CONFIDENTLY TREAT EVEN MORE PATIENTS

Valiant Navion™ Thoracic Stent Graft System

**Low Crossing Profile:**
18–22 Fr O.D.

The only low-profile system with both covered stent and bare stent designs — both with tip capture.
Low-profile, easy-to-use delivery system designed for expanded access and smooth navigation.

**Zero Access Complications**

- Low-profile delivery system: 18-22 Fr designed for expanded access

**More Control**

- **Tip capture**: For controlled delivery and accurate deployment on both FreeFlo and CoveredSeal configurations
- **Ergonomic handle design**: Provides a mechanical advantage for consistent, intuitive, and smooth deployment
- **Rapid deployment trigger**: Gives you the option to rapidly deploy when necessary
- **Integrated flush port**: Allows for easy flushing of the device prior to vessel access

**CoveredSeal**

- Completely covered proximal end provides expanded treatment options

**Optimized Deployment**

- Accurately

**Designed for smooth navigation**

Highly flexible, kink-resistant, hydrophilic-coated catheter smoothly navigates through tortuous, diseased, and heavily calcified vessels

**Shorter tapered tip**

Designed to minimize vessel impact and ensure tractability without the need of a sheath

A true covered proximal stent option with the control and accuracy you have come to expect
TWO PROXIMAL OPTIONS

Deliver optimal outcomes

Demonstrated Conformability

Stent design
Designed for increased flexibility throughout the stent
Aligned stent peaks and valleys

Increased Distance Between Stents
Designed to optimize migration resistance and conformability

Strong Proximal Seal

Improved seal — leveraging our abdominal stent graft expertise and optimized graft material

Multifilament Endurant™ yarn
Multifilament thoracic graft material, based on Endurant™ stent graft yarn, designed for flexibility and superior permeability resistance

New nitinol W-stent technology
Designed to support the proximal fabric and prevent infolding

Customizable Options

Treat the pathology with the right tool for the patient

Covered Seal with tip capture
Offers reduced focal interaction and consistent distribution of radial force in the seal zone

Broad size matrix
Shorter and longer lengths, smaller diameter, and greater tapering offer more sizing options to tailor fit varied pathologies

FreeFlo

Tailored for Fragile Aortas

Covered Seal
PROVEN PLATFORMS
Leveraging the proven design of Endurant™ and Valiant™ stent graft systems

BUILT ON PROVEN PLATFORMS

160K+ thoracic patients treated with Valiant™ graft worldwide

400K+ abdominal patients treated with Endurant™ graft worldwide

20+ YEARS of endovascular experience with deep clinical history

VERSATILE WITH LOW PROFILE
18 Fr–22 Fr O.D. with two proximal configuration options

100% delivery and deployment success (100/100)²

97.4% stable or decreasing sac diameter at one year (74/76)²

49% percutaneous access (49/100)

72% USA, 23% Outside United States²

NO conversion to open surgery (0/100)²

OVERCOME CHALLENGING ANATOMY

70% of patients with ASA III/IV (70/100)²

86.5% of patients with high thoracic aorta tortuosity (77/89)²

0.0% type Ia endoleaks at one year (0/75)²

NO access vessel failures (0/100)²

FREEFLO

Step 1
Slow, controlled deployment for precise stent graft placement

Step 2
Quick deployment option, if desired

Step 3
Tip capture release

COVEREDSEAL

Images courtesy of Hiroyoshi Tabata

Data on file at Medtronic.

*67
TREAT EVEN MORE PATIENTS

Minimize access complications
The Valiant Navion™ system offers an easy-to-use endovascular solution to treat more patients

PATIENT APPLICABILITY

<table>
<thead>
<tr>
<th>Valiant Navion™ System</th>
<th>18 Fr O.D.</th>
<th>94%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valiant™ Captivia™ System</td>
<td>22 Fr O.D.</td>
<td>73%</td>
</tr>
</tbody>
</table>

More treatment options for your patients with smaller access vessels (low profile)

Medtronic Valiant Navion™

<table>
<thead>
<tr>
<th>Profile</th>
<th>18 Fr–22 Fr O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheath Required</td>
<td>No</td>
</tr>
<tr>
<td>Aneurysm, Dissection, PAU, BTAI, IMH</td>
<td>Yes</td>
</tr>
<tr>
<td>Tip Capture</td>
<td>Yes</td>
</tr>
<tr>
<td>Proximal Design</td>
<td>Bare Stent (FreeFlo) Non-Bare Stent (CoveredSeal)</td>
</tr>
<tr>
<td>Distal Taper</td>
<td>5–6 mm</td>
</tr>
</tbody>
</table>

Gore C-TAG™

| 20 Fr–27 Fr O.D. (18 Fr–24 Fr ID Sheaths) |
| Yes |

Cook Zenith™ Thoracic™

| 18 Fr–23 Fr O.D. |
| Yes |

Terumo™ Relay Plus™

| 22 Fr–26 Fr O.D. |
| Yes |

Optimal outcomes for all descending thoracic pathologies
Leveraging the proven design of Endurant™ and Valiant™ stent graft systems

- Type Ia endoleaks at one year (0/75)²
- Stable or decreasing sacs at one year (74/76)²
- Delivery and deployment success (100/100)²

The Valiant Navion™ system offers an easy-to-use endovascular solution to treat more patients

- Low profile 18 Fr–22 Fr O.D.
- Broader patient applicability
- Enhanced customization: Expanded size matrix and configurations

FreeFlo and CoveredSeal with tip capture

CoveredSeal: Tailored for fragile aortas
References
3 Gore C-TAG™ thoracic stent graft IFU.
4 Cook Zenith™ Alpha™ thoracic stent graft IFU.
5 Bolton Relay™ Plus thoracic stent graft IFU.

See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at medtronic.eu.