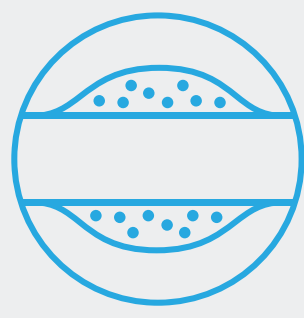




Clinically proven solution
for in-stent -restenosis
and further indications



Lux™ coating technology
for rapid drug absorption



Excellent
deliverability



Technical data /
ordering info

Teleflex™
Empowering the future of healthcare

Pantera™ Lux™

Drug-Coated Balloon Catheter (DCB)

Clinically proven. Best in class¹ crossability.



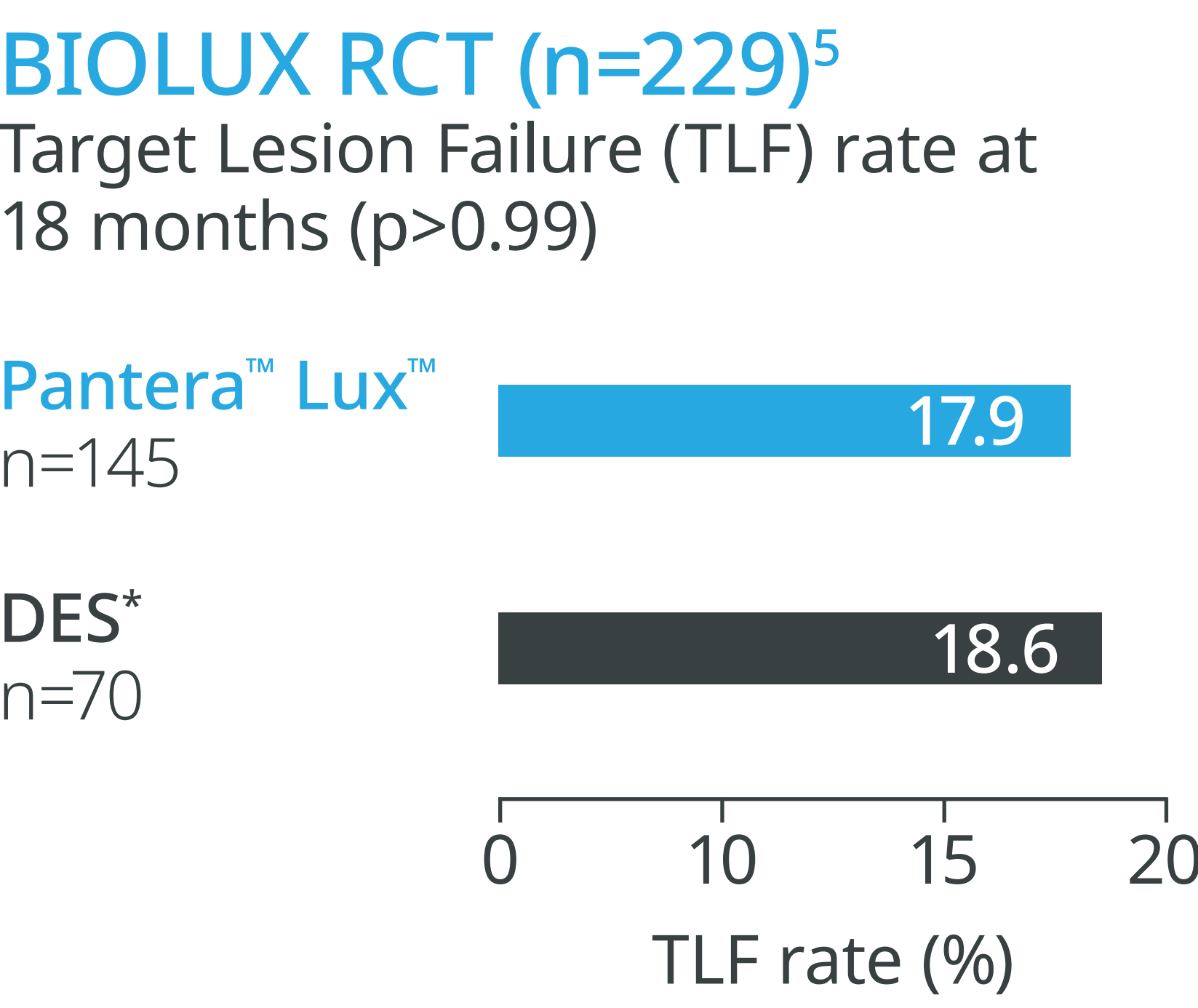


Pantera™ Lux™ DCB

Clinically proven. Best in class¹ crossability.

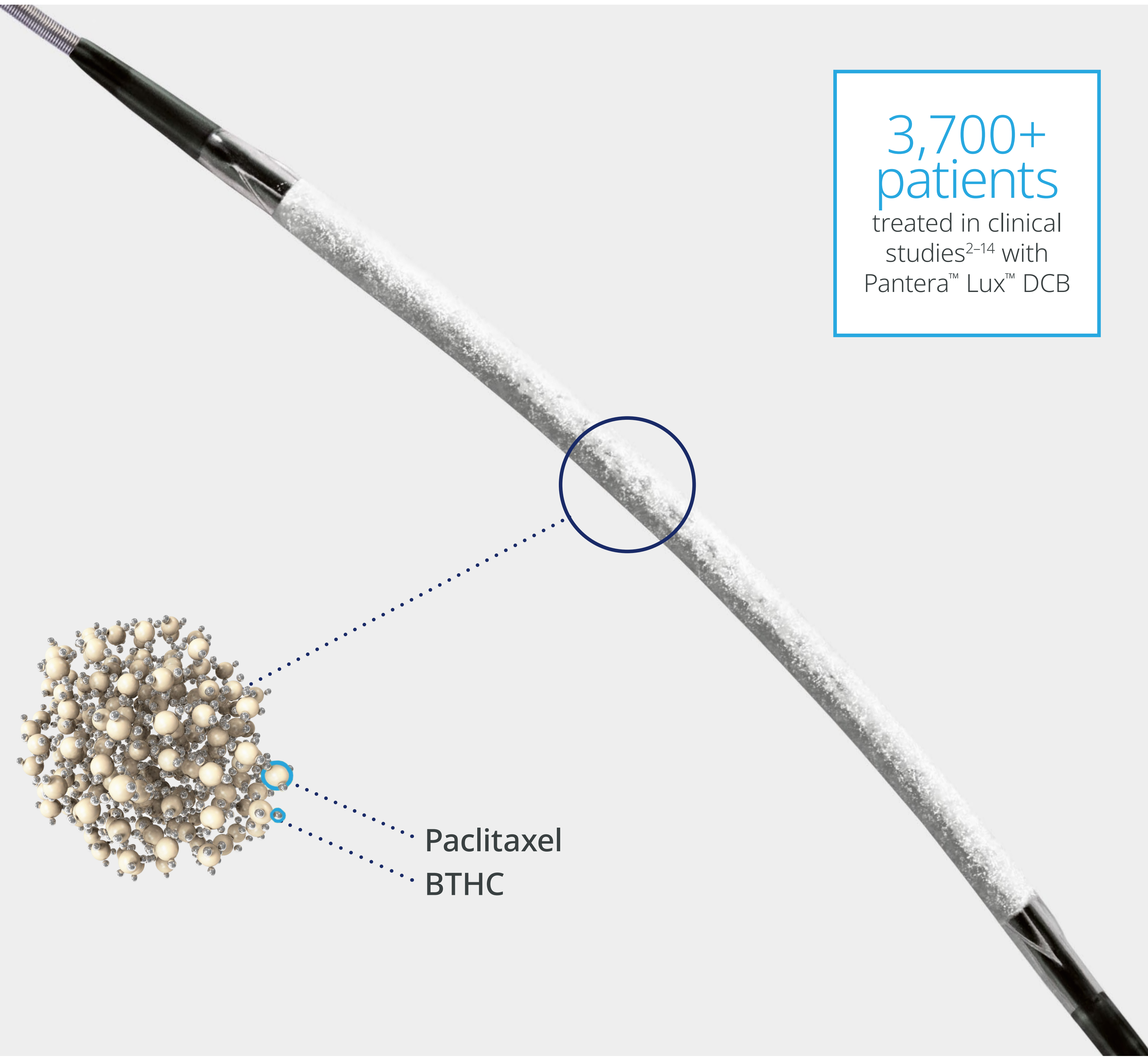
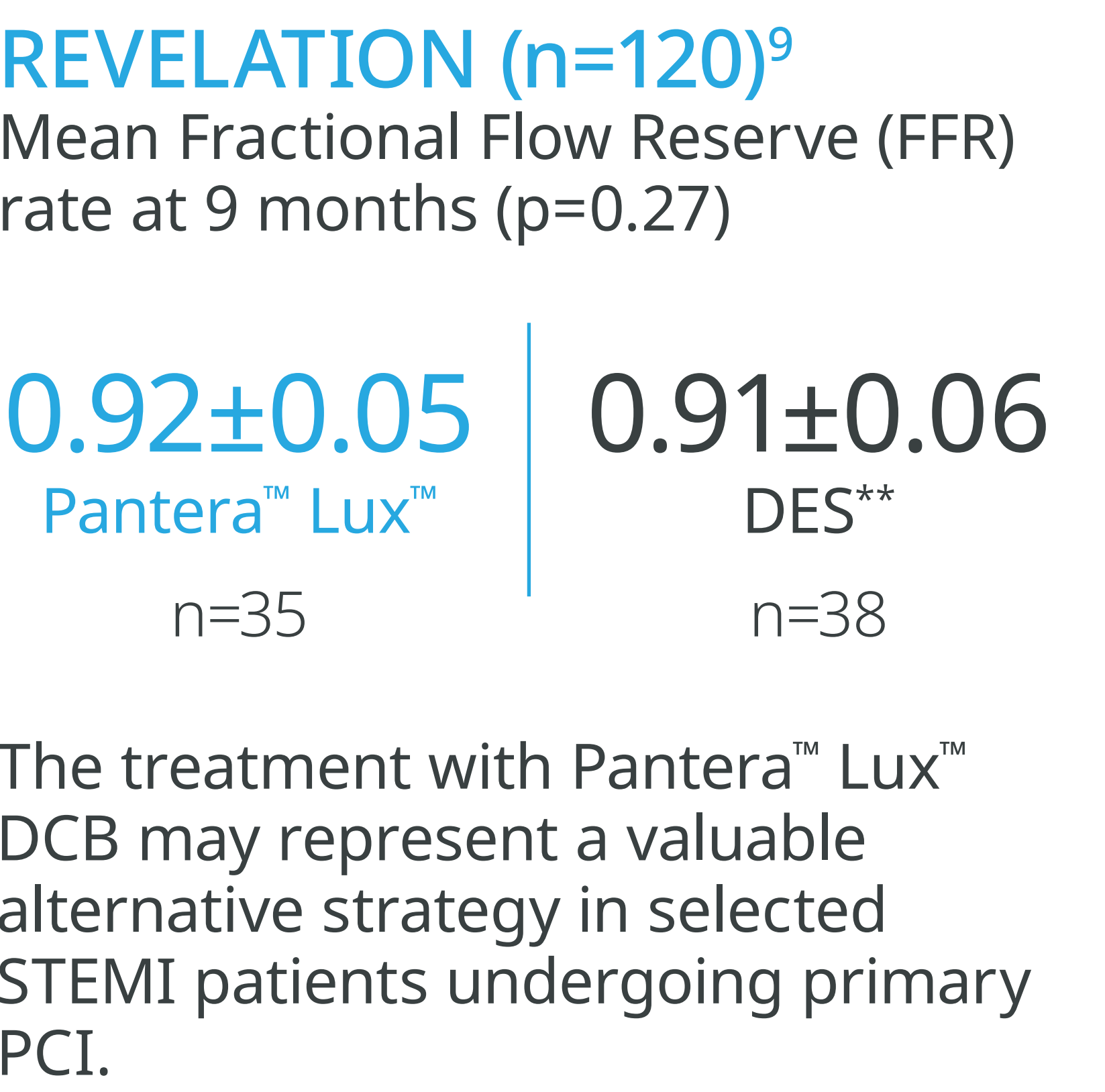
Clinically proven solution for in-stent-restenosis and further indications²⁻¹³

Pantera™ Lux™ DCB has proven efficacy and safety in multiple clinical trials investigating coronary drug-coated balloons for various implant-free treatment options:²⁻¹¹



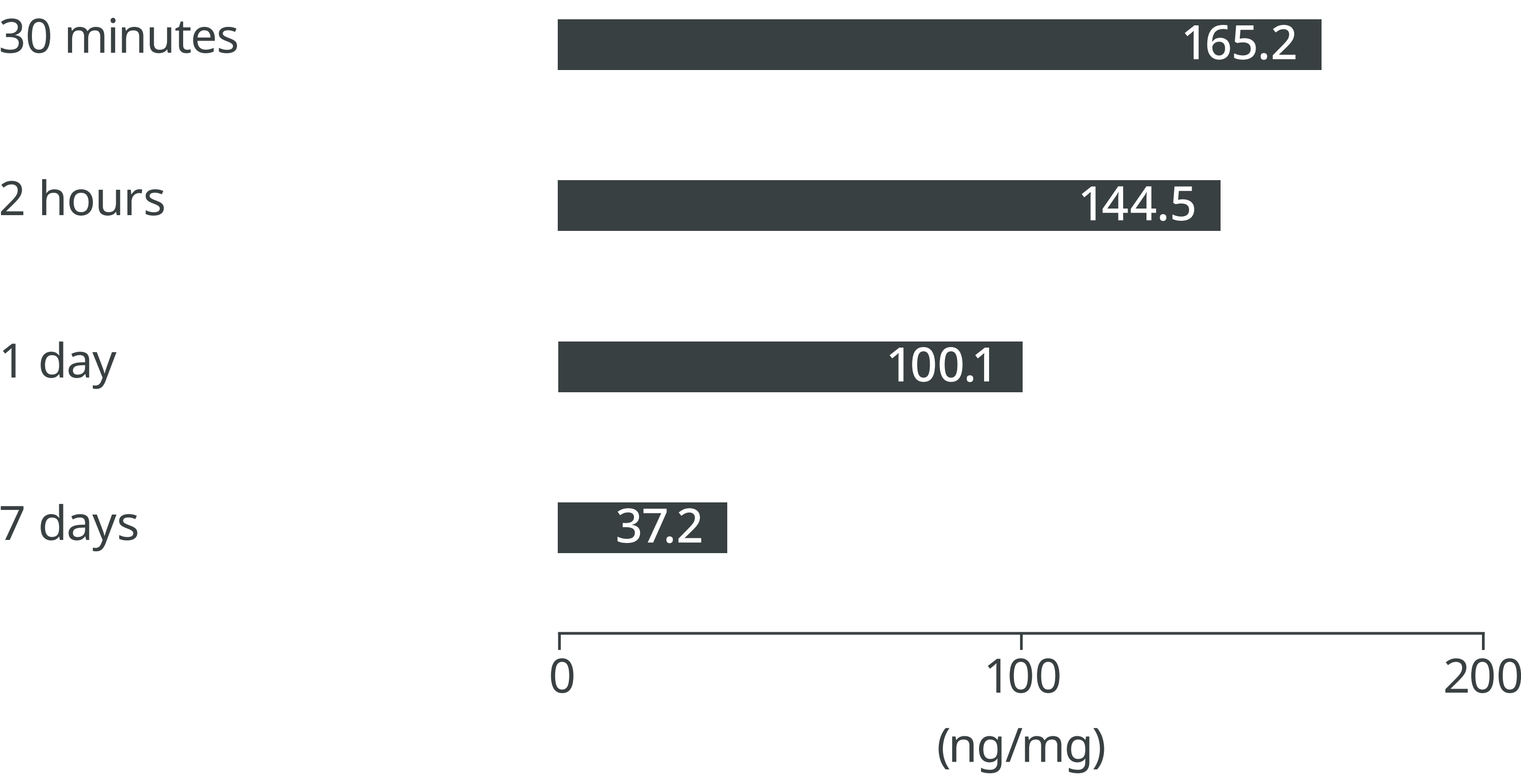
DCB is confirmed as a viable treatment option for ISR with the advantage of avoiding an additional stent layer.

* Orsiro™ DES (Teleflex™)
** Orsiro™ DES (Teleflex™) or Xience DES (Abbott)



Lux™ coating technology for rapid drug absorption
The Lux™ coating technology blends paclitaxel with BTHC, a rapidly metabolized, safe and biocompatible excipient, thus improving bioavailability at the target site.¹⁵

Prolonged tissue retention at the target site^{15,16}
Pig coronary artery paclitaxel tissue concentrations



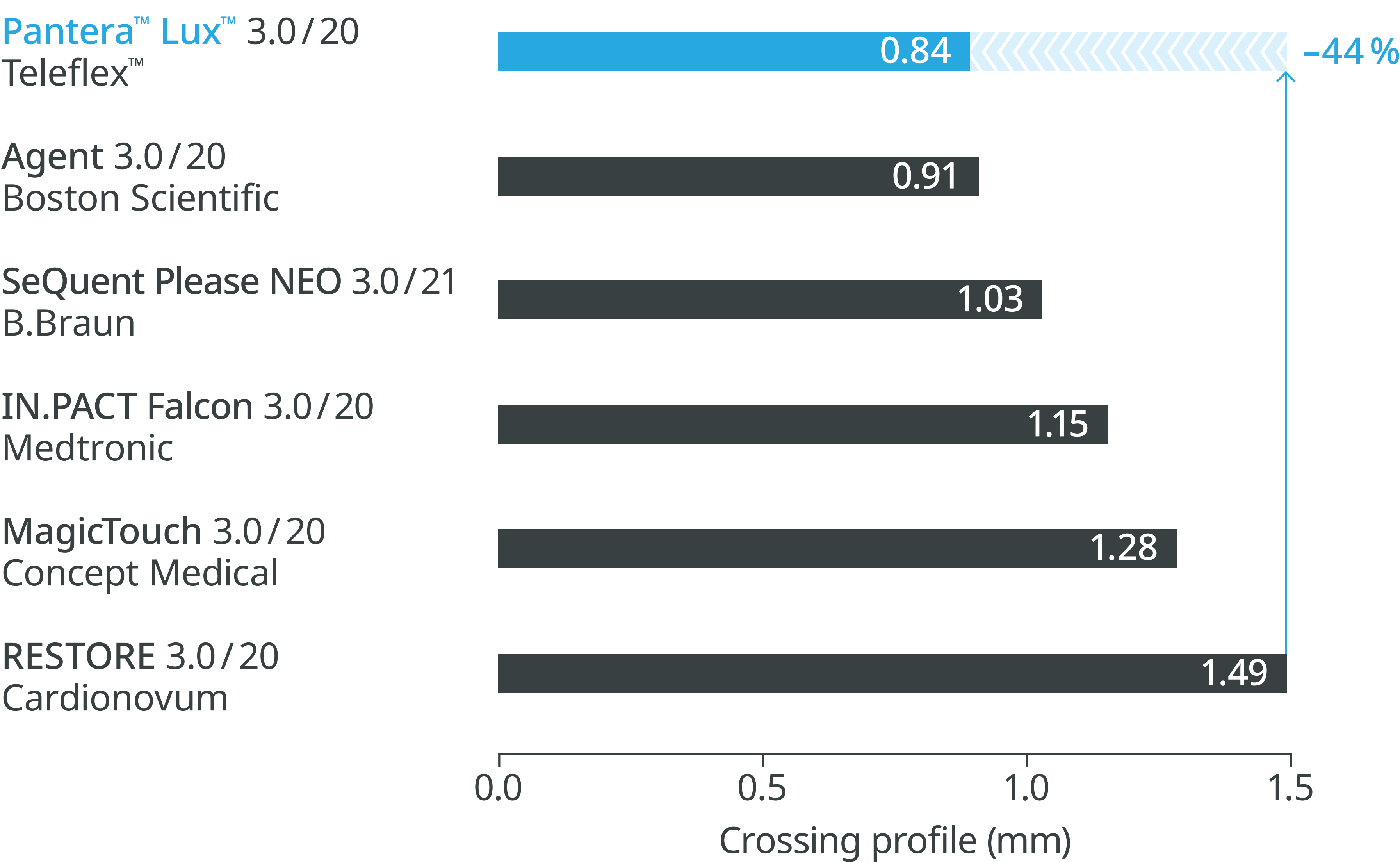


Excellent deliverability

Pantera™ Lux™ DCB, with its lowest crossing profile, provides better pushability and easier crossability.¹⁶

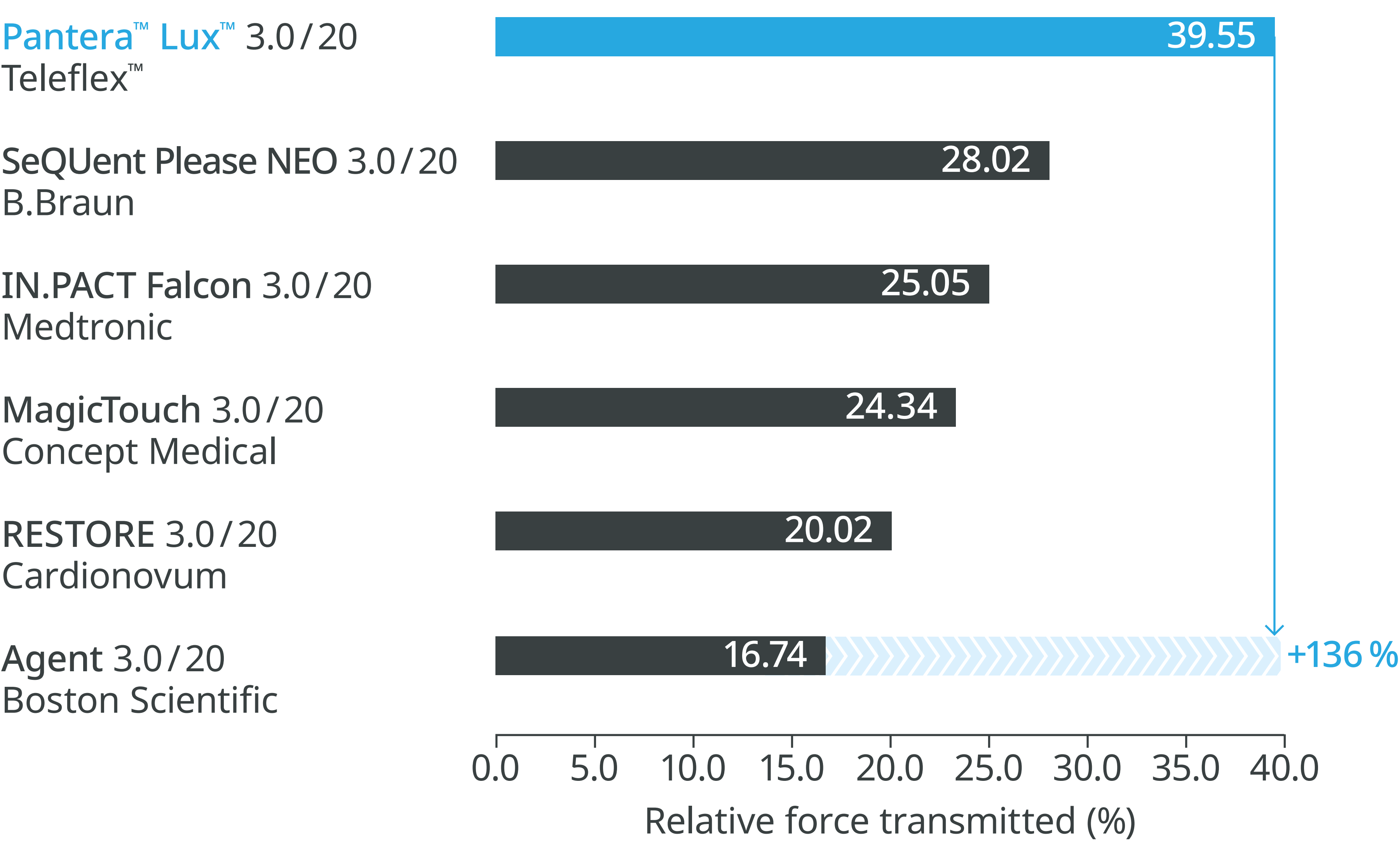
Lowest crossing profile¹⁶

Pantera™ Lux™ DCB has a **44 % smaller crossing profile**.



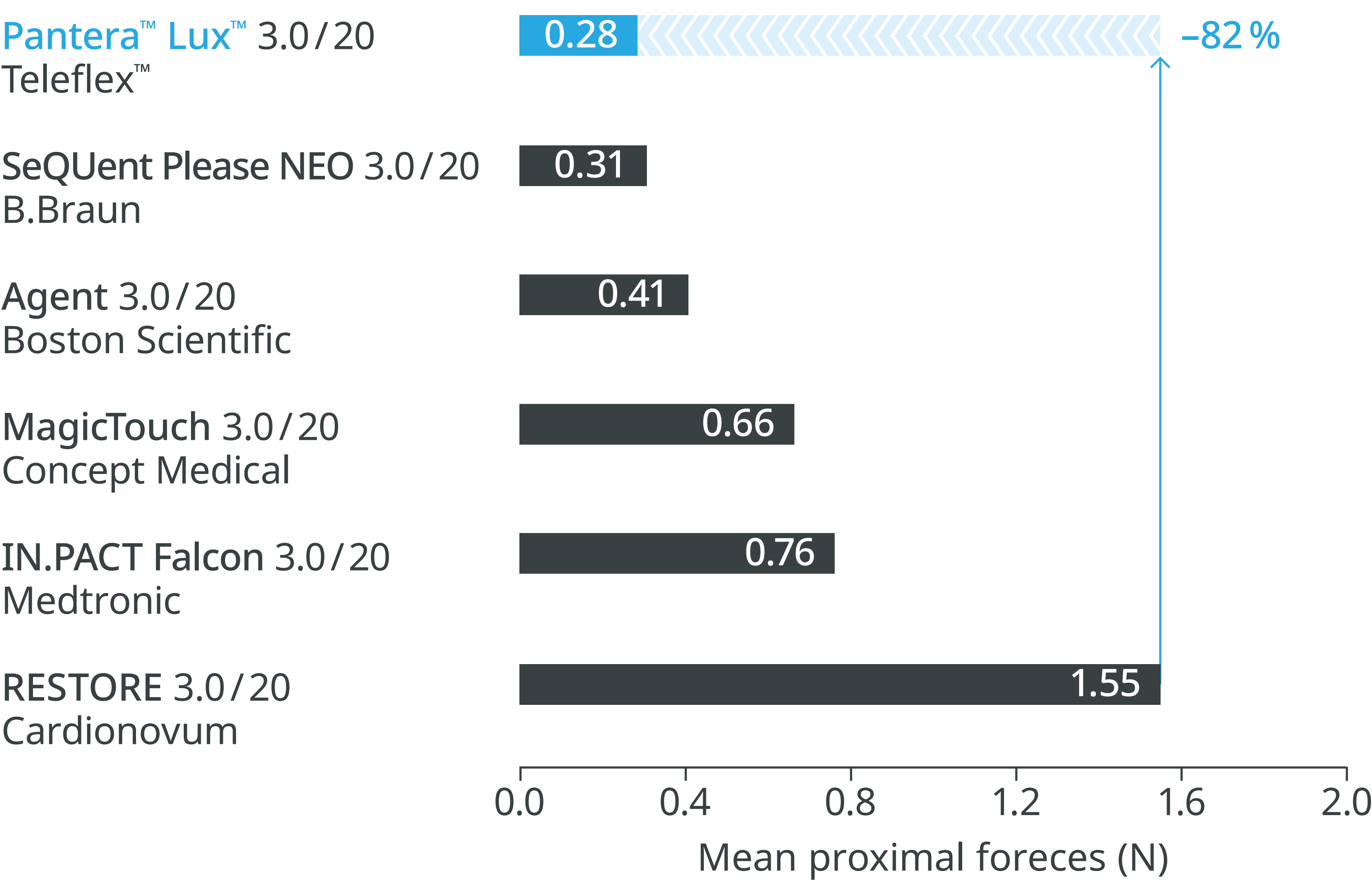
Better pushability¹⁶

136 % more force transmitted from hub to distal tip.



Best in class crossability¹⁶

82 % less force needed to cross lesions.

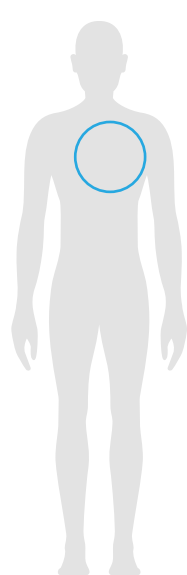


82 %
easier crossability
vs. RESTORE¹⁶



Pantera™ Lux™ DCB

Vascular
Intervention
Coronary



Indicated for balloon dilatation for in-stent restenosis, de-novo lesions, acute or impending vascular occlusion and treatment of small vessel disease.*

Technical data

DRUG-COATED BALLOON CATHETER	
Catheter type	Fast-exchange PTCA balloon catheter
Recommended guide catheter	5F (min. I.D. 0.056")
Lesion entry profile	0.017"
Guide wire diameter	0.014"
Usable catheter length	140 cm
Balloon folding	3-fold
Balloon markers	Two embedded platinum-iridium markers
Brachial shaft marker	92 cm from tip
Femoral shaft marker	102 cm from tip
Proximal shaft diameter	2.0F
Distal shaft diameter	2.5F (ø 2.0–3.5 mm), 2.6F (ø 4.0 mm)
Nominal Pressure (NP)	7 atm
Rated Burst Pressure (RBP)	13 atm (ø 2.0–3.5 mm); 12 atm (ø 4.0 mm)
COATING	
Drug	Paclitaxel
Drug dose	3.0 µg/mm ²
Delivery matrix	Paclitaxel and butyryl-tri-hexyl citrate (BTHC)
Coated area	Cylindrical section of the balloon, exceeding the proximal and distal markers

Compliance Chart

		BALLOON DIAMETER × LENGTH				
		ø 2.0 × 10– 30 mm	ø 2.5 × 10– 30 mm	ø 3.0 × 10– 30 mm	ø 3.5 × 10– 30 mm	ø 4.0 × 10– 30 mm
Nominal Pressure (NP)	atm**	7	7	7	7	7
	ø	2.00 mm	2.50 mm	3.00 mm	3.50 mm	4.00 mm
Rated Burst Pressure (RBP)	atm**	13	13	13	13	12
	ø	2.26 mm	2.82 mm	3.48 mm	4.11 mm	4.59 mm

**1 atm = 1.013 bar

Ordering Information

BALLOON Ø	CATHETER LENGTH 140 CM, BALLOON LENGTH				
	10 mm	15 mm	20 mm	25 mm	30 mm
2.0 mm	365110	365111	365112	365113	365114
2.5 mm	365120	365121	365122	365123	365124
3.0 mm	365125	365126	365127	365128	365129
3.5 mm	365130	365131	365132	365133	365134
4.0 mm	365135	365136	365137	365138	365139

*Indication as per IFU (may differ in countries not accepting CE mark)

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- 16 Data on file.

The Pantera Lux DCB with its Lux coating is part of the Lux family of paclitaxel-coated balloons.

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Teleflex Headquarters International, Ireland · Teleflex Medical Europe Ltd. · IDA Business & Technology Park
Dublin Road · Athlone · Co Westmeath · Tel. +353 (0)9 06 46 08 00 · Fax +353 (0)14 37 07 73 · orders.intl@teleflex.com
United Kingdom Tel. +44 (0)14 94 53 27 61 · info.uk@teleflex.com
South Africa Tel. +27 (0)11 807 4887 · assist.africa@teleflex.com

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