

# Valiant Navion™

Thoracic Stent Graft System

Patient I.D./Name: \_\_\_\_\_

Physician Name: \_\_\_\_\_

Evaluation Date: \_\_\_\_\_

Patient D.O.B: \_\_\_\_\_

Hospital Name: \_\_\_\_\_

Procedure Date: \_\_\_\_\_

Sex:    Male    Female

Date CT/MR: \_\_\_\_\_

Date Angio: \_\_\_\_\_

Slice Thickness: \_\_\_\_\_

**FOR USE BY PHYSICIAN ONLY**

**Dissection**

Native aorta diameter

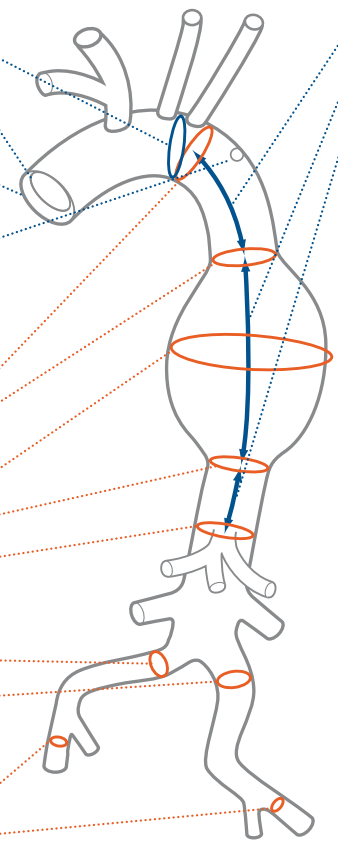
True lumen

False lumen

Location of main entry tear

CT    Table pos.

	CT	Table Pos.
Ø1a		
Ø1b		
Ø2a		
Ø3		
Ø4		
Ø5r		
Ø5l		
Ø6r		
Ø6l		



L1

L2

L3

Total Length (mm) = L1 + L2 + L3

Please consider additional length according to the vessel tortuosity

**Requirement with respect to native vessels:**

TAA, PAU	
1a – 1b Diameter Prox. Neck:	16-42mm
L1 Length Prox. Neck:	≥ 20mm (FreeFlo) ≥ 25mm (CoveredSeal)
3 – 4 Diameter Dist. Neck:	16-42mm
L3 Length Dist. Neck:	≥ 20mm

Dissection	
1a – 1b Diameter Prox. Neck:	19-45mm
L1 Length Prox. Neck:	≥ 20mm (FreeFlo) ≥ 25mm (CoveredSeal)
3 – 4 Diameter Dist. Neck:	19-45mm

BTAI	
1a – 1b Diameter Prox. Neck:	16-44mm
L1 Length Prox. Neck:	≥ 20mm (FreeFlo) ≥ 25mm (CoveredSeal)
3 – 4 Diameter Dist. Neck:	16-44mm

Thrombus/calcification at the proximal implantation site:

Yes    No

Thrombus/calcification at the distal implantation site:

Yes    No

Proposed entry site:

Right    Left

Prox. neck angulation:

Please reference appropriate product *Instructions for Use* for a more detailed list of indications

Drawing / Remarks

Recommended Products (listed in order, starting with proximal device)

Valiant Navion™ Thoracic Device/Product Code	Valiant Navion™ Thoracic Device/Product Code

Access vessel diameter should accommodate an 18Fr - 22Fr delivery system

## FREEFLO STRAIGHT

Product Code									
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Vessel Diameter: TAA, PAU (mm)	Vessel Diameter: Dissection (mm)	Vessel Diameter: BTAI (mm)	Catheter Outer Diameter (Fr)
VNMF	20	20	C	96	TE	16-17	19	16-17	18
VNMF	22	22	C	96	TE	18-19	20-22	18-20	18
VNMF	22	22	C	185	TE	18-19	20-22	18-20	18
VNMF	25	25	C	96	TE	20-22	23-25	20-23	18
VNMF	25	25	C	185	TE	20-22	23-25	20-23	18
VNMF	28	28	C	97	TE	23-25	26-28	23-26	20
VNMF	28	28	C	174	TE	23-25	26-28	23-26	20
VNMF	31	31	C	97	TE	26-28	29-30	26-29	20
VNMF	31	31	C	174	TE	26-28	29-30	26-29	20
VNMF	31	31	C	229	TE	26-28	29-30	26-29	20
VNMF	34	34	C	59	TE	28-31	31-33	28-32	20
VNMF	34	34	C	97	TE	28-31	31-33	28-32	20
VNMF	34	34	C	174	TE	28-31	31-33	28-32	20
VNMF	34	34	C	229	TE	28-31	31-33	28-32	20
VNMF	37	37	C	59	TE	30-33	34-36	30-35	20
VNMF	37	37	C	97	TE	30-33	34-36	30-35	20
VNMF	37	37	C	174	TE	30-33	34-36	30-35	20
VNMF	37	37	C	229	TE	30-33	34-36	30-35	20
VNMF	40	40	C	62	TE	33-36	37-39	33-38	22
VNMF	40	40	C	103	TE	33-36	37-39	33-38	22
VNMF	40	40	C	183	TE	33-36	37-39	33-38	22
VNMF	40	40	C	223	TE	33-36	37-39	33-38	22
VNMF	43	43	C	62	TE	36-39	39-42	36-41	22
VNMF	43	43	C	103	TE	36-39	39-42	36-41	22
VNMF	43	43	C	183	TE	36-39	39-42	36-41	22
VNMF	43	43	C	223	TE	36-39	39-42	36-41	22
VNMF	46	46	C	62	TE	39-42	42-45	39-44	22
VNMF	46	46	C	103	TE	39-42	42-45	39-44	22
VNMF	46	46	C	183	TE	39-42	42-45	39-44	22
VNMF	46	46	C	223	TE	39-42	42-45	39-44	22

## COVEREDSEAL STRAIGHT

Product Code									
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Vessel Diameter: TAA, PAU (mm)	Vessel Diameter: Dissection (mm)	Vessel Diameter: BTAI (mm)	Catheter Outer Diameter (Fr)
VNMC	20	20	C	94	TE	16-17	19	16-17	18
VNMC	22	22	C	94	TE	18-19	20-22	18-20	18
VNMC	22	22	C	180	TE	18-19	20-22	18-20	18
VNMC	25	25	C	94	TE	20-22	23-25	20-23	18
VNMC	25	25	C	180	TE	20-22	23-25	20-23	18
VNMC	28	28	C	90	TE	23-25	26-28	23-26	20
VNMC	28	28	C	182	TE	23-25	26-28	23-26	20
VNMC	31	31	C	90	TE	26-28	29-30	26-29	20
VNMC	31	31	C	182	TE	26-28	29-30	26-29	20
VNMC	31	31	C	223	TE	26-28	29-30	26-29	20
VNMC	34	34	C	52	TE	28-31	31-33	28-32	20
VNMC	34	34	C	90	TE	28-31	31-33	28-32	20
VNMC	34	34	C	182	TE	28-31	31-33	28-32	20
VNMC	34	34	C	223	TE	28-31	31-33	28-32	20
VNMC	37	37	C	52	TE	30-33	34-36	30-35	20
VNMC	37	37	C	90	TE	30-33	34-36	30-35	20
VNMC	37	37	C	182	TE	30-33	34-36	30-35	20
VNMC	37	37	C	223	TE	30-33	34-36	30-35	20
VNMC	40	40	C	55	TE	33-36	37-39	33-38	22
VNMC	40	40	C	95	TE	33-36	37-39	33-38	22
VNMC	40	40	C	175	TE	33-36	37-39	33-38	22
VNMC	40	40	C	218	TE	33-36	37-39	33-38	22
VNMC	43	43	C	55	TE	36-39	39-42	36-41	22
VNMC	43	43	C	95	TE	36-39	39-42	36-41	22
VNMC	43	43	C	175	TE	36-39	39-42	36-41	22
VNMC	43	43	C	218	TE	36-39	39-42	36-41	22
VNMC	46	46	C	55	TE	39-42	42-45	39-44	22
VNMC	46	46	C	95	TE	39-42	42-45	39-44	22
VNMC	46	46	C	175	TE	39-42	42-45	39-44	22
VNMC	46	46	C	218	TE	39-42	42-45	39-44	22

## FREEFLO TAPERED

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Catheter Outer Diameter (Fr)
VNMF	25	20	C	185	TE	18
VNMF	28	22	C	173	TE	20
VNMF	31	25	C	173	TE	20
VNMF	34	28	C	173	TE	20
VNMF	37	31	C	173	TE	20
VNMF	40	34	C	185	TE	22
VNMF	43	37	C	185	TE	22
VNMF	46	40	C	185	TE	22

## COVEREDSEAL TAPERED

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)		Stent Graft Covered Length (mm)		Catheter Outer Diameter (Fr)
VNMC	25	20	C	186	TE	18
VNMC	28	22	C	207	TE	20
VNMC	31	25	C	207	TE	20
VNMC	34	28	C	207	TE	20
VNMC	37	31	C	207	TE	20
VNMC	40	34	C	200	TE	22
VNMC	43	37	C	200	TE	22
VNMC	46	40	C	200	TE	22

For complete product information visit [www.medtronic.com/manuals](http://www.medtronic.com/manuals). Consult instructions for use at this website. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat Reader® with the browser.

UC201806184 EE © 2018 Medtronic. All rights reserved. Medtronic and the Medtronic logo are trademarks of Medtronic. All other brands are trademarks of a Medtronic company. Not for distribution in the USA, Japan or France. 07/18

Adobe and Acrobat reader are registered trademarks of Adobe Systems incorporated in the United States and/or other countries.

For complete product information visit [www.medtronic.com/manuals](http://www.medtronic.com/manuals). Consult instructions for use at this website. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat Reader® with the browser.

# Medtronic

**Invatec S.p.A.**

Via Martiri della Libertà 7  
25030 Roncadelle (BS)  
Italy  
Tel: +39.030.2589311

**Medtronic**

710 Medtronic Parkway NE  
Minneapolis, MN 55432  
USA  
Tel: +1.763.514.4000

**Medtronic International  
Trading Sàrl**

Route du Molliau 31  
CH-1131 Tolochenaz  
Switzerland  
Tel: +41.21.802.7000

**Medtronic of Canada Ltd.**

99 Hereford Street  
Brampton, Ontario L6Y 0R3  
Canada  
Tel: +1.905.460.3800

**Medtronic Latin America**

3750 NW 87th Avenue, Suite 700  
Miami, FL 33178  
USA  
Tel: +1.786.709.4200

**Medtronic International Ltd.**

49 Changi South Avenue 2  
Singapore 486056  
Tel: +65.6436.5000

**Medtronic Australasia Pty Ltd.**

2 Alma Road,  
Macquarie Park, NSW 2113  
Australia  
Tel: +61.29857.9000

**Medtronic New Zealand**

Unit N16, Mezzanine Level 5  
Gloucester Park Road  
Onehunga  
Auckland  
New Zealand

**Medtronic Korea Co., Ltd.**

5F, Sajo Building  
1001 Daechi-dong, Kangnam-ku  
Seoul, 135-280  
Korea  
Tel: +82.2.3404.3600

**Medtronic METAFZ-LLC**

Office Park, Block D, 2nd Floor  
PO Box 500638  
Dubai Internet City | Dubai,  
United Arab Emirates  
Tel: +971.4.818.2666

[medtronic.com/aortic](http://medtronic.com/aortic)

UC201806184 EE © 2018 Medtronic. All rights reserved. Medtronic and the Medtronic logo are trademarks of Medtronic. All other brands are trademarks of a Medtronic company. Not for distribution in the USA, Japan or France. 07/18

Adobe and Acrobat reader are registered trademarks of Adobe Systems incorporated in the United States and/or other countries.