

## SeQuent<sup>®</sup> NEO & SeQuent<sup>®</sup> NEO NC

Uncoated PTCA balloon  
catheter: Semi-Compliant  
and Non-Compliant

# SeQuent<sup>®</sup> NEO

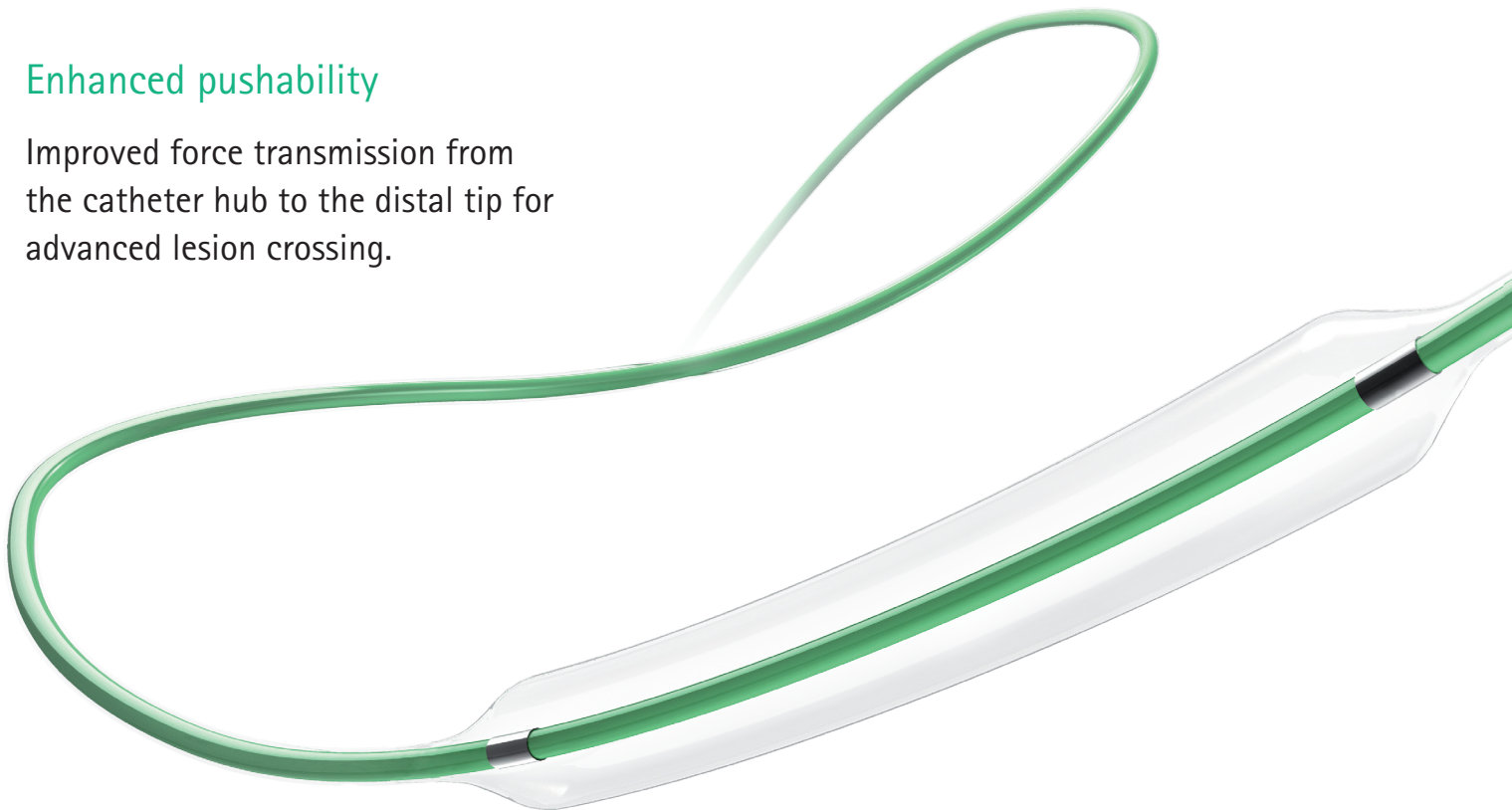
Dedicated and efficient tool for your daily clinical challenges

## Advanced crossing performance

The SeQuent<sup>®</sup> NEO PTCA catheter will assist you to succeed even in complex anatomies. SeQuent<sup>®</sup> NEO offers advanced crossing performance achieved by a balanced combination of pushability, small balloon profile and smooth catheter tracking.

### Enhanced pushability

Improved force transmission from the catheter hub to the distal tip for advanced lesion crossing.



### Innovative hydrophilic coating

Smooth catheter tracking for easy lesion access in challenging anatomies.



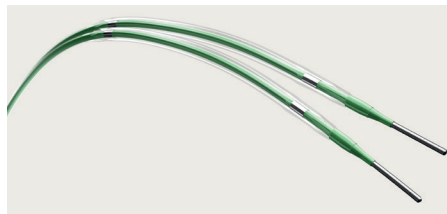
### Lower tip and balloon profile

Low profile design delivers flexibility and lesion access.



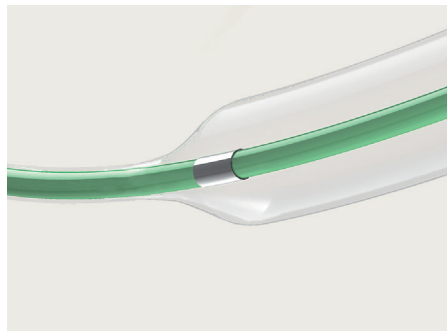
### Enhanced pushability

- Improved design of the guide wire exit area



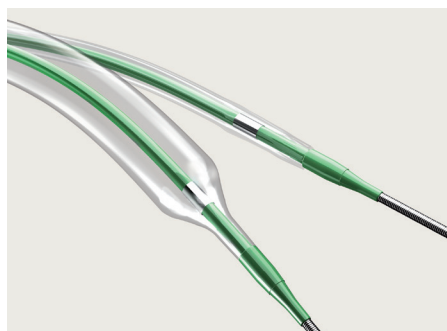
### Kissing balloon technique

- The catheter shaft is especially designed to allow kissing balloon technique in 6F guiding catheters



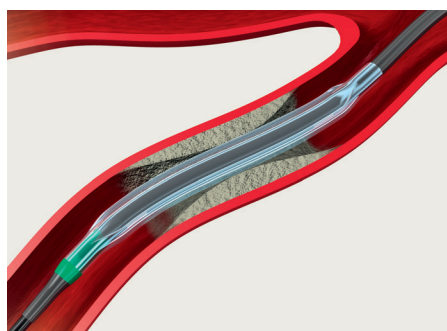
### Innovative hydrophilic coating

- Hydrophilic coating of shaft and balloon facilitates easy lesion access
- The "sliding" catheter surface support confident tracking in difficult anatomies



### Lower tip and balloon design

- 0.016" thin tip profile
- Balloon crossing profile from 0.023"
- 20% reduction of wall thickness through new balloon material



### Dedicated for CTO (Ø 1.25 & 1.5 mm)

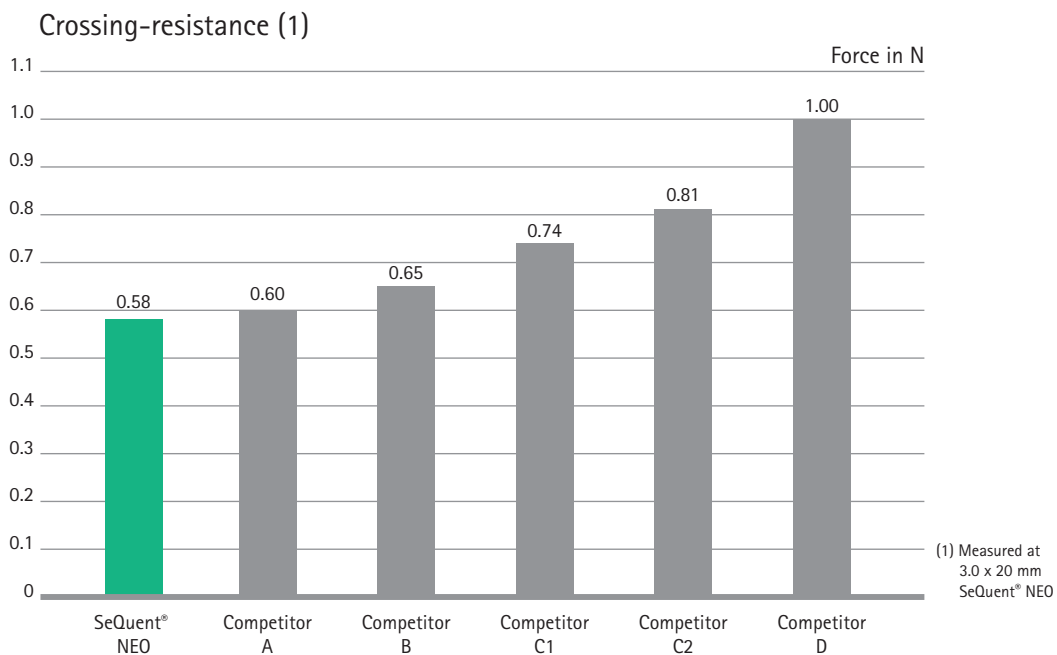
- RBP up to 18 atm
- Non compliant balloon properties
- One centrally positioned marker band to facilitate crossing Chronic Total Occlusions (CTO)

# SeQuent® NEO

Designed to succeed in complex anatomies

## SeQuent® NEO – Outstanding Performance

Our dedication is to improve continuously our product features to the last detail in order to achieve best-in-class results.



### Technical data

Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Brachial & femoral marker	100 cm & 110 cm
X-Ray markers	2 markers (Ø 1.25 / 1.5 mm one marker band)
Guiding catheter compatibility	5 F / "kissing balloon": 6 F
Guidewire compatibility	0.014"
Balloon compliance	Semi-compliant standard balloon (Ø 1.25 / 1.5 mm non-compliant)
Lesion entry profile	0.016"
Balloon profile	0.023" – 0.026"
Balloon material	COMAX II

(1) Based on internal in-vitro bench tests of the features of the SeQuent® NEO PTCA balloon catheter compared to several leading competitor balloon catheters. All catheters were measured at a comparable location (3.0 mm x 20 mm balloons). Data on file at B. Braun Vascular Systems. Bench test results may not be indicative for clinical performance.

# SeQuent® NEO

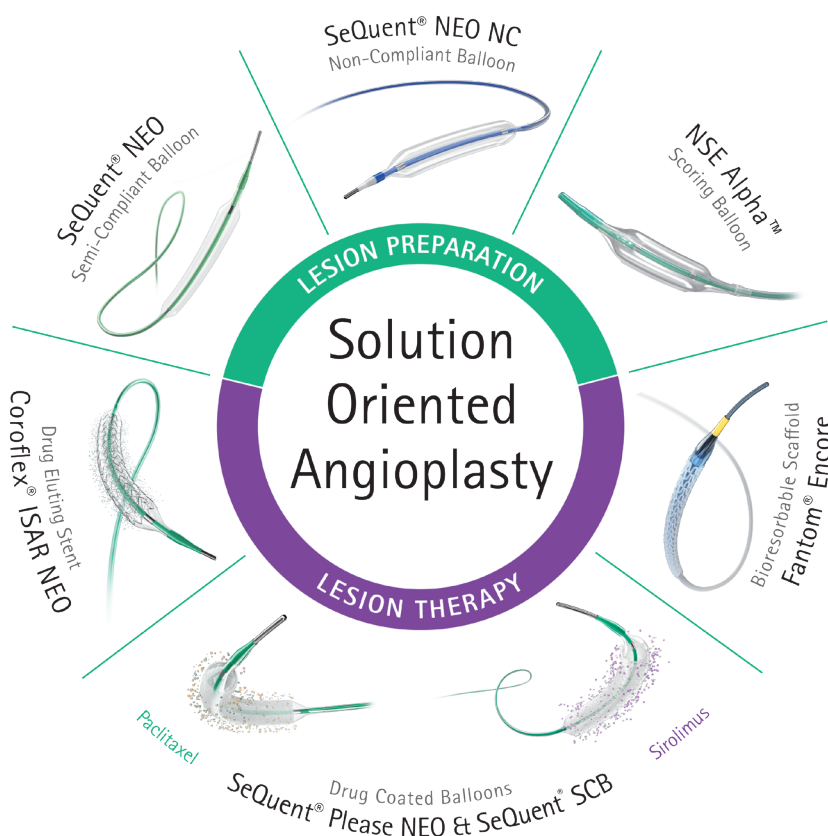
Expanded product range to operate in all cases

## SeQuent® NEO Product Range

Balloon diameter	Balloon length					Nominal pressure	Rated burst pressure
	10 mm	15 mm	20 mm	25 mm	30 mm		
1.25 mm	5021711D	5021721D	5021731D	-	-	10 atm	18 atm
1.5 mm	5021712D	5021732D	5021732D	-	-	10 atm	18 atm
2.0 mm	5021713D	5021733D	5021733D	5021743D	5021753D	6 atm	14 atm
2.25 mm	5021714D	5021734D	5021734D	5021744D	5021754D	6 atm	14 atm
2.5 mm	5021715D	5021735D	5021735D	5021745D	5021755D	6 atm	14 atm
2.75 mm	5021716D	5021736D	5021736D	5021746D	5021756D	6 atm	14 atm
3.0 mm	5021717D	5021737D	5021737D	5021747D	5021757D	6 atm	14 atm
3.5 mm	5021718D	5021738D	5021738D	5021748D	5021758D	6 atm	14 atm
4.0 mm	5021719D	5021739D	5021739D	5021749D	5021759D	6 atm	14 atm

## B. Braun Vascular Systems – Solution Oriented Angioplasty

Our effective product portfolio for your indication driven therapy.



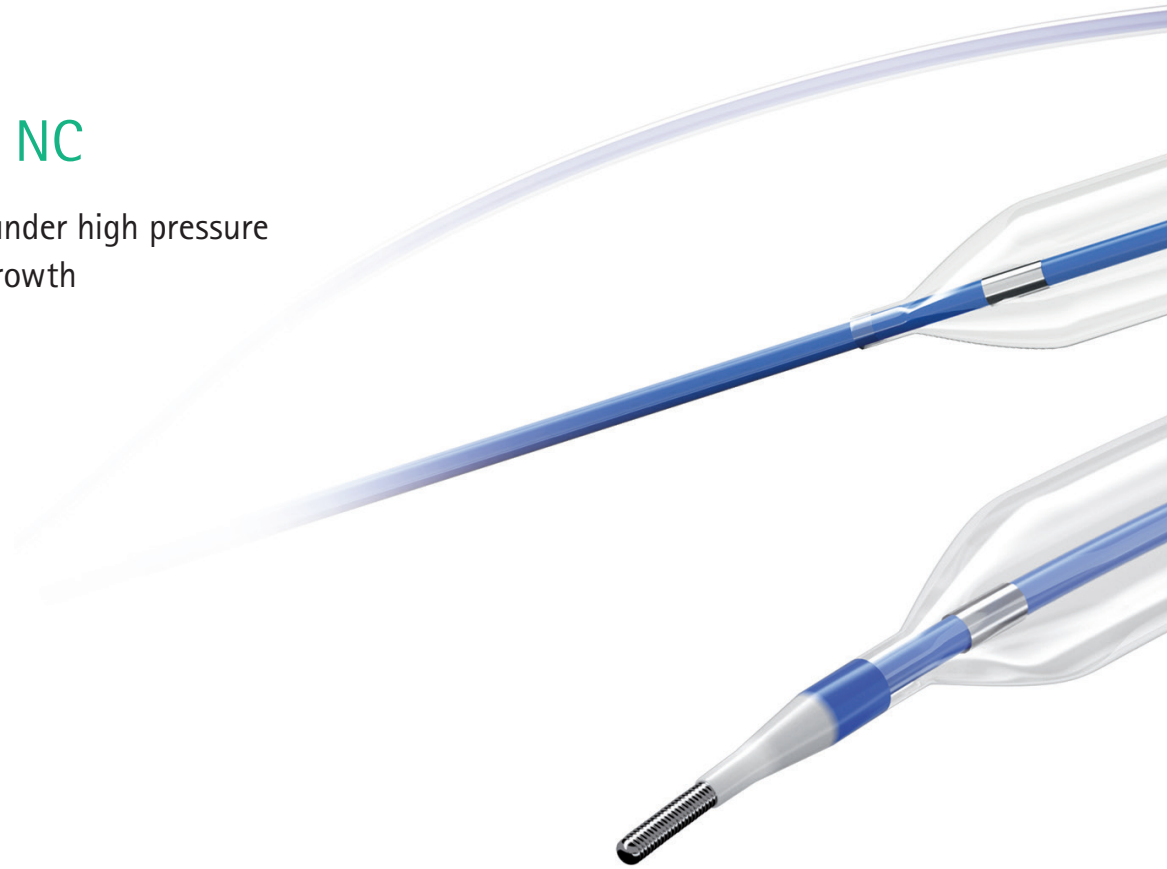
SeQuent® NEO and SeQuent® NEO NC are part of our B. Braun coronary solution oriented angioplasty concept which offers latest generation devices for an indication driven treatment. B. Braun products for lesion preparation together with our devices for lesion therapy are a perfect combination to achieve a better clinical out-come in various coronary indications.

# SeQuent<sup>®</sup> NEO NC

For controlled compliance

## SeQuent<sup>®</sup> NEO NC

- Accurate dilatation under high pressure
- Minimized balloon growth
- Low balloon profile

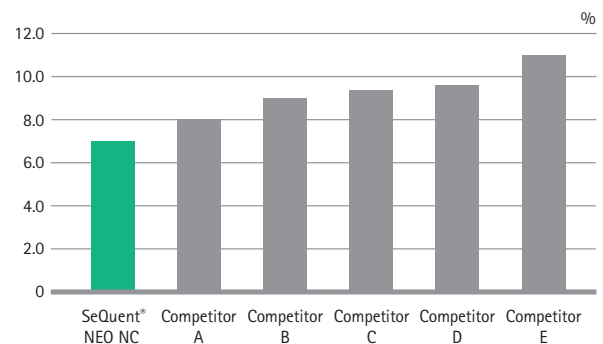


## High pressure with precision

SeQuent<sup>®</sup> NEO NC is designed for exact sizing and uncompromised performance under high pressure

- Accurate dilatation under high pressure with controlled compliance
- Procedural effectiveness is maintained through a minimized balloon growth and a short deflation time
- Low balloon profile for improved trackability

Leading performance in balloon compliance (2)  
10 – 20 atm



(2) Based on internal in-vitro bench tests of the features of the SeQuent<sup>®</sup> NEO NC PTCA balloon catheter compared to several leading competitor balloon catheters. All catheters were measured at a comparable location (3.0 mm x 20 mm balloons). Data on file at B. Braun Vascular Systems. Bench test results may not be indicative for clinical performance.



Technical data	
Balloon material	Nylon
Proximal shaft	1.9 F
Distal shaft	2.7 F
Rapid exchange length	25 cm
Brachial & femoral marker	90 & 100 cm
Usable length	140 cm
Guidewire compatibility	0.014"
Nominal pressure	12 atm
Rated burst pressure	20 atm

Balloon diameter	Balloon length					
	8 mm	10 mm	12 mm	15 mm	20 mm	30 mm
2.0 mm	5023900	5023910	5023920	5023930	5023940	5023960
2.25 mm	5023901	5023911	5023921	5023931	5023941	5023961
2.5 mm	5023902	5023912	5023922	5023932	5023942	5023962
2.75 mm	5023903	5023913	5023923	5023933	5023943	5023963
3.0 mm	5023904	5023914	5023923	5023934	5023944	5023964
3.5 mm	5023906	5023916	5023926	5023936	5023946	5023966
4.0 mm	5023907	5023917	5023927	5023937	5023947	5023967
4.5 mm	5023908	5023918	5023928	5023938	5023948	5023968

Manufacturer acc. to MDD 93/42/EEC

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