



SIS  MEDICAL

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“Whatever we claim to have –
only your own experience with our products will convince you.”

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SIS MEDICAL AG

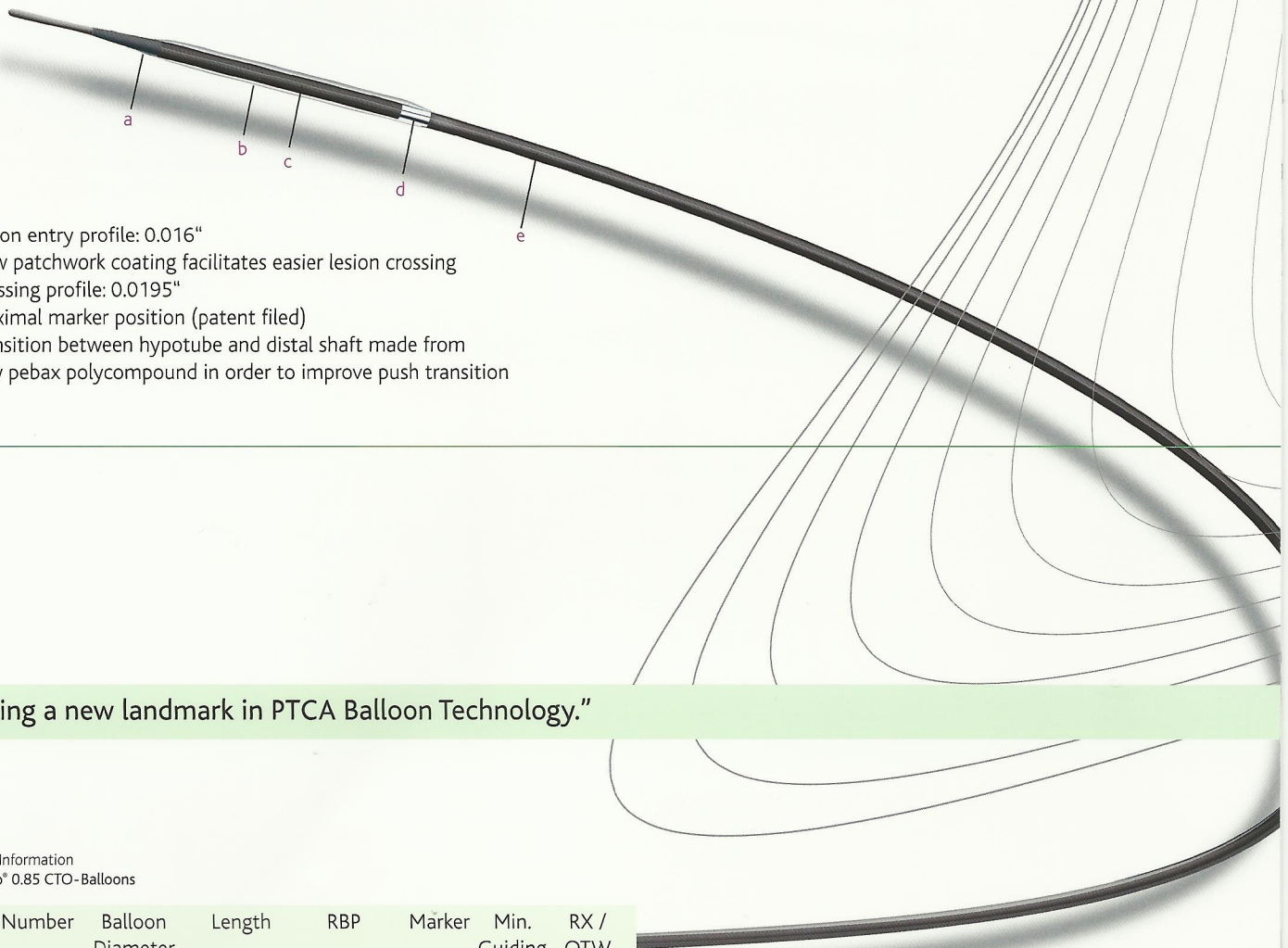
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NIC Nano[®] 0.85 CTO-Balloons

For your most challenging cases

- Available in RX and OTW version
- OTW version with 160 cm usable length
- High rated burst pressure: 23 atm (bar)

- Low compliant: 0.85 mm at nominal pressure
1.00 mm at 23 atm



- a) Lesion entry profile: 0.016"
- b) New patchwork coating facilitates easier lesion crossing
- c) Crossing profile: 0.0195"
- d) Proximal marker position (patent filed)
- e) Transition between hypotube and distal shaft made from new pebax polycompound in order to improve push transition

"Setting a new landmark in PTCA Balloon Technology."

Ordering Information
NIC Nano[®] 0.85 CTO-Balloons

Article Number	Balloon Diameter	Length	RBP	Marker	Min. Guiding	RX / OTW
085-010-005	0.85 mm	10 mm	23 bar	1 prox.	5F	RX
085-015-005	0.85 mm	15 mm	23 bar	1 prox.	5F	RX
085-010-034	0.85 mm	10 mm	23 bar	1 prox.	5F	OTW
085-015-034	0.85 mm	15 mm	23 bar	1 prox.	5F	OTW

NIC 1.1[®] ULP CTO-Balloons

For subtotal and total occlusions

- Available in RX and OTW version
- OTW version with 160 cm usable length
- Ultra low profile to access even more challenging CTOs
- 18 bar rated burst pressure (RBP)
- Unique tapered tip
- 1 single central marker



- a) Transition between hypotube and distal shaft made from new pebax polycompound in order to improve push transition
- b) New patchwork coating facilitates easier lesion crossing
- c) Crossing profile: 0.0205"
- d) Lesion entry profile: 0.016"

"A real added value to your interventional armentarium."

Ordering Information
NIC 1.1[®] ULP CTO-Balloons

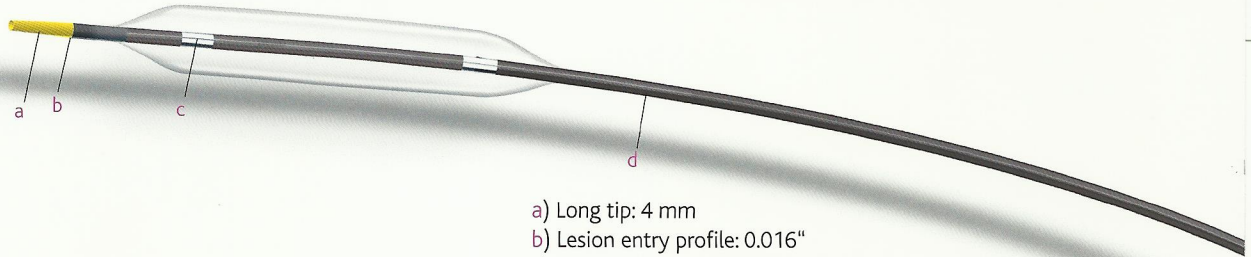
Article Number	Balloon Diameter	Length	RBP	Min. Guiding	RX / OTW
110-010-005	1.1 mm	10 mm	18 bar	5F	RX
110-012-005	1.1 mm	12 mm	18 bar	5F	RX
110-015-005	1.1 mm	15 mm	18 bar	5F	RX
110-017-005	1.1 mm	17 mm	18 bar	5F	RX
110-020-005	1.1 mm	20 mm	18 bar	5F	RX
110-022-005	1.1 mm	22 mm	18 bar	5F	RX
110-010-034	1.1 mm	10 mm	18 bar	5F	OTW
110-012-034	1.1 mm	12 mm	18 bar	5F	OTW
110-015-034	1.1 mm	15 mm	18 bar	5F	OTW
110-017-034	1.1 mm	17 mm	18 bar	5F	OTW
110-020-034	1.1 mm	20 mm	18 bar	5F	OTW
110-022-034	1.1 mm	22 mm	18 bar	5F	OTW



TIN[®] – High Performance PTCA Balloons

On the move to set new standards in PTCA balloon technology

- Long tip (4 mm) and low profile for easy lesion crossing
- 20 bar rated burst pressure (RBP)
- Low compliant
- Excellent trackability
- Improved recrossing and second lesion treatment due to new shaft welding technique



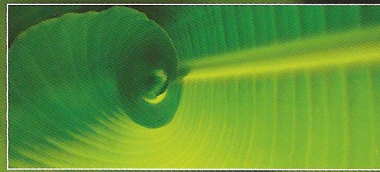
- a) Long tip: 4 mm
- b) Lesion entry profile: 0.016"
- c) Lesion crossing profile: 0.0245" (for TIN 1.5 mm)
- d) Hypotube shaft diameter: 1.9 F

"Supporting you with safety and high performance in your daily work."

Ordering Information
TIN[®] – High Performance PTCA Balloons (RX)

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
150-010-005	1.5 mm	10 mm	20 bar	5F
150-012-005	1.5 mm	12 mm	20 bar	5F
150-015-005	1.5 mm	15 mm	20 bar	5F
150-017-005	1.5 mm	17 mm	20 bar	5F
150-020-005	1.5 mm	20 mm	20 bar	5F
150-022-005	1.5 mm	22 mm	20 bar	5F
200-010-005	2.0 mm	10 mm	20 bar	5F
200-012-005	2.0 mm	12 mm	20 bar	5F
200-015-005	2.0 mm	15 mm	20 bar	5F
200-017-005	2.0 mm	17 mm	20 bar	5F
200-020-005	2.0 mm	20 mm	20 bar	5F
200-022-005	2.0 mm	22 mm	20 bar	5F
250-010-005	2.5 mm	10 mm	20 bar	5F
250-012-005	2.5 mm	12 mm	20 bar	5F
250-015-005	2.5 mm	15 mm	20 bar	5F
250-017-005	2.5 mm	17 mm	20 bar	5F
250-020-005	2.5 mm	20 mm	20 bar	5F
250-022-005	2.5 mm	22 mm	20 bar	5F
300-010-005	3.0 mm	10 mm	20 bar	5F
300-012-005	3.0 mm	12 mm	20 bar	5F
300-015-005	3.0 mm	15 mm	20 bar	5F

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
300-017-005	3.0 mm	17 mm	20 bar	5F
300-020-005	3.0 mm	20 mm	20 bar	5F
300-022-005	3.0 mm	22 mm	20 bar	5F
350-010-005	3.5 mm	10 mm	20 bar	5F
350-012-005	3.5 mm	12 mm	20 bar	5F
350-015-005	3.5 mm	15 mm	20 bar	5F
350-017-005	3.5 mm	17 mm	20 bar	5F
350-020-005	3.5 mm	20 mm	20 bar	5F
350-022-005	3.5 mm	22 mm	20 bar	5F
400-010-005	4.0 mm	10 mm	20 bar	5F
400-012-005	4.0 mm	12 mm	20 bar	5F
400-015-005	4.0 mm	15 mm	20 bar	5F
400-017-005	4.0 mm	17 mm	20 bar	5F
400-020-005	4.0 mm	20 mm	20 bar	5F
400-022-005	4.0 mm	22 mm	20 bar	5F
450-010-005	4.5 mm	10 mm	20 bar	5F
450-012-005	4.5 mm	12 mm	20 bar	5F
450-015-005	4.5 mm	15 mm	20 bar	5F
450-017-005	4.5 mm	17 mm	20 bar	5F
450-020-005	4.5 mm	20 mm	20 bar	5F
450-022-005	4.5 mm	22 mm	20 bar	5F



BEO NC[®] Low Profile High Pressure PTCA Balloons

Combining excellent trackability and safety

- Available in RX and OTW version
- OTW version with 160 cm usable length
- High Rated Burst Pressure (RBP): 24 bar
- Excellent lesion crossing profile
- Unique two-step tip: gradual tip flexibility
- Non compliant

“Meeting your needs and reducing your stock by providing one balloon for pre- and post-dilation!”

Indications:

- Excellent profile for predilation of even most complex lesions
- Postdilation of stents with the pressure you need

Advantages:

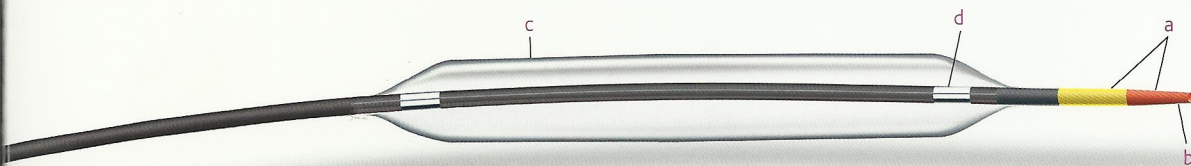
- Excellent lesion crossing profile
- Novel two-step distal tip technology providing excellent lesion entry access and lesion crossing as well as improved recrossing of stent struts for side branch access

Ordering Information BEO NC[®] Low Profile High Pressure PTCA Balloons

Article Number	Balloon Diameter	Length	RBP	Min. Guiding	RX / OTW
150-012-034	1.5 mm	12 mm	24 bar	5F	RX
150-017-034	1.5 mm	17 mm	24 bar	5F	RX
150-022-034	1.5 mm	22 mm	24 bar	5F	RX
150-010-034	1.5 mm	10 mm	24 bar	5F	OTW
150-015-034	1.5 mm	15 mm	24 bar	5F	OTW
150-020-034	1.5 mm	20 mm	24 bar	5F	OTW

Ordering Information BEO NC[®] Low Profile High Pressure PTCA Balloons (RX: 2.0-4.5 mm)

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
200-010-034	2.0 mm	10 mm	24 bar	5F
200-012-034	2.0 mm	12 mm	24 bar	5F
200-015-034	2.0 mm	15 mm	24 bar	5F
200-017-034	2.0 mm	17 mm	24 bar	5F
200-020-034	2.0 mm	20 mm	24 bar	5F
200-022-034	2.0 mm	22 mm	24 bar	5F
200-025-034	2.0 mm	25 mm	24 bar	5F
200-030-034	2.0 mm	30 mm	24 bar	5F
250-010-034	2.5 mm	10 mm	24 bar	5F
250-012-034	2.5 mm	12 mm	24 bar	5F
250-015-034	2.5 mm	15 mm	24 bar	5F
250-017-034	2.5 mm	17 mm	24 bar	5F
250-020-034	2.5 mm	20 mm	24 bar	5F
250-022-034	2.5 mm	22 mm	24 bar	5F
250-025-034	2.5 mm	25 mm	24 bar	5F
250-030-034	2.5 mm	30 mm	24 bar	5F



- a) Two-step tip design with soft (red) and intermediate (yellow) part
- b) Lesion entry profile: 0.016"
- c) High pressure resistant thin wall balloon construction
- d) Lesion Crossing profile: 0.022" (for BEO 1.5)

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
300-010-034	3.0 mm	10 mm	24 bar	5F
300-012-034	3.0 mm	12 mm	24 bar	5F
300-015-034	3.0 mm	15 mm	24 bar	5F
300-017-034	3.0 mm	17 mm	24 bar	5F
300-020-034	3.0 mm	20 mm	24 bar	5F
300-022-034	3.0 mm	22 mm	24 bar	5F
300-025-034	3.0 mm	25 mm	24 bar	5F
300-030-034	3.0 mm	30 mm	24 bar	5F
350-010-034	3.5 mm	10 mm	24 bar	5F
350-012-034	3.5 mm	12 mm	24 bar	5F
350-015-034	3.5 mm	15 mm	24 bar	5F
350-017-034	3.5 mm	17 mm	24 bar	5F
350-020-034	3.5 mm	20 mm	24 bar	5F
350-022-034	3.5 mm	22 mm	24 bar	5F
350-025-034	3.5 mm	25 mm	24 bar	5F
350-030-034	3.5 mm	30 mm	24 bar	5F

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
400-010-034	4.0 mm	10 mm	24 bar	5F
400-012-034	4.0 mm	12 mm	24 bar	5F
400-015-034	4.0 mm	15 mm	24 bar	5F
400-017-034	4.0 mm	17 mm	24 bar	5F
400-020-034	4.0 mm	20 mm	24 bar	5F
400-022-034	4.0 mm	22 mm	24 bar	5F
400-025-034	4.0 mm	25 mm	24 bar	5F
400-030-034	4.0 mm	30 mm	24 bar	5F
450-010-034	4.5 mm	10 mm	24 bar	5F
450-012-034	4.5 mm	12 mm	24 bar	5F
450-015-034	4.5 mm	15 mm	24 bar	5F
450-017-034	4.5 mm	17 mm	24 bar	5F
450-020-034	4.5 mm	20 mm	24 bar	5F
450-022-034	4.5 mm	22 mm	24 bar	5F
450-025-034	4.5 mm	25 mm	24 bar	5F
450-030-034	4.5 mm	30 mm	24 bar	5F

OPN NC[®] Super High Pressure PTCA Balloons

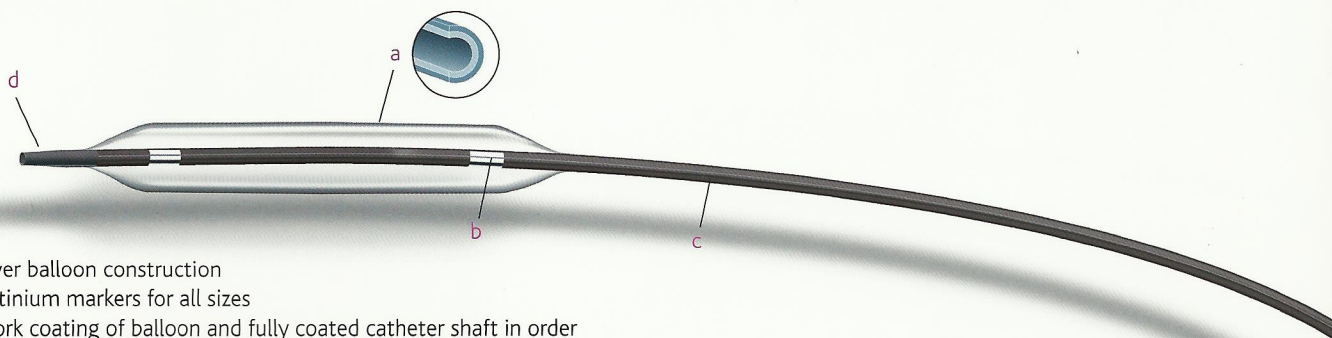
Highest rated burst pressure of 35 bar

Indications:

- For treating calcified lesions
- For post dilation of stents

Advantages:

- Highest pressure resistance: 35 bar
- Unmet performance in highly calcified lesions
- Twin layer balloon technology (patent filed)
- No dog-boning due to double balloon design which ensures uniform balloon diameter at any pressure



- a) Twin layer balloon construction
- b) Two platinum markers for all sizes
- c) Patchwork coating of balloon and fully coated catheter shaft in order to facilitate lesion crossing and catheter maneuverability
- d) Lesion entry profile 0.016"

Ordering Information OPN NC[®] High Pressure PTCA Balloons (RX)

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

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

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