

Vascularperspectives

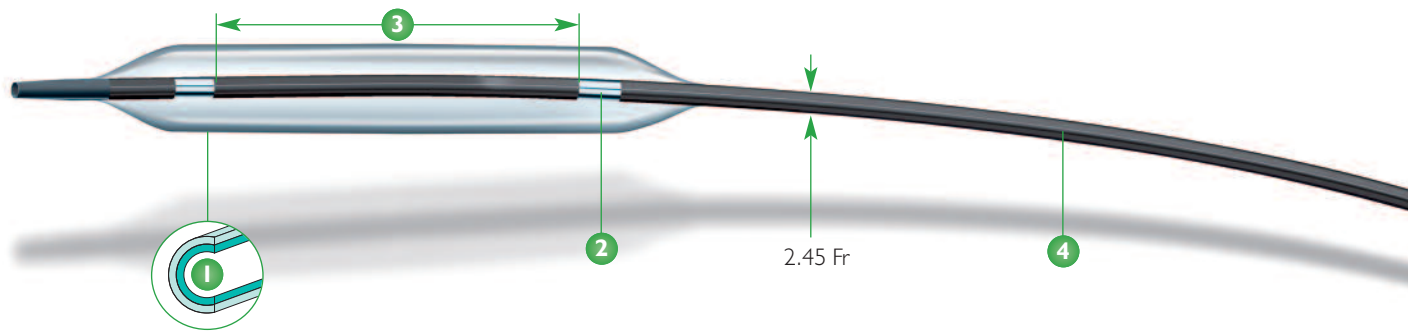
innovations for the interventionalist

OPN NC 35atm HIGH-PRESSURE BALLOON

Unique twin-layer balloon technology
with low compliance

A twin-layered high-pressure (RBP 35 atm) NC balloon designed to dilate stents or lesions where 20 atm proves to be insufficient.

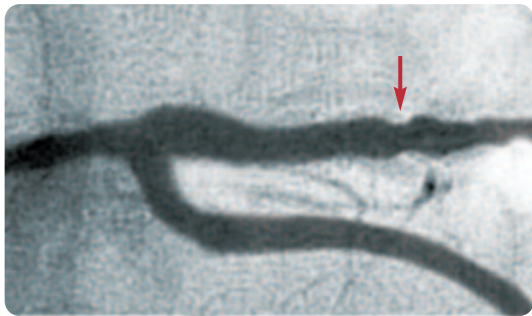
40 atm Inflation Device is also available.



- 1 Twin layer balloon construction
- 2 Two platinum markers for all sizes
- 3 All balloon lengths for the OPN are measured between the inside edge of each marker
- 4 Patchwork coating of balloon and fully coated catheter shaft in order to facilitate lesion crossing and catheter manoeuvrability

Case Study

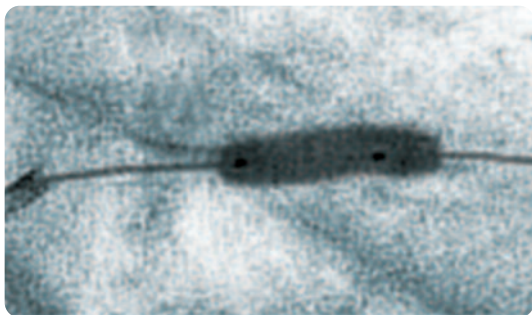
Images kindly provided by Doctor J P Gunn, Consultant Cardiologist Northern General Hospital, Sheffield



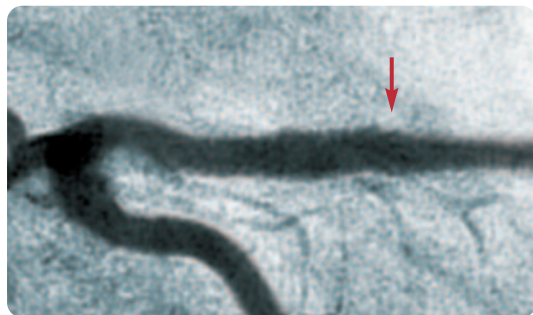
Constricted double layer of stents creates dog-boning



OPN 3 x 10mm at 42 atm.



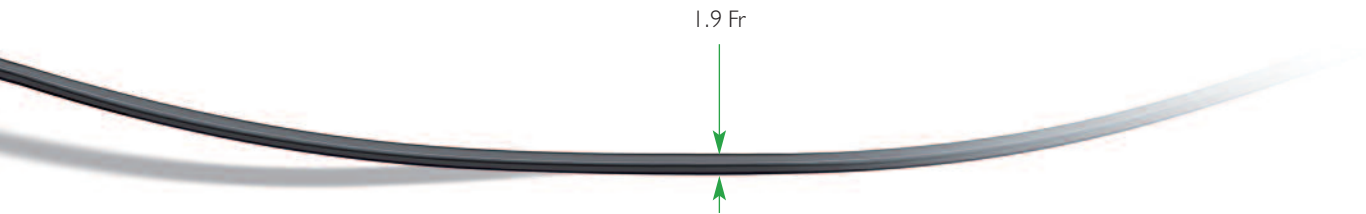
OPN 3.5 x 10mm at 40 atm



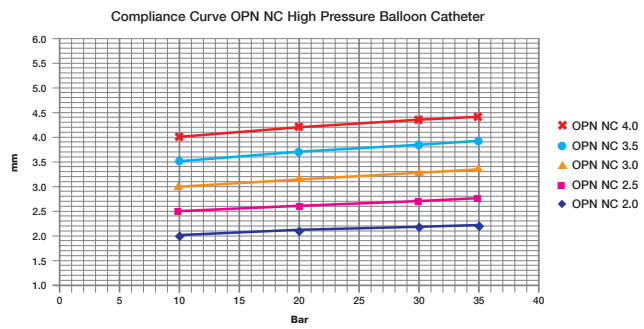
Final result

Vascular perspectives

innovations for the interventionalist

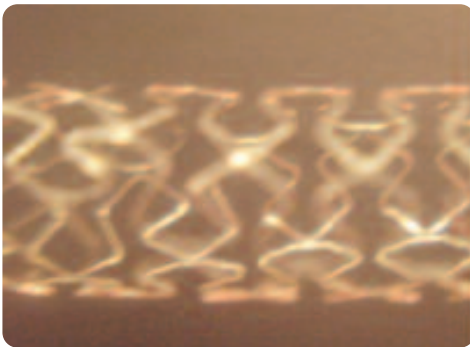


Please note:
The OPN Balloon requires high pressure Inflation Device (Cat. No. 96346) to achieve 35atm RBP

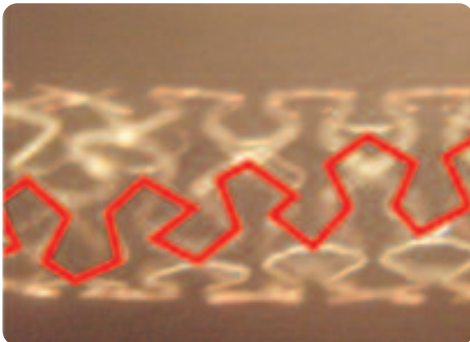


Stent strut configurations at:

25atm

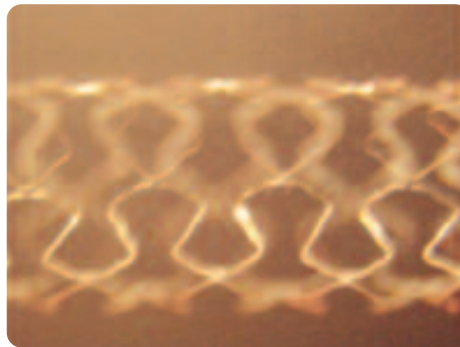


In vitro stent following expansion at 25atm with OPN NC Balloon

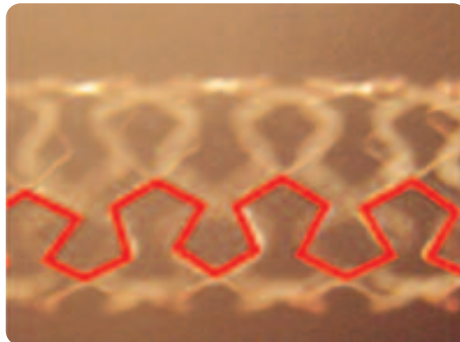


Irregular cell pattern and stent expansion at 25atm

35atm



In vitro stent following expansion at 35atm with OPN NC Balloon



Uniform cell shape and stent expansion at 35atm

Ordering information

OPN NC®

Cat. Number	Balloon Diameter	Balloon Length	RBP
200-010-004	2.0mm	10mm	35 bar
200-015-004	2.0mm	15mm	35 bar
200-020-004	2.0mm	20mm	35 bar
250-010-004	2.5mm	10mm	35 bar
250-015-004	2.5mm	15mm	35 bar
250-020-004	2.5mm	20mm	35 bar
300-010-004	3.0mm	10mm	35 bar
300-015-004	3.0mm	15mm	35 bar
300-020-004	3.0mm	20mm	35 bar
350-010-004	3.5mm	10mm	35 bar
350-015-004	3.5mm	15mm	35 bar
350-020-004	3.5mm	20mm	35 bar
400-010-004	4.0mm	10mm	35 bar
400-015-004	4.0mm	15mm	35 bar
400-020-004	4.0mm	20mm	35 bar

Inflation Device

Cat. Number	Max atm
96346	40

