

Ordering Information

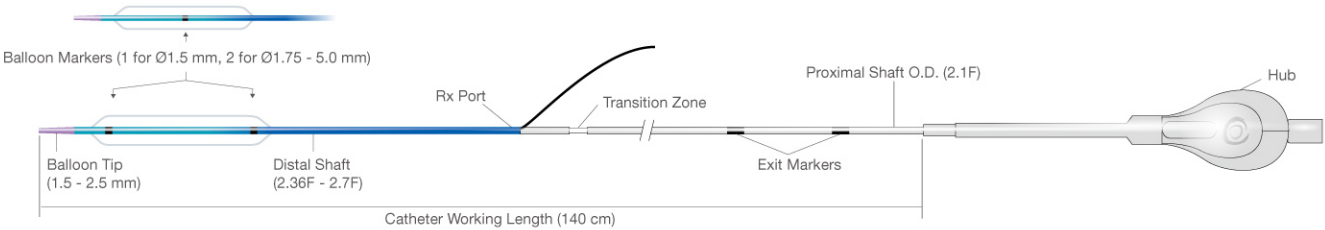
NL Manufacturing Catalogue Numbers

| Balloon Diameter (mm) | Balloon Working Length (mm) |           |           |           |           |           |           |
|-----------------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                       | 8                           | 10        | 12        | 15        | 18        | 22        | 26        |
| 1.5                   | 215-084-5                   | 215-104-5 | 215-124-5 | 215-154-5 | 215-184-5 | 215-224-5 | 215-264-5 |
| 1.75                  | 217-084-5                   | 217-104-5 | 217-124-5 | 217-154-5 | 217-184-5 | 217-224-5 | 217-264-5 |
| 2.0                   | 220-084-5                   | 220-104-5 | 220-124-5 | 220-154-5 | 220-184-5 | 220-224-5 | 220-264-5 |
| 2.25                  | 222-084-5                   | 222-104-5 | 222-124-5 | 222-154-5 | 222-184-5 | 222-224-5 | 222-264-5 |
| 2.5                   | 225-084-5                   | 225-104-5 | 225-124-5 | 225-154-5 | 225-184-5 | 225-224-5 | 225-264-5 |
| 2.75                  | 227-084-5                   | 227-104-5 | 227-124-5 | 227-154-5 | 227-184-5 | 227-224-5 | 227-264-5 |
| 2.875                 | 228-084-5                   | 228-104-5 | 228-124-5 | 228-154-5 | 228-184-5 | 228-224-5 | 228-264-5 |
| 3.0                   | 230-084-5                   | 230-104-5 | 230-124-5 | 230-154-5 | 230-184-5 | 230-224-5 | 230-264-5 |
| 3.25                  | 232-084-5                   | 232-104-5 | 232-124-5 | 232-154-5 | 232-184-5 | 232-224-5 | 232-264-5 |
| 3.5                   | 235-084-5                   | 235-104-5 | 235-124-5 | 235-154-5 | 235-184-5 | 235-224-5 | 235-264-5 |
| 3.75                  | 237-084-5                   | 237-104-5 | 237-124-5 | 237-154-5 | 237-184-5 | 237-224-5 | 237-264-5 |
| 4.0                   | 240-084-5                   | 240-104-5 | 240-124-5 | 240-154-5 | 240-184-5 | 240-224-5 | 240-264-5 |
| 4.5                   | 245-084-5                   | 245-104-5 | 245-124-5 | 245-154-5 | 245-184-5 | 245-224-5 | 245-264-5 |
| 5.0                   | 250-084-5                   | 250-104-5 | 250-124-5 | 250-154-5 | 250-184-5 | 250-224-5 | 250-264-5 |

Compliance Chart

| Pressure (atm) | Balloon Diameter (mm) |      |      |      |      |      |       |      |      |      |      |      |      |      |
|----------------|-----------------------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
|                | 1.50                  | 1.75 | 2.0  | 2.25 | 2.5  | 2.75 | 2.875 | 3.0  | 3.25 | 3.5  | 3.75 | 4.0  | 4.5  | 5.0  |
| 6              | 1.43                  | 1.69 | 1.93 | 2.17 | 2.42 | 2.66 | 2.78  | 2.90 | 3.13 | 3.38 | 3.60 | 3.86 | 4.31 | 4.80 |
| 8              | 1.45                  | 1.70 | 1.95 | 2.19 | 2.44 | 2.68 | 2.80  | 2.93 | 3.16 | 3.41 | 3.64 | 3.90 | 4.36 | 4.85 |
| 10             | 1.47                  | 1.72 | 1.96 | 2.21 | 2.46 | 2.70 | 2.83  | 2.95 | 3.19 | 3.44 | 3.68 | 3.93 | 4.41 | 4.90 |
| 12             | 1.48                  | 1.73 | 1.98 | 2.23 | 2.48 | 2.73 | 2.85  | 2.98 | 3.22 | 3.47 | 3.71 | 3.97 | 4.45 | 4.95 |
| 14 NOM*        | 1.50                  | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 2.875 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 | 4.50 | 5.00 |
| 16             | 1.52                  | 1.77 | 2.02 | 2.27 | 2.52 | 2.77 | 2.90  | 3.02 | 3.28 | 3.53 | 3.79 | 4.03 | 4.55 | 5.05 |
| 18             | 1.53                  | 1.78 | 2.04 | 2.29 | 2.54 | 2.80 | 2.92  | 3.05 | 3.31 | 3.56 | 3.82 | 4.07 | 4.59 | 5.10 |
| 20 (RBP)**     | 1.55                  | 1.80 | 2.05 | 2.31 | 2.56 | 2.82 | 2.95  | 3.07 | 3.34 | 3.59 | 3.86 | 4.10 | 4.64 | 5.15 |
| 22 (RBP)**     | 1.57                  | 1.81 | 2.07 | 2.33 | 2.58 | 2.84 | 2.97  | 3.10 | 3.37 | 3.62 | 3.90 | 4.14 | 4.69 | 5.20 |
| 24 (RBP)**     | 1.58                  | 1.83 | 2.09 | 2.35 | 2.60 | 2.86 | 2.99  | 3.12 | 3.40 | 3.65 | 3.93 | 4.17 | 4.73 | 5.25 |
| 26             | 1.60                  | 1.84 | 2.11 | 2.37 | 2.62 | 2.89 | 3.02  | 3.15 | 3.43 | 3.67 | 3.97 | 4.21 | -    | -    |
| 28             | 1.62                  | 1.86 | 2.12 | 2.39 | 2.64 | 2.91 | 3.04  | 3.17 | 3.46 | 3.70 | -    | -    | -    | -    |

\* Nominal Pressure. The nominal in vitro device specifications do not take into account any lesion resistance.  
\*\* Rated Burst Pressure. Do not exceed RBP



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\* Only for Belgium, Denmark, France, Germany, Ireland, Netherlands, Norway, Sweden and UK

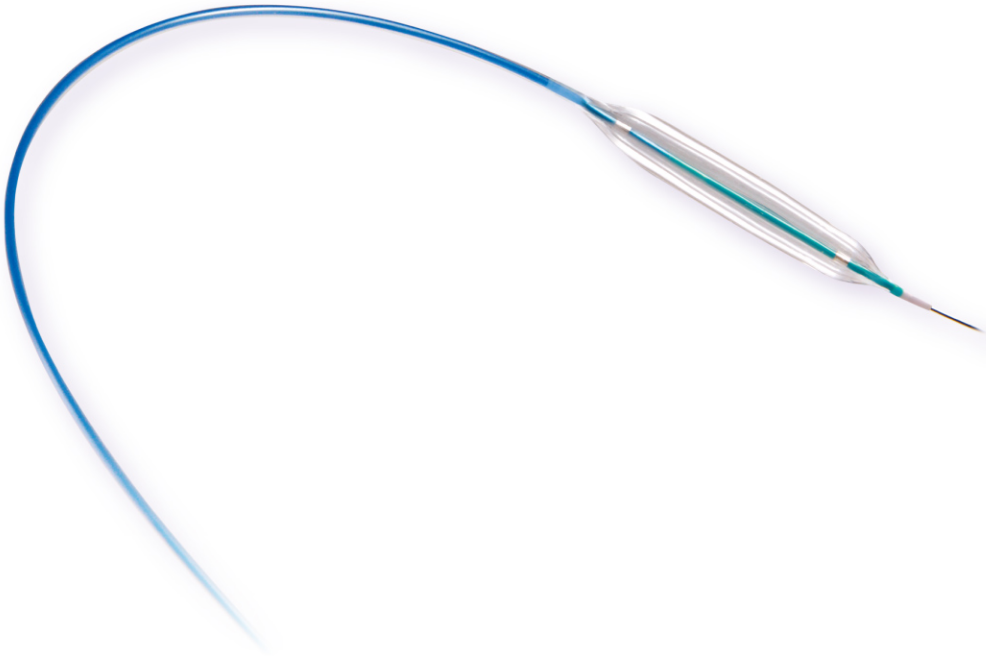
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Sapphire NC24 is approved for sale in the USA with USA specific catalog numbers.

G-70-1069 Rev09

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Engineered for *true controlled compliance*,  
*high pressure tolerance* and *re-crossability*



Introducing  
24 atm RBP

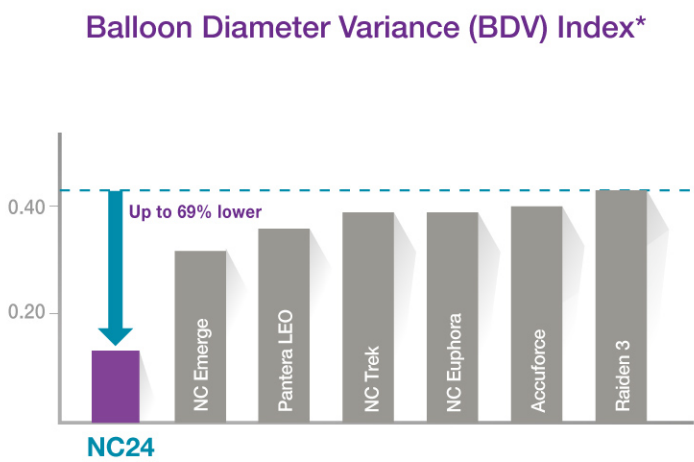
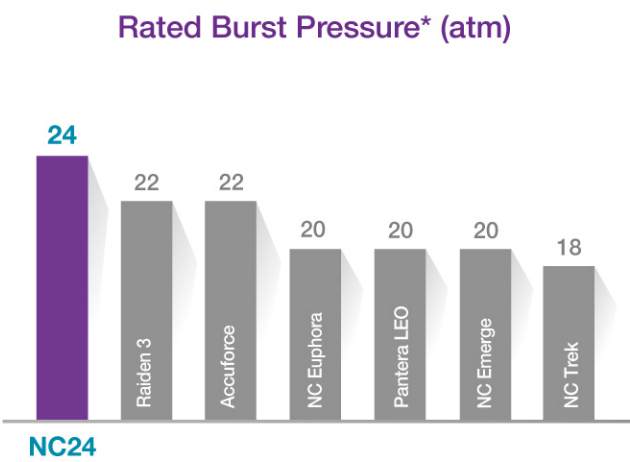
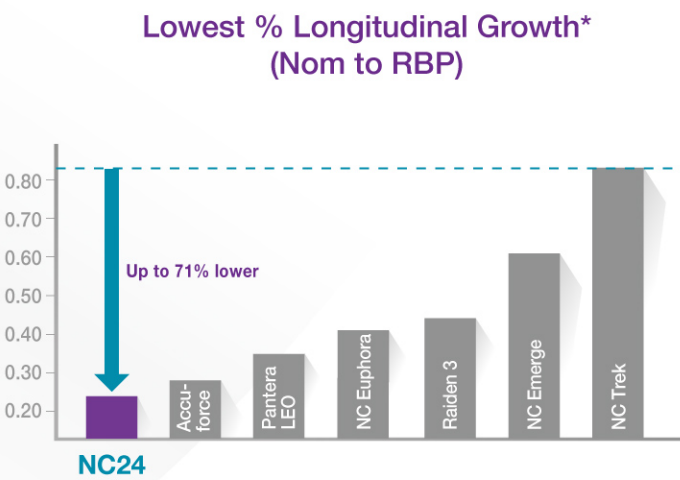
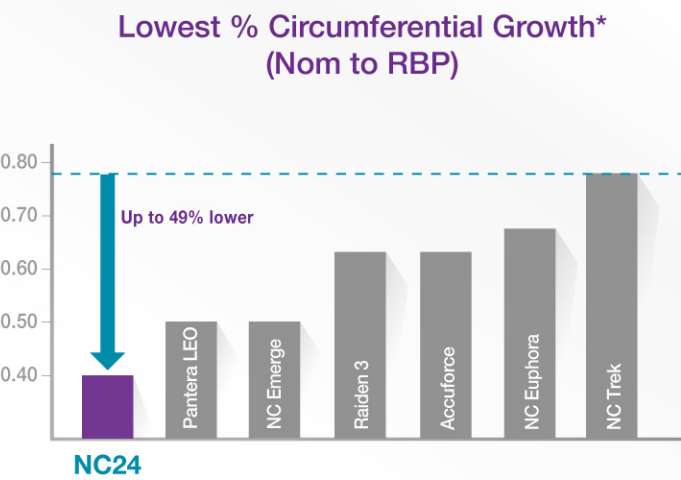


# Sapphire NC24 offers a complete balance for true controlled compliance, high pressure tolerance and re-crossability

**Controlled Balloon Compliance** for most accurate sizing and stent optimization

**RBP at 24 atm** for high pressure tolerance

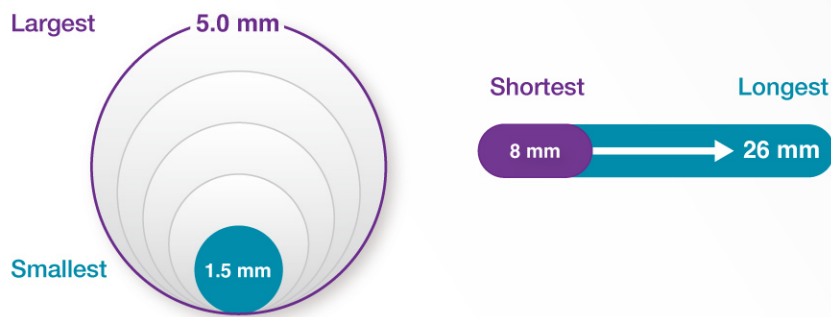
**Dog-bone Effect** (ex vivo)



\*Data on file based on Ø 3.0mm balloons

Broad range of balloon diameters and working lengths

New **1.5 mm** diameter and **22 mm & 26 mm** lengths for broader range of vessel treatment



The Most Competitive **Crossing** and **Tip Entry** Profile\* (Ø 3.0 mm)



\* Data on file.

## Technical Specifications

|                         |                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Proximal Shaft          | 2.1F                                                                                                                           |
| Distal Shaft            | 2.36 - 2.7F (Ø1.5 - 5.0 mm)                                                                                                    |
| Catheter Working Length | 140 cm                                                                                                                         |
| Tip Length              | 1.5 mm - 2.5 mm (Ø1.5 - 5.0 mm)                                                                                                |
| Marker Bands            | 1 (Ø1.5 mm), 2 (Ø1.75 - 5.0 mm)                                                                                                |
| Balloon Folds           | 3 (Ø1.5 - 3.0 mm), 5 (Ø3.25 - 5.0 mm)                                                                                          |
| Coating                 | <ul style="list-style-type: none"><li>Hydrophilic (tip to guidewire exit port)</li><li>Hydrophobic (guidewire lumen)</li></ul> |
| Nominal Pressure        | 14 atm                                                                                                                         |
| Rated Burst Pressure    | 24 atm (Ø1.5 - 3.5 mm), 22 atm (Ø3.75 - 4.0 mm), 20 atm (Ø4.5 - 5.0 mm)                                                        |