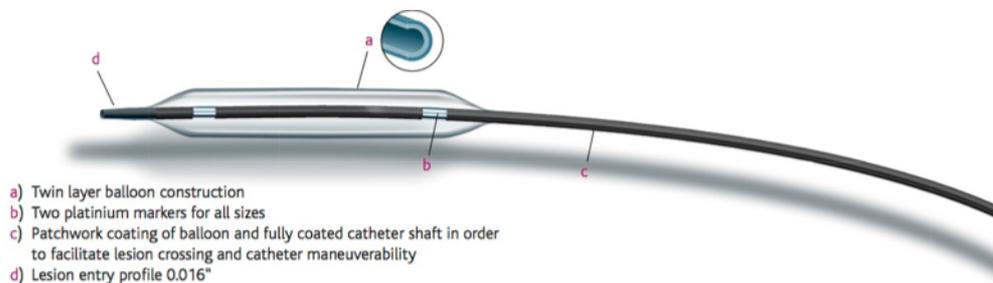


# OPN NC - Super High Pressure PTCA Balloon

Unique twin layer balloon construction - providing highest RPB - 35atm



## Specifications:

*dviejų sluoksnių balionėlio sienelė*

- Twin layer balloon construction with virtually zero dog – boning effect
- Super high pressure PTCA balloon (RPB 35atm) *išbandytasis plyšimo slėgis (RBP - angl.) - ne mažesnis nei 35 atm;*
- Long tapered tip design for a better cross ability
- Better crossing profile (0.028" 2.0mm) than scoring - and cutting balloons
- Min. guiding catheter: 5F
- Two platinum markers for all sizes: available from 1.5 – 4.5mm diameter
- Linear compliance curve up to over 40atm

Lowest compliance on the market

## Compliance Chart:

### Balloon Compliance:

| Bar       | MPa        | mm          |            |
|-----------|------------|-------------|------------|
| <b>10</b> | <b>1.0</b> | <b>2.50</b> | <b>NOM</b> |
| 20        | 2.0        | 2.60        |            |
| 30        | 3.0        | 2.70        |            |
| <b>35</b> | <b>3.5</b> | <b>2.77</b> | <b>RBP</b> |

## Indications for high- and super high pressure dilations:

- Highly calcified lesions
  - Undilatable lesions
  - In combination with rotablation
  - CTO's (CTO - chronic total occlusions)
  - Successful treatment of in-stent-restenosis
  - Pre- and postdilation in combination with BVS (Bioresorbable Vascular Scaffold)
  - Replacing cutting- and scoring balloons
- The most economical solution for complex PTCA**

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## Experience after successful treatment of over 50'000 patients:

- Lower rates of dissections
- No perforations known
- Good results in pre-and postdilatation by using BVS = no damages of stent-struts
- Better stent apposition (shown in optical coherence tomography - OCT)
- Successful treatment of instent-restenosis (ISR)
- An effective and safe strategy to treat highly calcified lesions

## Publications:

Is High Pressure Postdilation Safe in BVS?

Very High Pressure Dilations for Undilatable Coronary Lesions

A new approach to treat In-Stent-Restenosis

Lésion résistante

Apport du ballon no compliant à très haute Pression dans la prise en Charge des lésion coronaires résistantes réfractaires

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*komplektuojami su specialiais iki 40 atm slėgio atlaikančiais išpūtimo švirkštais (inflation device, - angl.).  
FORMEDICS KOMPLEKTUOJA SU ŠIO GAMINTOJO IŠPŪTIMO ŠVIRKŠTAIS*

## Ordering Information:

| Article Number | Balloon Diameter | Length | RBP    | Min. Guiding |
|----------------|------------------|--------|--------|--------------|
| 150-010-004    | 1.5 mm           | 10 mm  | 35 atm | 5F           |
| 150-015-004    | 1.5 mm           | 15 mm  | 35 atm | 5F           |
| 150-020-004    | 1.5 mm           | 20 mm  | 35 atm | 5F           |
| 200-010-004    | 2.0 mm           | 10 mm  | 35 atm | 5F           |
| 200-015-004    | 2.0 mm           | 15 mm  | 35 atm | 5F           |
| 200-020-004    | 2.0 mm           | 20 mm  | 35 atm | 5F           |
| 250-010-004    | 2.5 mm           | 10 mm  | 35 atm | 5F           |
| 250-015-004    | 2.5 mm           | 15 mm  | 35 atm | 5F           |
| 250-020-004    | 2.5 mm           | 20 mm  | 35 atm | 5F           |
| 300-010-004    | 3.0 mm           | 10 mm  | 35 atm | 5F           |
| 300-015-004    | 3.0 mm           | 15 mm  | 35 atm | 5F           |
| 300-020-004    | 3.0 mm           | 20 mm  | 35 atm | 5F           |

| Article Number | Balloon Diameter | Length | RBP    | Min. Guiding |
|----------------|------------------|--------|--------|--------------|
| 350-010-004    | 3.5 mm           | 10 mm  | 35 atm | 5F           |
| 350-015-004    | 3.5 mm           | 15 mm  | 35 atm | 5F           |
| 350-020-004    | 3.5 mm           | 20 mm  | 35 atm | 5F           |
| 400-010-004    | 4.0 mm           | 10 mm  | 35 atm | 5F           |
| 400-015-004    | 4.0 mm           | 15 mm  | 35 atm | 5F           |
| 400-020-004    | 4.0 mm           | 20 mm  | 35 atm | 5F           |
| 450-010-004    | 4.5 mm           | 10 mm  | 35 atm | 5F           |
| 450-015-004    | 4.5 mm           | 15 mm  | 35 atm | 5F           |
| 450-020-004    | 4.5 mm           | 20 mm  | 35 atm | 5F           |

*diametrai - nuo 2,0 mm iki 4,0 mm*

*ilgiai - nuo 10 mm iki 20 mm;*