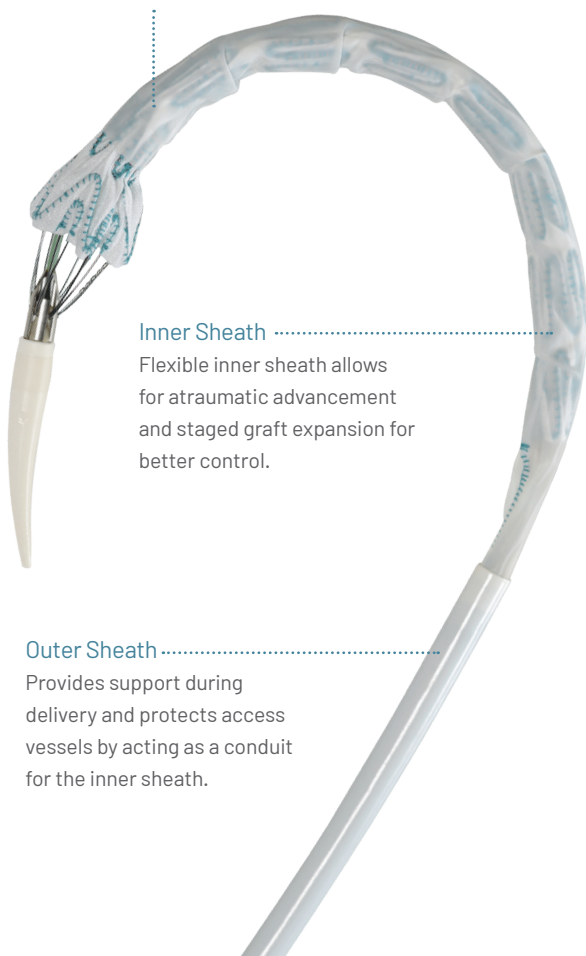
Inspired by the challenge to create a better solution for the thoracic aorta, RelayPlus was specifically designed to:

- ▶ Respect the thoracic anatomy
- ▶ Consistently deliver predictable outcomes
- ▶ Provide clinicians with more confidence to treat their patients

The foundational technology in RelayPlus enables the future of thoracic aorta solutions.

Nitinol Pre-Curved Inner Catheter

Tracking to the natural curvature of the aorta, the pre-curve self-aligns the S-Bar.



Inner Sheath

Flexible inner sheath allows for atraumatic advancement and staged graft expansion for better control.

Outer Sheath

Provides support during delivery and protects access vessels by acting as a conduit for the inner sheath.

Straight Grafts

Vessel Diameter	Stent-Graft			Delivery System			Catalog Number
	Proximal/ Distal Diameter	Length Category	Covered Length	DS OD (Fr)	Usable Length (cm)	Tip to Graft (cm)	
19	22	100	90	22	90	6.0	28-M3 22 090 22 22 90U
	22	150	150	22	90	6.0	28-M3 22 150 22 22 90U
	22	200	190	22	90	6.0	28-M3 22 190 22 22 90U
	22	250	250	23	90	6.2	28-M3 22 250 22 23 90U
20-21	24	100	90	22	90	6.1	28-M3 24 090 24 22 90U
	24	150	150	22	90	6.1	28-M3 24 150 24 22 90U
	24	200	190	22	90	6.1	28-M3 24 190 24 22 90U
	24	250	250	23	90	6.3	28-M3 24 250 24 23 90U
22-23	26	100	95	22	90	6.1	28-M3 26 095 26 22 90U
	26	150	155	22	90	6.1	28-M3 26 155 26 22 90U
	26	200	195	22	90	6.1	28-M3 26 195 26 22 90U
	26	250	250	23	90	6.3	28-M3 26 250 26 23 90U
24-25	28	100	95	22	90	6.2	28-M3 28 095 28 22 90U
	28	150	155	22	90	6.2	28-M3 28 155 28 22 90U
	28	200	195	22	90	6.2	28-M3 28 195 28 22 90U
	28	250	250	23	90	6.4	28-M3 28 250 28 23 90U
26-27	30	100	95	22	90	6.3	28-M3 30 095 30 22 90U
	30	150	155	22	90	6.3	28-M3 30 155 30 22 90U
	30	200	200	23	90	6.5	28-M3 30 200 30 23 90U
	30	250	250	23	90	6.5	28-M3 30 250 30 23 90U
28-29	32	100	95	22	90	6.4	28-M3 32 095 32 22 90U
	32	150	155	22	90	6.4	28-M3 32 155 32 22 90U
	32	200	200	23	90	6.6	28-M3 32 200 32 23 90U
	32	250	250	24	90	6.8	28-M3 32 250 32 24 90U

All measurements in mm unless otherwise specified.

Vessel Diameter	Stent-Graft			Delivery System			Catalog Number
	Proximal/ Distal Diameter	Length Category	Covered Length	DS. OD (Fr)	Usable Length (cm)	Tip to Graft (cm)	
30-31	34	100	100	23	90	6.6	28-M3 34 100 34 23 90U
	34	150	145	23	90	6.6	28-M3 34 145 34 23 90U
	34	200	200	24	90	6.8	28-M3 34 200 34 24 90U
	34	250	250	24	90	6.8	28-M3 34 250 34 24 90U
32-33	36	100	100	23	90	6.7	28-M3 36 100 36 23 90U
	36	150	145	24	90	6.9	28-M3 36 145 36 24 90U
	36	200	190	24	90	6.9	28-M3 36 190 36 24 90U
	36	250	250	24	90	6.9	28-M3 36 250 36 24 90U
34	38	100	100	24	90	7.0	28-M3 38 100 38 24 90U
	38	150	145	24	90	7.0	28-M3 38 145 38 24 90U
	38	200	190	25	90	7.2	28-M3 38 190 38 25 90U
	38	250	250	25	90	7.2	28-M3 38 250 38 25 90U
35-36	40	100	105	24	90	7.1	28-M3 40 105 40 24 90U
	40	150	145	25	90	7.3	28-M3 40 145 40 25 90U
	40	200	195	25	90	7.3	28-M3 40 195 40 25 90U
	40	250	250	25	90	7.3	28-M3 40 250 40 25 90U
37-38	42	100	105	25	90	7.3	28-M3 42 105 42 25 90U
	42	150	150	25	90	7.3	28-M3 42 150 42 25 90U
	42	200	195	25	90	7.3	28-M3 42 195 42 25 90U
	42	250	250	25	90	7.3	28-M3 42 250 42 25 90U
39-40	44	100	105	25	90	7.4	28-M3 44 105 44 25 90U
	44	150	155	25	90	7.4	28-M3 44 155 44 25 90U
	44	200	200	25	90	7.4	28-M3 44 200 44 25 90U
	44	250	250	26	90	7.4	28-M3 44 250 44 26 90U
41-42	46	100	105	26	90	7.4	28-M3 46 105 46 26 90U
	46	150	155	26	90	7.4	28-M3 46 155 46 26 90U
	46	200	200	26	90	7.4	28-M3 46 200 46 26 90U
	46	250	250	26	90	7.4	28-M3 46 250 46 26 90U

All measurements in mm unless otherwise specified.

Tapered Grafts

Vessel Diameter	Stent-Graft			Delivery System			Catalog Number
	Proximal/ Distal Diameter	Length Category	Covered Length	DS. OD (Fr)	Usable Length (cm)	Tip to Graft (cm)	
24-25	28/24	150	155	22	90	6.2	28-M3 28 155 24 22 90U
	28/24	200	195	22	90	6.2	28-M3 28 195 24 22 90U
	28/24	250	250	23	90	6.4	28-M3 28 250 24 23 90U
26-27	30/26	150	155	22	90	6.3	28-M3 30 155 26 22 90U
	30/26	200	200	23	90	6.5	28-M3 30 200 26 23 90U
	30/26	250	250	23	90	6.5	28-M3 30 250 26 23 90U
28-29	32/28	150	155	22	90	6.4	28-M3 32 155 28 22 90U
	32/28	200	200	23	90	6.6	28-M3 32 200 28 23 90U
	32/28	250	250	24	90	6.8	28-M3 32 250 28 24 90U
30-31	34/30	150	145	23	90	6.6	28-M3 34 145 30 23 90U
	34/30	200	200	24	90	6.8	28-M3 34 200 30 24 90U
	34/30	250	250	24	90	6.8	28-M3 34 250 30 24 90U
32-33	36/32	150	145	24	90	6.9	28-M3 36 145 32 24 90U
	36/32	200	190	24	90	6.9	28-M3 36 190 32 24 90U
	36/32	250	250	24	90	6.9	28-M3 36 250 32 24 90U

All measurements in mm unless otherwise specified.

Vessel Diameter	Stent-Graft			Delivery System			Catalog Number
	Proximal/ Distal Diameter	Length Category	Covered Length	DS. OD (Fr)	Usable Length (cm)	Tip to Graft (cm)	
34	38/34	150	145	24	90	7.0	28-M3 38 145 34 24 90U
	38/34	200	190	25	90	7.2	28-M3 38 190 34 25 90U
	38/34	250	250	25	90	7.2	28-M3 38 250 34 25 90U
35-36	40/36	150	145	25	90	7.3	28-M3 40 145 36 25 90U
	40/36	200	195	25	90	7.3	28-M3 40 195 36 25 90U
	40/36	250	250	25	90	7.3	28-M3 40 250 36 25 90U
37-38	42/38	150	150	25	90	7.3	28-M3 42 150 38 25 90U
	42/38	200	195	25	90	7.3	28-M3 42 195 38 25 90U
	42/38	250	250	25	90	7.3	28-M3 42 250 38 25 90U
39-40	44/40	150	155	25	90	7.4	28-M3 44 155 40 25 90U
	44/40	200	200	25	90	7.4	28-M3 44 200 40 25 90U
	44/40	250	250	26	90	7.4	28-M3 44 250 40 26 90U
41-42	46/42	150	155	26	90	7.4	28-M3 46 155 42 26 90U
	46/42	200	200	26	90	7.4	28-M3 46 200 42 26 90U
	46/42	250	250	26	90	7.4	28-M3 46 250 42 26 90U

All measurements in mm unless otherwise specified.

Notes

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AORTIC **BALLOON**

Lowest Available Profile Balloon*

Aortic modeling balloon designed for exceptional inflation control and the broadest balloon diameter range, up to 50mm. Lowest profile balloon available.*

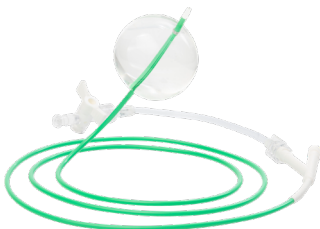
- ▶ 10 French sheath compatible
- ▶ 10mm to 50mm inflation diameters
- ▶ 120cm length for ideal compatibility with TREO and RELAY stent-grafts

Terumo Aortic Balloon Recommended Inflation Volume

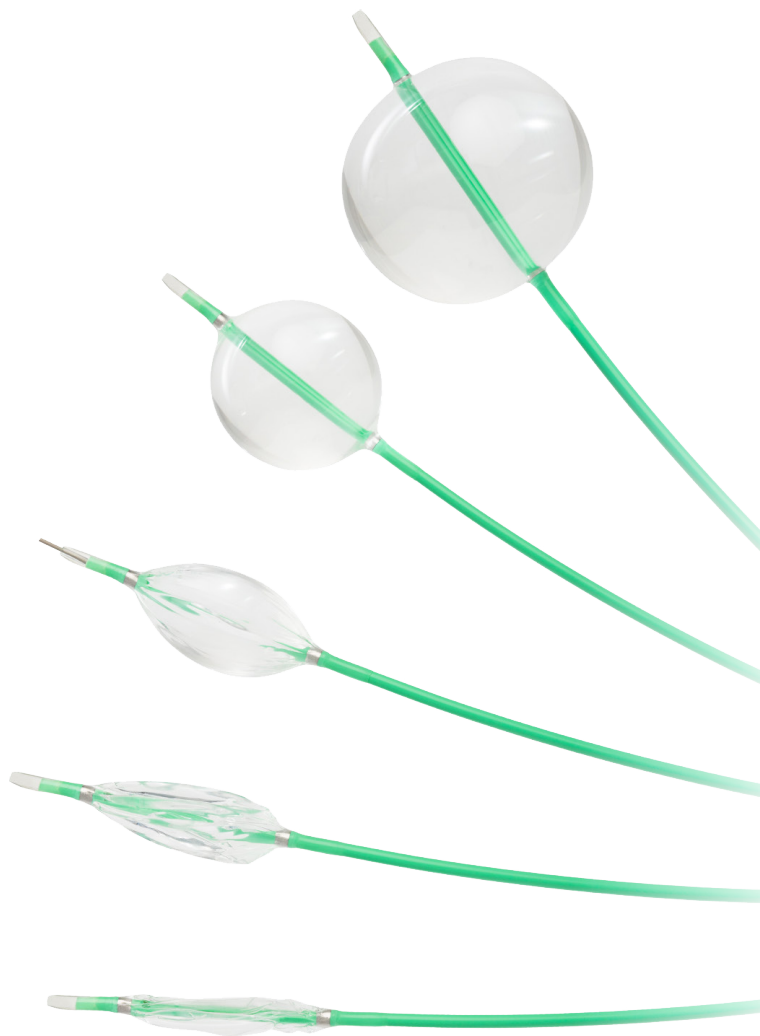
Recommended Inflation Volume (cc)	Balloon Diameter (mm)
3	10
6	20
16	30
32	40
44	45
60	50

Terumo Aortic Balloon Catheter Catalog Number

Catalog Number	Catheter Effective Length (cm)
28-W1-50-08-120G	120



* Compared to Medtronic Reliant and Cook CODA.





At Terumo Aortic, we are 100% focused
on addressing every segment of the
aorta, from the aortic root to the iliacs.

terumoaortic.com

Discover solutions for every segment of the aorta

Visit our website to learn more information on use, indications, contraindications, warnings/precautions and availability within your market.

Product availability subject to local regulatory approval.

Caution: Federal (USA) law restricts this device to sale by or on the order a physician.

TREO, RelayPro, RelayPlus

 Manufactured by: Bolton Medical Inc, 799 International Parkway, Sunrise, FL 33325 USA

Aortic Balloon

 Manufactured by: OXMedical, LLC, 2820 Patton Road, St. Paul, MN 55113 USA
Distributed by: Bolton Medical Inc, 799 International Parkway, Sunrise, FL 33325 USA

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