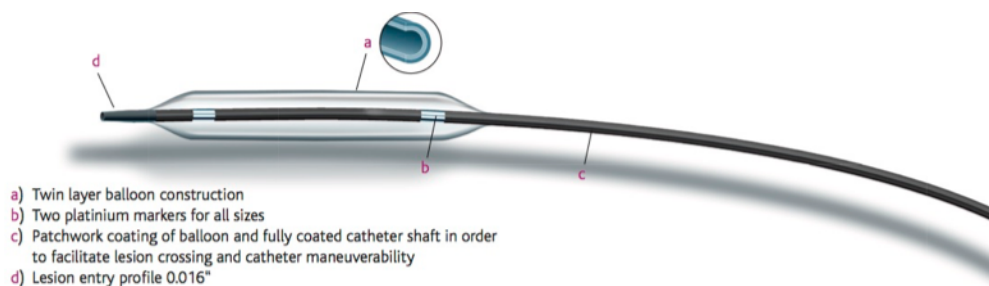


OPN NC - Super High Pressure PTCA Balloon

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



Specifications:

- Twin layer balloon construction with virtually zero dog – boning effect
- Super high pressure PTCA balloon (RPB 35atm)
- 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	
10	1.0	2.50	NOM
20	2.0	2.60	
30	3.0	2.70	
35	3.5	2.77	RBP

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**

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 in-stent-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

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	20mm	35 atm	5F
250-010-004	2.5 mm	10 mm	35 atm	5F
250-015-004	2.5 mm	15mm	35 atm	5F
250-020-004	2.5 mm	20 mm	35 atm	5F
300-010-004	3.0 mm	10mm	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