THE MAIN SOLUTION

CE marked for left main stenting

Resolute Onyx™
Zotarolimus-Eluting Coronary Stent System

BROADEST SIZE MATRIX INCLUDING COMPLEXXLV

4.5 mm AND 5.0 mm

Medtronic
Further, Together
At Medtronic, we work hard to bring medical excellence to more people in more places. Now, we’re extending our Resolute Onyx™ advanced workhorse performance to left main stenting—offering the size, strength and conformability to treat this critical vessel.

Resolute Onyx™ DES is ideally suited for large-vessel, left main stenting.

Left main revascularisation is challenging and requires a robust solution.

60% OF PATIENTS WITH LEFT MAIN DISEASE ARE ELIGIBLE FOR PCI1,2

ADVANCED WORKHORSE PERFORMANCE FOR LEFT MAIN STENTING

75% of left main diameters are 4.00–5.75mm

The left main artery has the highest elastic content of any coronary artery

Resolute Onyx DES is sized appropriately for the left main artery.

Structural and coating integrity is maintained at large-vessel diameter and maximum overexpansion.

Resolute Onyx DES provides sustained radial strength to prevent recoil.

Deployed to 5.75 mm (maximum labeled overexpansion)

3 Bench test data on file at Medtronic.
4 Synergy™* 4.0 mm x 20 mm DES
5 Promus Premier™* 4.0 mm x 20 mm DES
6 Resolute Integrity™ DES 3.0 mm x 18 mm
7 Resolute Onyx DES 3.0 mm x 18 mm
8 Resolute Onyx DES 5.0 mm x 18 mm

Compression resistance (N/mm per mm)
IDEALLY SUITED FOR LEFT MAIN STENTING, INCLUDING COMPLEX BIFURCATION CASES

Aorto-ostial lesions have complex geometry and are difficult to visualise\(^6\)

Resolute Onyx DES has high radiopacity with minimal foreshortening, for precise deployment in a challenging radiographic environment.\(^7\)

Excellent flexibility and conformability contribute to superior strut apposition.

Resolute Onyx DES open cell design expands for large-vessel sidebranch access.\(^7\)

Up to 80\% of left main lesions involve the bifurcation.\(^8\)

Resolute Onyx DES 4.5 mm x 18 mm

Synergy DES 4.0 mm x 20 mm

Promus Premier DES 4.0 mm x 20 mm

Synergy DES 3.0 mm x 20 mm

Strut malapposition:
- 4.93 mm: 0.8\%
- 3.79 mm: 14.7\%
- 4.93 mm: 16.6\%

Strut malapposition:
- 4.0 mm x 20 mm: 10.7\% ± 0.2\%
- 4.0 mm x 20 mm: 3.7% ± 1.4\%

Strut malapposition:
- 5.0 mm x 18 mm: 3.7\% ± 1.4\%
## Resolute Onyx DES Ordering Information

<table>
<thead>
<tr>
<th>Stent Diameter (mm)</th>
<th>8</th>
<th>12</th>
<th>15</th>
<th>18</th>
<th>22</th>
<th>26</th>
<th>30</th>
<th>34</th>
<th>38</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td>RONYX20008X</td>
<td>RONYX20012X</td>
<td>RONYX20015X</td>
<td>RONYX20018X</td>
<td>RONYX20022X</td>
<td>RONYX20026X</td>
<td>RONYX20030X</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2.25</td>
<td>RONYX22508X</td>
<td>RONYX22512X</td>
<td>RONYX22515X</td>
<td>RONYX22518X</td>
<td>RONYX22522X</td>
<td>RONYX22526X</td>
<td>RONYX22530X</td>
<td>RONYX22534X</td>
<td>RONYX22538X</td>
</tr>
<tr>
<td>2.50</td>
<td>RONYX25008X</td>
<td>RONYX25012X</td>
<td>RONYX25015X</td>
<td>RONYX25018X</td>
<td>RONYX25022X</td>
<td>RONYX25026X</td>
<td>RONYX25030X</td>
<td>RONYX25034X</td>
<td>RONYX25038X</td>
</tr>
<tr>
<td>2.75</td>
<td>RONYX27508X</td>
<td>RONYX27512X</td>
<td>RONYX27515X</td>
<td>RONYX27518X</td>
<td>RONYX27522X</td>
<td>RONYX27526X</td>
<td>RONYX27530X</td>
<td>RONYX27534X</td>
<td>RONYX27538X</td>
</tr>
<tr>
<td>3.00</td>
<td>RONYX30008X</td>
<td>RONYX30012X</td>
<td>RONYX30015X</td>
<td>RONYX30018X</td>
<td>RONYX30022X</td>
<td>RONYX30026X</td>
<td>RONYX30030X</td>
<td>RONYX30034X</td>
<td>RONYX30038X</td>
</tr>
<tr>
<td>3.50</td>
<td>RONYX35008X</td>
<td>RONYX35012X</td>
<td>RONYX35015X</td>
<td>RONYX35018X</td>
<td>RONYX35022X</td>
<td>RONYX35026X</td>
<td>RONYX35030X</td>
<td>RONYX35034X</td>
<td>RONYX35038X</td>
</tr>
<tr>
<td>4.00</td>
<td>RONYX40008X</td>
<td>RONYX40012X</td>
<td>RONYX40015X</td>
<td>RONYX40018X</td>
<td>RONYX40022X</td>
<td>RONYX40026X</td>
<td>RONYX40030X</td>
<td>RONYX40034X</td>
<td>RONYX40038X</td>
</tr>
<tr>
<td>4.50</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>5.00</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

*Indicates new sizes.

## Resolute Onyx DES Compliance Data

<table>
<thead>
<tr>
<th>Pressure kPa (atm)</th>
<th>2.00</th>
<th>2.25</th>
<th>2.50</th>
<th>2.75</th>
<th>3.00</th>
<th>3.50</th>
<th>4.00</th>
<th>4.50</th>
<th>5.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>709 (7)</td>
<td>1.85</td>
<td>2.05</td>
<td>2.25</td>
<td>2.45</td>
<td>2.75</td>
<td>3.05</td>
<td>3.60</td>
<td>4.10</td>
<td>4.55</td>
</tr>
<tr>
<td>811 (8)</td>
<td>1.90</td>
<td>2.10</td>
<td>2.30</td>
<td>2.55</td>
<td>2.80</td>
<td>3.15</td>
<td>3.70</td>
<td>4.20</td>
<td>4.65</td>
</tr>
<tr>
<td>912 (9)</td>
<td>1.90</td>
<td>2.15</td>
<td>2.35</td>
<td>2.60</td>
<td>2.90</td>
<td>3.25</td>
<td>3.80</td>
<td>4.30</td>
<td>4.80</td>
</tr>
<tr>
<td>1013 (10)</td>
<td>1.95</td>
<td>2.20</td>
<td>2.45</td>
<td>2.65</td>
<td>2.95</td>
<td>3.35</td>
<td>3.85</td>
<td>4.40</td>
<td>4.90</td>
</tr>
<tr>
<td>1115 (11)</td>
<td>2.00</td>
<td>2.25</td>
<td>2.50</td>
<td>2.70</td>
<td>3.00</td>
<td>3.40</td>
<td>3.95</td>
<td>4.45</td>
<td>4.95</td>
</tr>
<tr>
<td>1216 (12)</td>
<td>2.05</td>
<td>2.30</td>
<td>2.55</td>
<td>2.75</td>
<td>3.05</td>
<td>3.45</td>
<td>4.00</td>
<td>4.50</td>
<td>5.00</td>
</tr>
<tr>
<td>1317 (13)</td>
<td>2.05</td>
<td>2.35</td>
<td>2.60</td>
<td>2.80</td>
<td>3.10</td>
<td>3.50</td>
<td>4.05</td>
<td>4.55</td>
<td>5.10</td>
</tr>
<tr>
<td>1419 (14)</td>
<td>2.10</td>
<td>2.35</td>
<td>2.60</td>
<td>2.80</td>
<td>3.10</td>
<td>3.55</td>
<td>4.05</td>
<td>4.60</td>
<td>5.15</td>
</tr>
<tr>
<td>1520 (15)</td>
<td>2.10</td>
<td>2.35</td>
<td>2.60</td>
<td>2.85</td>
<td>3.15</td>
<td>3.55</td>
<td>4.10</td>
<td>4.65</td>
<td>5.20</td>
</tr>
<tr>
<td>1621 (16)</td>
<td>2.15</td>
<td>2.40</td>
<td>2.65</td>
<td>2.90</td>
<td>3.20</td>
<td>3.60</td>
<td>4.15</td>
<td>4.70</td>
<td>5.25</td>
</tr>
<tr>
<td>1723 (17)</td>
<td>2.15</td>
<td>2.40</td>
<td>2.70</td>
<td>2.90</td>
<td>3.20</td>
<td>3.65</td>
<td>4.20</td>
<td>4.80</td>
<td>5.30</td>
</tr>
<tr>
<td>1824 (18)</td>
<td>2.20</td>
<td>2.45</td>
<td>2.70</td>
<td>2.95</td>
<td>3.35</td>
<td>3.80</td>
<td>4.35</td>
<td>4.95</td>
<td>5.55</td>
</tr>
<tr>
<td>1925 (19)</td>
<td>2.20</td>
<td>2.45</td>
<td>2.75</td>
<td>3.00</td>
<td>3.30</td>
<td>3.75</td>
<td>4.30</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2027 (20)</td>
<td>2.25</td>
<td>2.50</td>
<td>2.75</td>
<td>3.00</td>
<td>3.35</td>
<td>3.80</td>
<td>4.35</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2128 (21)</td>
<td>2.25</td>
<td>2.50</td>
<td>2.80</td>
<td>3.05</td>
<td>3.40</td>
<td>3.80</td>
<td>4.40</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>MSID</strong></td>
<td>3.25*</td>
<td>3.25*</td>
<td>3.25*</td>
<td>3.75*</td>
<td>3.75*</td>
<td>4.75*</td>
<td>4.75*</td>
<td>5.75*</td>
<td>5.75*</td>
</tr>
</tbody>
</table>

*Do not postdilate greater than listed value.
†Do not exceed rated burst pressure.

Nominal pressure | Rated burst pressure
--- | ---
**Maximum stent I.D.**

---

**Medtronic**

Europe
Medtronic Intl. Trading SARL
Route du Molliau 31
Case Postale
CH-1131 Tolochenaz
Switzerland
Tel: 41.21.802.7000
Fax: 41.21.802.7900

Asia Pacific
Medtronic Intl. Ltd.
49 Cheng South Avenue 2
Nasaco Tech Centre
Singapore 486056
Singapore
Tel: 65.6436.5000
Fax: 65.6776.6335

Latin America
Medtronic USA, Inc.
Doral Corporate Center II
3750 NW 87th Avenue, Suite 700
Miami, FL 33178
USA
Tel: 305.500.9328
Fax: 786.709.4244

medtronic.com

© 2016 Medtronic. All rights reserved. Medtronic, Medtronic logo and Further, Together are trademarks of Medtronic. ™** Third-party brands are trademarks of their respective owners. All other brands are trademarks of a Medtronic company. For distribution only in markets where the Resolute Onyx™ coronary stent has been approved. Not for distribution in the USA, Japan or France. UC201606765ML 3/16