

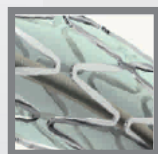
# Leader Plus™

Cobalt - Chromium Coronary Stent System

*“Performance delivered with success”*

Interventional  
Cardiology

Bare Metal  
Stents



#### Hybrid cell design

- Closed cell ends for good anchoring and open cell mid-section for low metal-to-artery ratio
- 2.25-2.75 mm Small Vessel design
- 3.00-4.00 mm Medium Vessel design

#### Innovative stent delivery system

- Low profile reinforced shaft design for improved pushability and trackability
- Rontis' proprietary hydrophilic coating, HiFlow, ensuring low friction forces
- Redesigned semi-compliant balloon providing homogeneous expansion and precise stent deployment
- 2, Platinum-Iridium marker bands for lower crossing profile and precise positioning
- No dog-boning effect



#### Soft tip

- Low profile, true 0.016", short and tapered atraumatic soft tip facilitates easier access across the tightest lesion



#### Folding pleating technology

- Fully automated tri-folding process for increased flexibility, lower balloon primary crossing profile and enhanced rewrap for minimal secondary profile
- Partially encapsulated stent with balloon material due to stent retention technology combining heat and pressure

## Technical Data

### Leader Plus™ Cobalt - Chromium Coronary Stent System

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Mode of exchange:                     | Rx                                    |
| Balloon material/characteristic:      | modified polyamide / semi - compliant |
| Guidewire compatibility (max):        | 0.014"                                |
| Usable Catheter Length:               | 140 cm                                |
| Guiding Catheter compatibility (min): | 5F                                    |
| Radiopaque markers:                   | 2, Platinum - Iridium                 |
| Nominal pressure:                     | 8 bar                                 |
| Rated Burst Pressure:                 | 16 bar                                |
| <b>Average Burst Pressure:</b>        | <b>28 bar</b>                         |
| Coating:                              | Hydrophilic, HiFlow                   |

### Stent Specifications

|                     |   |
|---------------------|---|
| Material:           | Cobalt Chromium MP35N   |
| Design:             | multi - cellular waveform type<br>SV version (small vessels) (∅ 2.25-2.75mm)<br>MV version (medium vessels) (∅ 3.00-4.00mm) |
| Strut thickness:    | 78 µm for small vessels<br>90 µm for medium vessels   |
| Elastic recoil:     | <4.6%   |
| Foreshortening:     | <4.6%   |
| Metal/Altery Ratio: | 13-17%  |
| Total shelf life:   | 4 years   |

## Ordering Information

| Stent Length | Balloon Diameter |         |         |         |         |         |
|--------------|------------------|---------|---------|---------|---------|---------|
|              | 2.25             | 2.50    | 2.75    | 3.00    | 3.50    | 4.00    |
| 08           | LP22/08          | LP25/08 | LP27/08 | N/A     | N/A     | N/A     |
| 10           | LP22/10          | LP25/10 | LP27/10 | LP30/10 | N/A     | N/A     |
| 12           | LP22/12          | LP25/12 | LP27/12 | LP30/12 | LP35/12 | N/A     |
| 16           | LP22/16          | LP25/16 | LP27/16 | LP30/16 | LP35/16 | LP40/16 |
| 18           | LP22/18          | LP25/18 | LP27/18 | LP30/18 | LP35/18 | LP40/18 |
| 20           | LP22/20          | LP25/20 | LP27/20 | LP30/20 | LP35/20 | LP40/20 |
| 24           | N/A              | LP25/24 | LP27/24 | LP30/24 | LP35/24 | LP40/24 |
| 30           | N/A              | N/A     | LP27/30 | LP30/30 | LP35/30 | LP40/30 |

1 French (Fr)=0.33 mm 1 inch = 25.45 mm 1 bar = 100 kPascal 0.987 Atm = 14.505 psi

N/A: not available

