

Valiant™ Captivia™

Thoracic Stent Graft Delivery System

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 | Please consider additional length according to the vessel tortuosity |
| | L2 | |
| | L3 | |
| Total Length (mm) = L1 + L2 + L3 | | |

Requirement with respect to native vessels:

| | |
|---|------------|
| 1a – 1b Diameter Prox. Neck: (TAA & Trauma) | 18 – 42 mm |
| 1a – 1b Diameter Prox. Neck: (Dissection) | 20 – 44 mm |
| L1 Length Prox. Neck: | ≥ 15 mm |
| 3 – 4 Diameter Dist. Neck: (TAA & Trauma) | 18 – 42 mm |
| 3 – 4 Diameter Dist. Neck: (Dissection) | 20 – 44 mm |
| L3 Length Dist. Neck: | ≥ 15 mm |
| 6l / 6r Diameter Access Vessel: | ≈ 8 mm |

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

| Valiant Thoracic Device/Product Code | Valiant Thoracic Device/Product Code |
|--------------------------------------|--------------------------------------|
| | |
| | |
| | |
| | |

| | |
|--------------------|--|
| Patient I.D./Name: | Procedure Date: |
| Physician Name: | Sex: <input type="checkbox"/> Male <input type="checkbox"/> Female |
| Evaluation Date: | Date CT/MR: |
| Patient D.O.B.: | Date Angio: |
| Hospital Name: | Slice Thickness: |

| | | | | |
|--|--|---------------------------------------|------------------------|---|
| 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: | EndoAnchor™ fixation needed proximally and/or distally? If yes, see back. Yes No |
|--|--|---------------------------------------|------------------------|---|

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

Drawing / Remarks

PROXIMAL FREEFLO STRAIGHT

| Product Code | | | | | | Catheter Outer Diameter (F) | Stent Graft Covered Length (mm) |
|------------------------------|----------------------------|---------------|---|-----|----|-----------------------------|---------------------------------|
| Proximal Graft Diameter (mm) | Distal Graft Diameter (mm) | Distal Design | | | | | |
| VAMF | 22 | 22 | C | 100 | TE | 22 | 112 |
| VAMF | 24 | 24 | C | 100 | TE | 22 | 112 |
| VAMF | 26 | 26 | C | 100 | TE | 22 | 112 |
| VAMF | 28 | 28 | C | 100 | TE | 22 | 117 |
| VAMF | 30 | 30 | C | 100 | TE | 22 | 117 |
| VAMF | 32 | 32 | C | 100 | TE | 22 | 117 |
| VAMF | 34 | 34 | C | 100 | TE | 24 | 107 |
| VAMF | 36 | 36 | C | 100 | TE | 24 | 107 |
| VAMF | 38 | 38 | C | 100 | TE | 24 | 107 |
| VAMF | 40 | 40 | C | 100 | TE | 24 | 107 |
| VAMF | 42 | 42 | C | 100 | TE | 25 | 112 |
| VAMF | 44 | 44 | C | 100 | TE | 25 | 112 |
| VAMF | 46 | 46 | C | 100 | TE | 25 | 112 |
| VAMF | 22 | 22 | C | 150 | TE | 22 | 152 |
| VAMF | 24 | 24 | C | 150 | TE | 22 | 152 |
| VAMF | 26 | 26 | C | 150 | TE | 22 | 152 |
| VAMF | 28 | 28 | C | 150 | TE | 22 | 157 |
| VAMF | 30 | 30 | C | 150 | TE | 22 | 157 |
| VAMF | 32 | 32 | C | 150 | TE | 22 | 157 |
| VAMF | 34 | 34 | C | 150 | TE | 24 | 167 |
| VAMF | 36 | 36 | C | 150 | TE | 24 | 167 |
| VAMF | 38 | 38 | C | 150 | TE | 24 | 167 |
| VAMF | 40 | 40 | C | 150 | TE | 24 | 167 |
| VAMF | 42 | 42 | C | 150 | TE | 25 | 157 |
| VAMF | 44 | 44 | C | 150 | TE | 25 | 157 |
| VAMF | 46 | 46 | C | 150 | TE | 25 | 162 |
| VAMF | 30 | 30 | C | 200 | TE | 22 | 192 |
| VAMF | 32 | 32 | C | 200 | TE | 22 | 192 |
| VAMF | 34 | 34 | C | 200 | TE | 24 | 212 |
| VAMF | 36 | 36 | C | 200 | TE | 24 | 207 |
| VAMF | 38 | 38 | C | 200 | TE | 24 | 207 |
| VAMF | 40 | 40 | C | 200 | TE | 24 | 212 |
| VAMF | 42 | 42 | C | 200 | TE | 25 | 207 |
| VAMF | 44 | 44 | C | 200 | TE | 25 | 212 |
| VAMF | 46 | 46 | C | 200 | TE | 25 | 212 |

CLOSED WEB STRAIGHT

| Product Code | | | | | | Catheter Outer Diameter (F) | Stent Graft Covered Length (mm) |
|------------------------------|----------------------------|---------------|---|-----|----|-----------------------------|---------------------------------|
| Proximal Graft Diameter (mm) | Distal Graft Diameter (mm) | Distal Design | | | | | |
| VAMC | 22 | 22 | C | 100 | TE | 22 | 105 |
| VAMC | 24 | 24 | C | 100 | TE | 22 | 105 |
| VAMC | 26 | 26 | C | 100 | TE | 22 | 105 |
| VAMC | 28 | 28 | C | 100 | TE | 22 | 110 |
| VAMC | 30 | 30 | C | 100 | TE | 22 | 110 |
| VAMC | 32 | 32 | C | 100 | TE | 22 | 110 |
| VAMC | 34 | 34 | C | 100 | TE | 24 | 100 |
| VAMC | 36 | 36 | C | 100 | TE | 24 | 100 |
| VAMC | 38 | 38 | C | 100 | TE | 24 | 100 |
| VAMC | 40 | 40 | C | 100 | TE | 24 | 100 |
| VAMC | 42 | 42 | C | 100 | TE | 25 | 105 |
| VAMC | 44 | 44 | C | 100 | TE | 25 | 105 |
| VAMC | 46 | 46 | C | 100 | TE | 25 | 105 |
| VAMC | 22 | 22 | C | 150 | TE | 22 | 145 |
| VAMC | 24 | 24 | C | 150 | TE | 22 | 145 |
| VAMC | 26 | 26 | C | 150 | TE | 22 | 145 |
| VAMC | 28 | 28 | C | 150 | TE | 22 | 150 |
| VAMC | 30 | 30 | C | 150 | TE | 22 | 150 |
| VAMC | 32 | 32 | C | 150 | TE | 22 | 150 |
| VAMC | 34 | 34 | C | 150 | TE | 24 | 160 |
| VAMC | 36 | 36 | C | 150 | TE | 24 | 160 |
| VAMC | 38 | 38 | C | 150 | TE | 24 | 160 |
| VAMC | 40 | 40 | C | 150 | TE | 24 | 160 |
| VAMC | 42 | 42 | C | 150 | TE | 25 | 150 |
| VAMC | 44 | 44 | C | 150 | TE | 25 | 150 |
| VAMC | 46 | 46 | C | 150 | TE | 25 | 155 |
| VAMC | 30 | 30 | C | 200 | TE | 22 | 185 |
| VAMC | 32 | 32 | C | 200 | TE | 22 | 185 |
| VAMC | 34 | 34 | C | 200 | TE | 24 | 205 |
| VAMC | 36 | 36 | C | 200 | TE | 24 | 200 |
| VAMC | 38 | 38 | C | 200 | TE | 24 | 200 |
| VAMC | 40 | 40 | C | 200 | TE | 24 | 205 |
| VAMC | 42 | 42 | C | 200 | TE | 25 | 200 |
| VAMC | 44 | 44 | C | 200 | TE | 25 | 205 |
| VAMC | 46 | 46 | C | 200 | TE | 25 | 205 |

PROXIMAL FREEFLO TAPERED

| Product Code | | | | | | Catheter Outer Diameter (F) | Stent Graft Covered Length (mm) |
|------------------------------|----------------------------|---------------|---|-----|----|-----------------------------|---------------------------------|
| Proximal Graft Diameter (mm) | Distal Graft Diameter (mm) | Distal Design | | | | | |
| VAMF | 26 | 22 | C | 150 | TE | 22 | 152 |
| VAMF | 28 | 24 | C | 150 | TE | 22 | 157 |
| VAMF | 30 | 26 | C | 150 | TE | 22 | 157 |
| VAMF | 32 | 28 | C | 150 | TE | 22 | 157 |
| VAMF | 34 | 30 | C | 150 | TE | 24 | 167 |
| VAMF | 36 | 32 | C | 150 | TE | 24 | 167 |
| VAMF | 38 | 34 | C | 150 | TE | 24 | 167 |
| VAMF | 40 | 36 | C | 150 | TE | 24 | 167 |
| VAMF | 42 | 38 | C | 150 | TE | 25 | 157 |
| VAMF | 44 | 40 | C | 150 | TE | 25 | 157 |
| VAMF | 46 | 42 | C | 150 | TE | 25 | 162 |

DISTAL BARE SPRING STRAIGHT

| Product Code | | | | | | Catheter Outer Diameter (F) | Stent Graft Covered Length (mm) |
|------------------------------|----------------------------|---------------|---|-----|----|-----------------------------|---------------------------------|
| Proximal Graft Diameter (mm) | Distal Graft Diameter (mm) | Distal Design | | | | | |
| VAMC | 22 | 22 | B | 100 | TE | 22 | 112 |
| VAMC | 24 | 24 | B | 100 | TE | 22 | 112 |
| VAMC | 26 | 26 | B | 100 | TE | 22 | 112 |
| VAMC | 28 | 28 | B | 100 | TE | 22 | 117 |
| VAMC | 30 | 30 | B | 100 | TE | 22 | 117 |
| VAMC | 32 | 32 | B | 100 | TE | 22 | 117 |
| VAMC | 34 | 34 | B | 100 | TE | 24 | 107 |
| VAMC | 36 | 36 | B | 100 | TE | 24 | 107 |
| VAMC | 38 | 38 | B | 100 | TE | 24 | 107 |
| VAMC | 40 | 40 | B | 100 | TE | 24 | 107 |
| VAMC | 42 | 42 | B | 100 | TE | 25 | 112 |
| VAMC | 44 | 44 | B | 100 | TE | 25 | 112 |
| VAMC | 46 | 46 | B | 100 | TE | 25 | 112 |

CLOSED WEB TAPERED

| Product Code | | | | | | Catheter Outer Diameter (F) | Stent Graft Covered Length (mm) |
|------------------------------|----------------------------|---------------|---|-----|----|-----------------------------|---------------------------------|
| Proximal Graft Diameter (mm) | Distal Graft Diameter (mm) | Distal Design | | | | | |
| VAMC | 26 | 22 | C | 150 | TE | 22 | 150 |
| VAMC | 28 | 24 | C | 150 | TE | 22 | 150 |
| VAMC | 30 | 26 | C | 150 | TE | 22 | 150 |
| VAMC | 32 | 28 | C | 150 | TE | 22 | 150 |
| VAMC | 34 | 30 | C | 150 | TE | 24 | 160 |
| VAMC | 36 | 32 | C | 150 | TE | 24 | 160 |
| VAMC | 38 | 34 | C | 150 | TE | 24 | 160 |
| VAMC | 40 | 36 | C | 150 | TE | 24 | 160 |
| VAMC | 42 | 38 | C | 150 | TE | 25 | 150 |
| VAMC | 44 | 40 | C | 150 | TE | 25 | 150 |
| VAMC | 46 | 42 | C | 150 | TE | 25 | 155 |

HELI-FX™ THORACIC RECOMMENDED NUMBER OF ENDOANCHOR™ IMPLANTS

- The following is recommended based on internal testing
- Additional or fewer EndoAnchor implants may be placed at physician discretion

| Aortic Neck Diameter (Proximal or Distal) | Recommended Minimum Number of EndoAnchor Implants Graft Angulation | | |
|---|---|-----------------|---------------|
| | ≤ 60° | > 60° and < 75° | >75° and <90° |
| ≤ 29mm | 4 | 4 | 4 |
| 30–32mm | 4 | 4 | 5 |
| 33–36mm | 4 | 5 | 7 |
| 37–40mm | 5 | 6 | 8 |
| > 40mm | 5 | 7 | 9 |

Sizing of the anatomy and EndoAnchor decisions are the responsibility of the physician

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.

97 Waterloo Road
North Ryde, 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 META FZ-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