



INTERVENTIONAL  
VASCULAR  
DIAGNOSTICS  
AND THERAPY

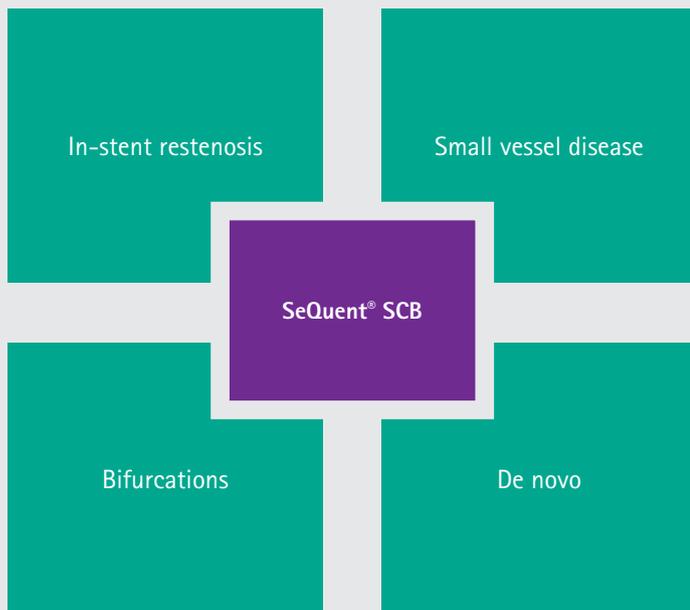
## SeQuent<sup>®</sup> SCB

B. BRAUN'S SIROLIMUS COATED BALLOON CATHETER FOR PTCA

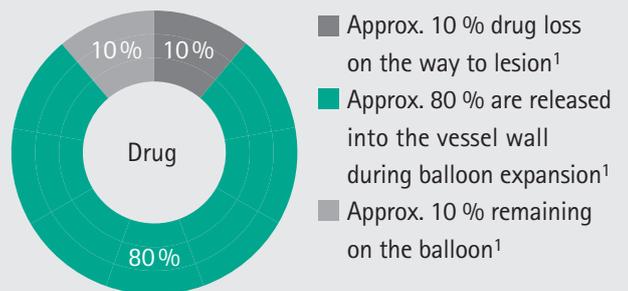
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## INDICATION



## DRUG MATRIX



## DRUG TRANSFER (TISSUE CONCENTRATION)

- Immediately: Approx. 14 % will be transferred into the arterial wall<sup>1</sup>
- After 28 days: 40 to 50 % of the initial transferred Sirolimus dose are still within the arterial wall<sup>1</sup>

## DRUG RELEASE

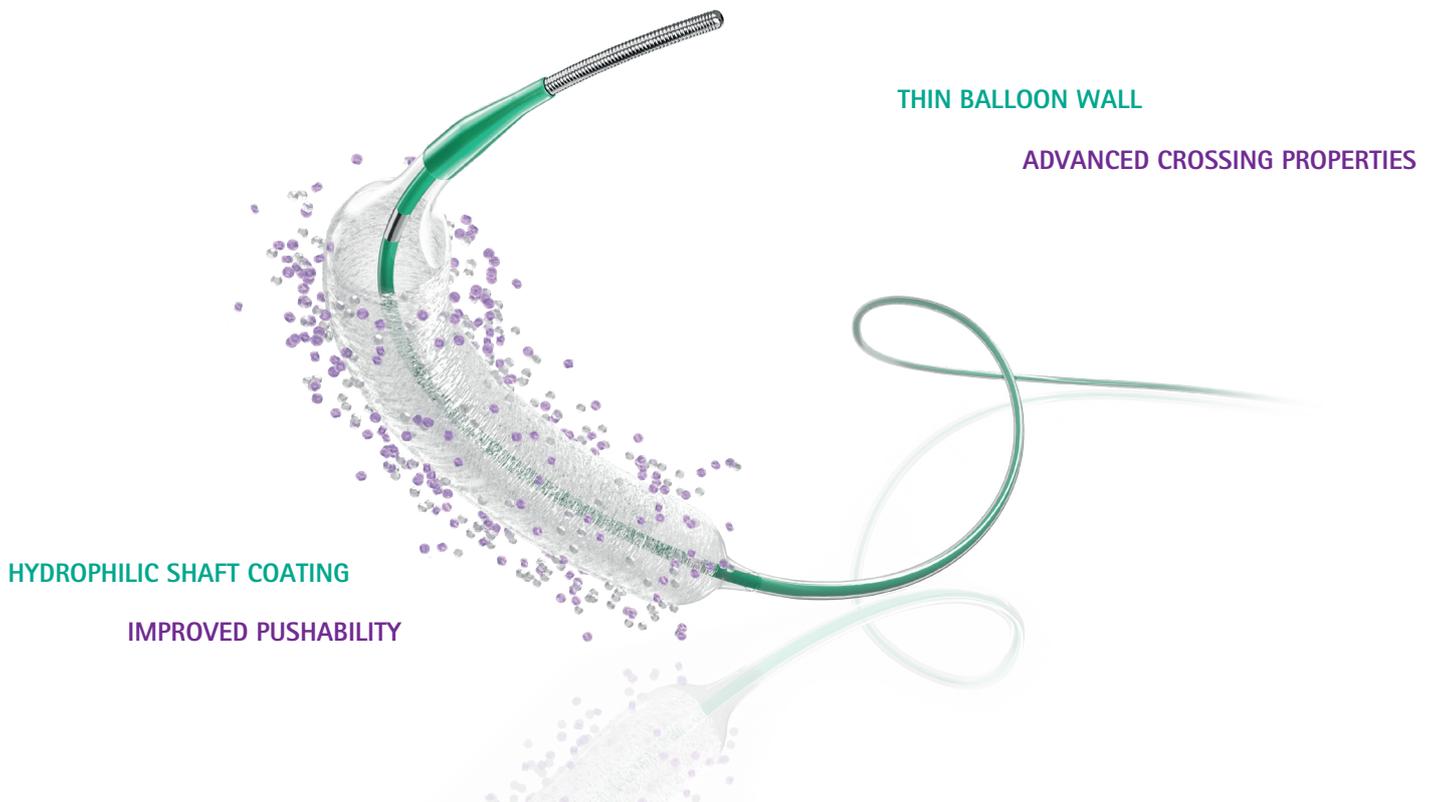
**SIROLIMUS**  
Optimized coating and dosage for adequate drug delivery<sup>1</sup>

**BHT (BUTYLATED HYDROXY TOLUOL)**  
**Matrix Builder** – Controls release of Sirolimus  
**Best results regarding Sirolimus vessel wall content** compared to other excipients  
Creation of the desired crystalline sirolimus modification<sup>1</sup>

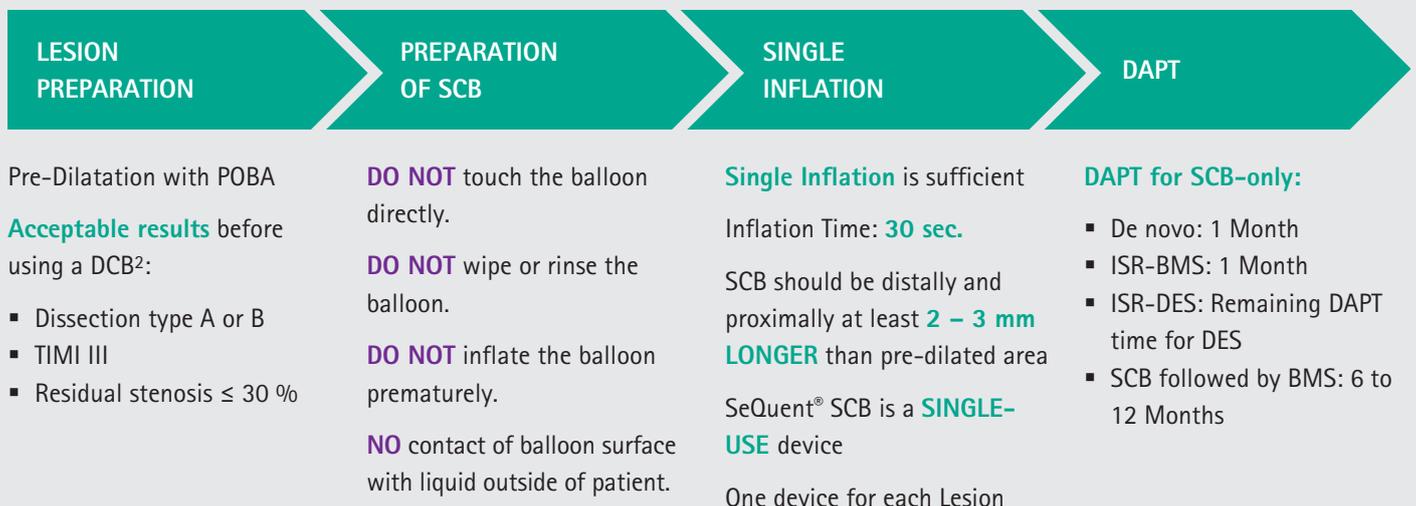
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## SIROLIMUS MEETS OUTSTANDING CATHETER PERFORMANCE



## TREATMENT PROCESS



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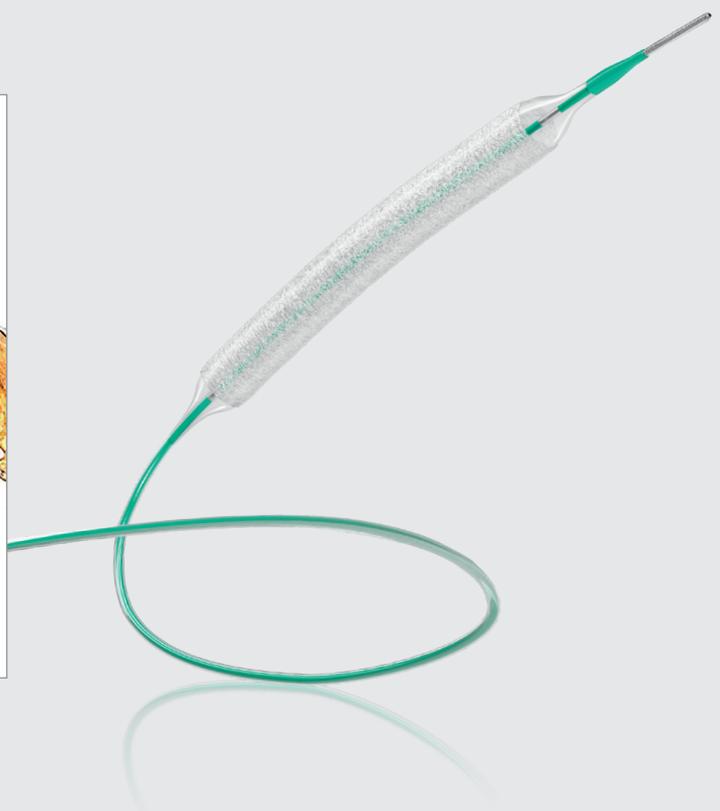
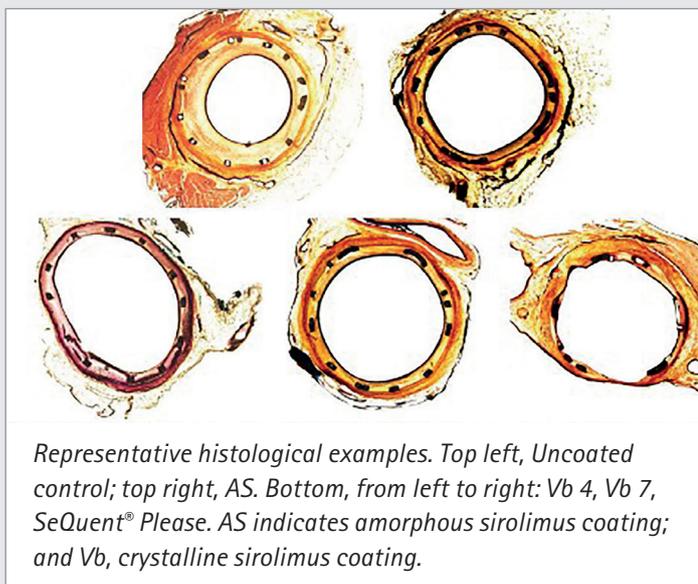
## RANDOMIZED CONTROLLED TRIAL: CLINICAL FOLLOW-UP @ 1 YEAR<sup>3</sup>

	PCB (n=25)	SCB (n=25)	p Value
TLR	4	3	> 0.99
Stent thrombosis	1	0	
Death	0	0	
Unscheduled angiography	0	2	
MACE	4	3	> 0.99

Major adverse cardiovascular events included cardiac death, target vessel myocardial infarction, or clinically driven target lesion revascularization (TLR).

## PRECLINICAL DATA

- Porcine overstretch model
- Similar efficacy to reduce intimal hyperplasia as compared to the paclitaxel-coated balloon<sup>4</sup>



<sup>3</sup> Ali et al. JACC Cardiovasc Interv. 2019;12(6):558-66

<sup>4</sup> Clever et al. Circ Cardiovasc Interv. 2016;9:e00354

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BALLOON DIAMETER (mm)	BALLOON LENGTH (mm)						
	10	15	20	25	30	35	40
2.0	5024250D	5024257D	5024264D	5024271D	5024278D	5024285D	5024292D
2.25	5024251D	5024258D	5024265D	5024272D	5024279D	5024286D	5024293D
2.5	5024252D	5024259D	5024266D	5024273D	5024280D	5024287D	5024294D
2.75	5024253D	5024260D	5024267D	5024274D	5024281D	5024288D	5024295D
3.0	5024254D	5024261D	5024268D	5024275D	5024282D	5024289D	5024296D
3.5	5024255D	5024262D	5024269D	5024276D	5024283D	5024290D	5024297D
4.0	5024256D	5024263D	5024270D	5024277D	5024284D	5024291D	5024298D

## TECHNICAL DATA

Delivery system	Rapid Exchange
Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Brachial & femoral marker	100 cm & 110 cm
Guiding catheter compatibility	5 F
Guide wire compatibility	0.014"
Tip profile	0.016"
Balloon compliance	Semi-compliant standard balloons
Crossing profile	0.033" - 0.037"
Nominal pressure (NP)	6 atm
Rated Burst Pressure (RBP)	14 atm

Distributor

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