

Ranger™ Family
Paclitaxel-Coated PTA Balloon Catheter

UPN – CATALOG NUMBER				Balloon Diameter (mm)	Balloon Length (mm)	Sheath Compatibility (F)*	Rated Burst Pressure (atm) (kPa)	
Shaft Length 80 cm	Shaft Length 90 cm	Shaft Length 135 cm	Shaft Length 150 cm					
–	H74939220200890**	–	H74939220200810**	2	80	4	14	1418
–	H74939220201090**	–	H74939220201010**	2	100	4	14	1418
–	H74939220201290**	–	H74939220201210**	2	120	4	14	1418
–	H74939220201590**	–	H74939220201510**	2	150	4	14	1418
–	H74939220250890**	–	H74939220250810**	2.5	80	4	14	1418
–	H74939220251090**	–	H74939220251010**	2.5	100	4	14	1418
–	H74939220251290**	–	H74939220251210**	2.5	120	4	14	1418
–	H74939220251590**	–	H74939220251510**	2.5	150	4	14	1418
–	H74939220300890**	–	H74939220300810**	3	80	4	14	1418
–	H74939220301090**	–	H74939220301010**	3	100	4	14	1418
–	H74939220301290**	–	H74939220301210**	3	120	4	14	1418
–	H74939220301590**	–	H74939220301510**	3	150	4	14	1418
–	H74939220350890**	–	H74939220350810**	3.5	80	4	14	1418
–	H74939220351090**	–	H74939220351010**	3.5	100	4	14	1418
–	H74939220351290**	–	H74939220351210**	3.5	120	4	14	1418
–	H74939220351590**	–	H74939220351510**	3.5	150	4	14	1418
H74939219400380	–	H74939219400310	–	4	30	5	14	1418
H74939219400480	–	H74939219400410	–	4	40	5	14	1418
H74939219400680	–	H74939219400610	–	4	60	5	14	1418
–	–	–	H74939220400810**	4	80	4	14	1418
H74939219400880	–	–	–	4	80	5	14	1418
–	–	–	H74939220401010**	4	100	4	14	1418
H74939219401080	–	–	–	4	100	5	14	1418
–	H74939220401290**	–	H74939220401210**	4	120	4	14	1418
–	H74939220401590**	–	H74939220401510**	4	150	4	14	1418
H74939219500380	–	H74939219500310	–	5	30	5	14	1418
H74939219500480	–	H74939219500410	–	5	40	5	14	1418
H74939219500680	–	H74939219500610	–	5	60	5	14	1418
H74939219500880	–	H74939219500810	–	5	80	5	14	1418
H74939219501080	–	H74939219501010	–	5	100	5	14	1418
H74939219600380	–	H74939219600310	–	6	30	5	14	1418
H74939219600480	–	H74939219600410	–	6	40	5	14	1418
H74939219600680	–	H74939219600610	–	6	60	5	14	1418
H74939219600880	–	H74939219600810	–	6	80	5	14	1418
H74939219601080	–	H74939219601010	–	6	100	5	14	1418
H74939219700380	–	H74939219700310	–	7	30	5	14	1418
H74939219700480	–	H74939219700410	–	7	40	5	14	1418
H74939219700680	–	H74939219700610	–	7	60	5	14	1418
H74939219700880	–	H74939219700810	–	7	80	6	14	1418
H74939219701080	–	H74939219701010	–	7	100	6	14	1418
H74939219800380	–	H74939219800310	–	8	30	5	12	1216
H74939219800480	–	H74939219800410	–	8	40	5	12	1216
H74939219800680	–	H74939219800610	–	8	60	5	12	1216
H74939219800880	–	H74939219800810	–	8	80	6	12	1216

Ranger™	Ranger™ SL	Ranger™	Ranger™ SL
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* 4F = 1.33 mm, 5F = 1.7 mm, 6F = 2.0 mm
** Ranger™ SL

Ranger™ Paclitaxel-Coated PTA Balloon Catheter is owned by Hemotek AG.

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Ranger™
Paclitaxel-Coated PTA Balloon Catheter



Sterling™ Balloon Technology

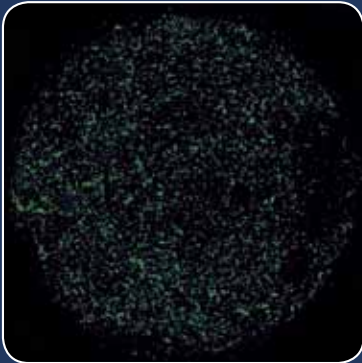
* Drug coating designed to deliver consistent and predictable therapeutic drug dose in association with balloon angioplasty treatment

CONSISTENT & PREDICTABLE DRUG TREATMENT**

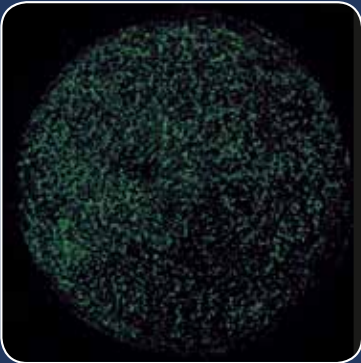
Drug Coating Integrity

TRANSPAX™ COATING TECHNOLOGY

Particulates lost after DCB tracking and inflation



Lutonix 6x40



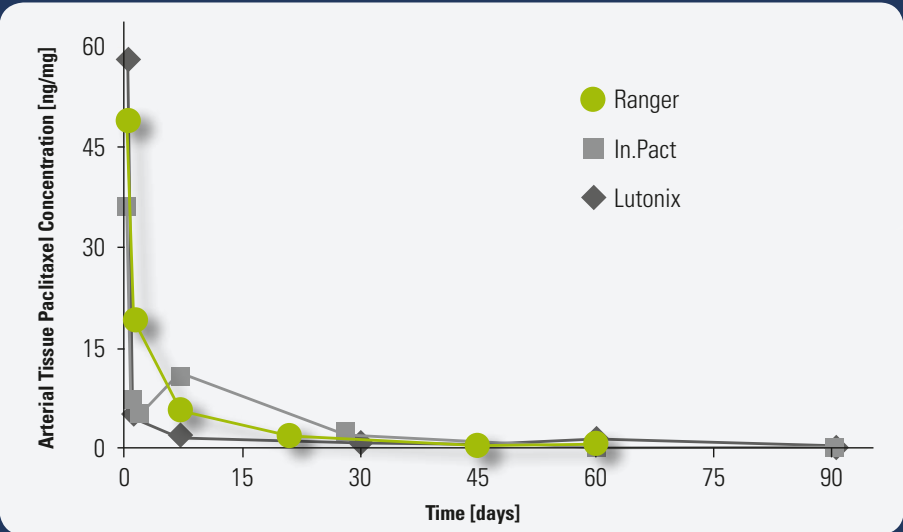
In.Pact Pacific 6x40



Ranger 6x40

> FEWER DRUG PARTICULATES DISTALLY LOST*

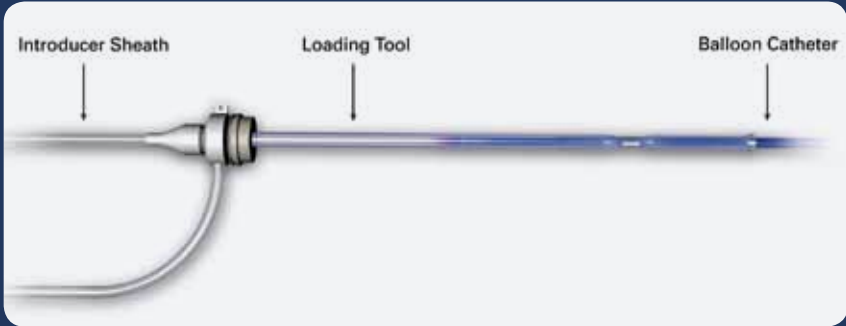
The Ranger™ coating technology is designed to deliver a therapeutic drug dose – consistently and efficiently – to the lesion. Much less drug is lost distally which provides the peace of mind of a predictable treatment.



> OPTIMAL DRUG TISSUE LEVELS

The TransPax™ coating is extremely efficient in transferring drug to the vessel and achieves the optimal drug tissue levels with only 2µg/mm² drug dosage vs the standard 3µg/mm².

LOADING TOOL



> SAFE AND EASY DEVICE HANDLING*

Ranger™ is equipped with a loading tool that protects the drug coating while handling and pushing through the introducer for increased ease-of-use and minimized drug loss.

STERLING PLATFORM



> BREAKTHROUGH PUSHABILITY AND TRACKABILITY

The excellent pushability and trackability of the Sterling™ balloon platform enables navigation through significantly challenging anatomies.

Ease-of-Use & Deliverability

THE CHALLENGE

Drug Coated Balloons coating can be fragile and unstable. While delivering the device, some drug and excipient can flake off the balloon before reaching the lesion. As a consequence, the actual drug delivery to the lesion may be non-homogeneous and inconsistent.

THE SOLUTION

We developed TransPax™ – a proprietary coating technology designed to optimize the drug coating integrity and efficiently deliver the drug to the tissue. A loading tool and proven Sterling™ balloon also contribute to coating integrity, deliverability and ease of use. With these innovations the Ranger™ DCB provides a more consistent and predictable treatment option.



* Method: both balloons are delivered in a peripheral track model with fluid recirculation of 150ml/min at T=37° C. Particulates are collected with a Polycarbonate filter 5.0µm x 47mm (Sterilitech).
** Drug coating designed to deliver consistent and predictable therapeutic drug dose in association with balloon angioplasty treatment
Ranger data on file – Boston Scientific. In.Pact results presented by R. J. Melder, Sc. D. at LINC 2011. Lutonix results presented by R. Virmani, M.D. at LINC 2013
Pre-clinical results may not necessarily be indicative of clinical outcomes.