

TECHNICAL SPECIFICATIONS

CATHETER SPECIFICATIONS		DELIVERY SYSTEM	
Tip entry profile	0.021" (0.53mm)	Drug	Paclitaxel
Balloon wrapping	Ø 2.00 – 2.50: 3-fold / Ø 3.00 – 7.00: 5-fold	Drug dose	3.0 µg/mm²
Maximum guidewire diameter	0.018" (0.46 mm)	Molecular transfer matrix	Butyryl-Tri-Hexyl Citrate (BTHC)
		Coating area	Cylindrical and tapered section of the balloon

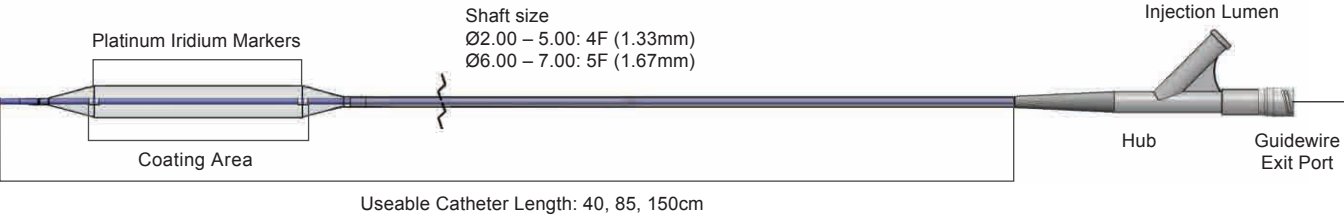
COMPLIANCE CHART

Pressure (atm)	Balloon Diameter (mm)						
	2.00	2.5	3.00	4.00	5.00	6.00	7.00
7 (NOM)*	2.00	2.50	3.00	4.00	5.00	6.00	7.00
8	2.04	2.53	3.03	4.06	5.11	6.08	7.05
9	2.09	2.57	3.05	4.12	5.22	6.15	7.10
10	2.13	2.60	3.08	4.18	5.32	6.23	7.15
11 (RBP)**	2.18	2.63	3.10	4.24	5.43	6.30	7.20
12 (RBP)**	2.22	2.67	3.13	4.30	5.54	6.38	-
13 (RBP)**	2.27	2.70	3.15	-	-	-	-

* Nominal Pressure. The nominal in vitro device specifications do not take into account any lesion resistance. ** Rated Burst Pressure. Do not exceed RBP

ORDERING INFORMATION

Balloon Ø (mm)	Introducer Sheath	Balloon Length (mm)				
		40	60	80	120	150
		Shaft Length: 40 cm				
2.00	5F	VIT0200040040	VIT0200060040	VIT0200080040	VIT0200120040	VIT0200150040
2.50		VIT0250040040	VIT0250060040	VIT0250080040	VIT0250120040	VIT0250150040
3.00		VIT0300040040	VIT0300060040	VIT0300080040	VIT0300120040	VIT0300150040
4.00		VIT0400040040	VIT0400060040	VIT0400080040	VIT0400120040	VIT0400150040
5.00		VIT0500040040	VIT0500060040	VIT0500080040	VIT0500120040	VIT0500150040
6.00	6F	VIT0600040040	VIT0600060040	VIT0600080040	VIT0600120040	VIT0600150040
7.00		VIT0700040040	VIT0700060040	VIT0700080040	VIT0700120040	VIT0700150040
		Shaft Length: 85 cm				
2.00	5F	VIT0200040085	VIT0200060085	VIT0200080085	VIT0200120085	VIT0200150085
2.50		VIT0250040085	VIT0250060085	VIT0250080085	VIT0250120085	VIT0250150085
3.00		VIT0300040085	VIT0300060085	VIT0300080085	VIT0300120085	VIT0300150085
4.00		VIT0400040085	VIT0400060085	VIT0400080085	VIT0400120085	VIT0400150085
5.00		VIT0500040085	VIT0500060085	VIT0500080085	VIT0500120085	VIT0500150085
6.00	6F	VIT0600040085	VIT0600060085	VIT0600080085	VIT0600120085	VIT0600150085
7.00		VIT0700040085	VIT0700060085	VIT0700080085	VIT0700120085	VIT0700150085
		Shaft Length: 150 cm				
2.00	5F	VIT0200040150	VIT0200060150	VIT0200080150	VIT0200120150	VIT0200150150
2.50		VIT0250040150	VIT0250060150	VIT0250080150	VIT0250120150	VIT0250150150
3.00		VIT0300040150	VIT0300060150	VIT0300080150	VIT0300120150	VIT0300150150
4.00		VIT0400040150	VIT0400060150	VIT0400080150	VIT0400120150	VIT0400150150
5.00		VIT0500040150	VIT0500060150	VIT0500080150	VIT0500120150	VIT0500150150
6.00	6F	VIT0600040150	VIT0600060150	VIT0600080150	VIT0600120150	VIT0600150150
7.00		VIT0700040150	VIT0700060150	VIT0700080150	VIT0700120150	VIT0700150150



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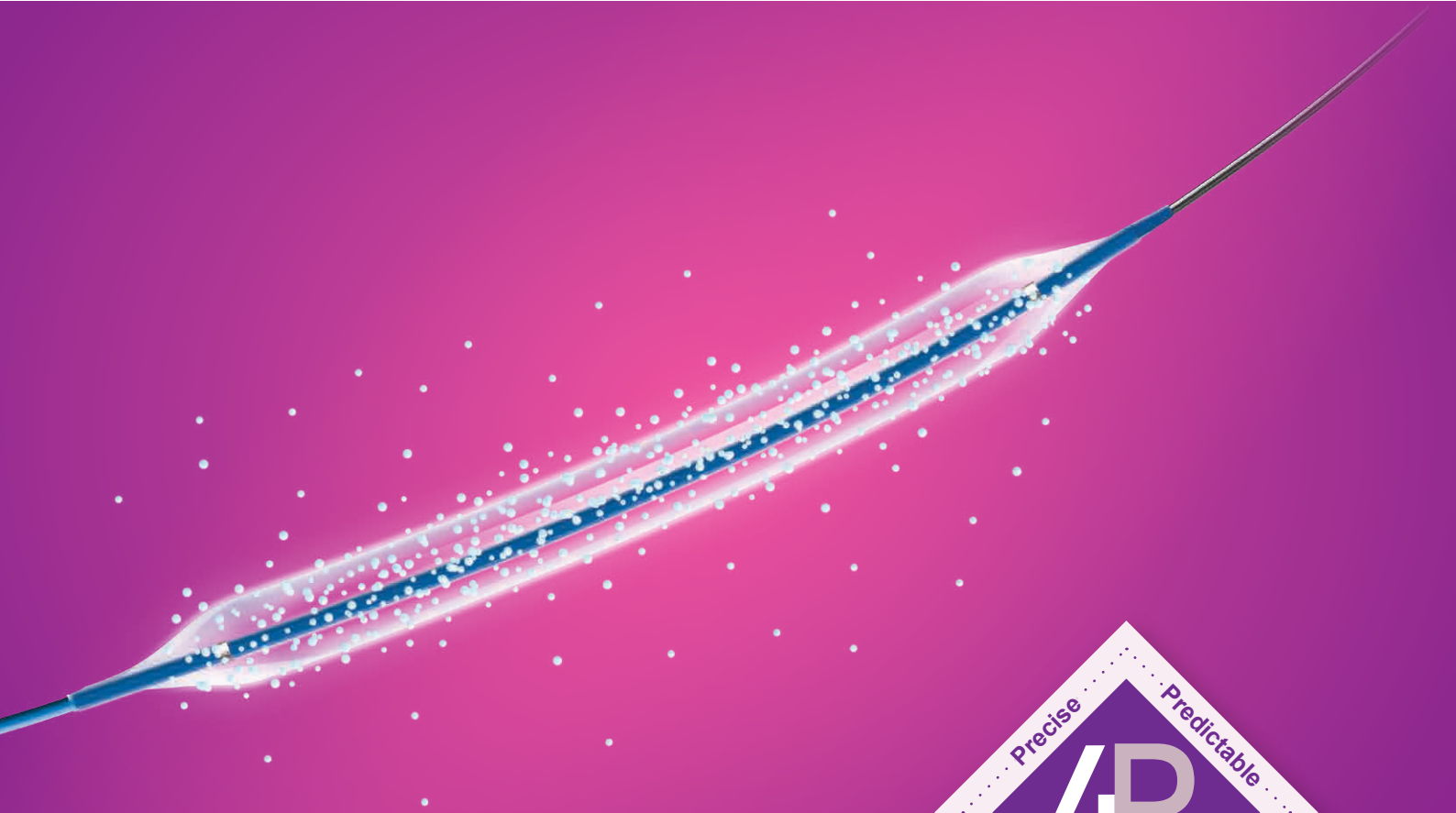
VITUS™ is manufactured in Germany.

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VITUS™
Paclitaxel Coated PTA Balloon Catheter



Designed for Optimized
Drug Transfer

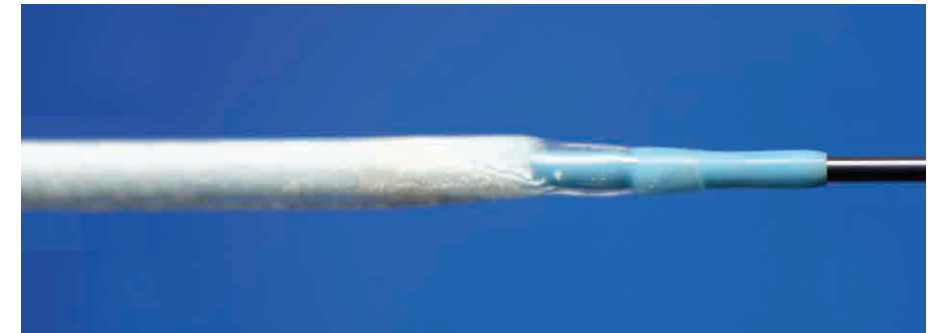
◆ Precise Deliverability

Low profile and good deliverability for crossing the challenging vessel



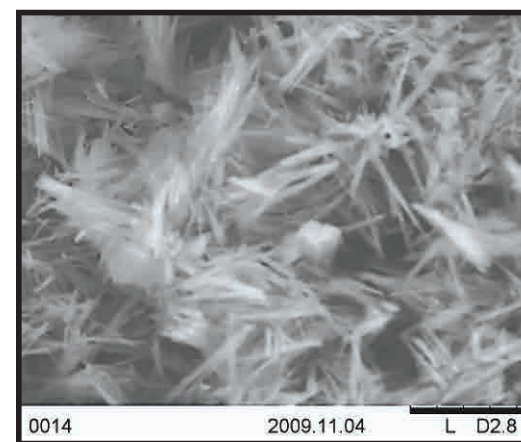
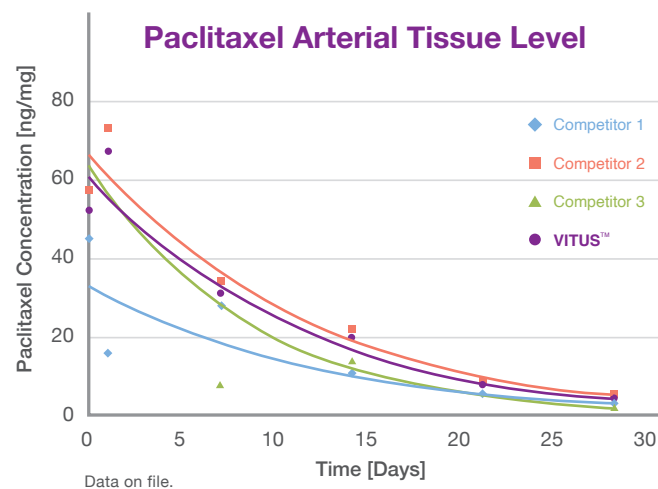
◆ Predictable Coating

Uniform drug coating with Butyryl-Tri-Hexyl Citrate (BTHC) excipient enables high bioavailability of Paclitaxel and uniform vessel wall coverage at target vessel



◆ Persistent Tissue Absorption

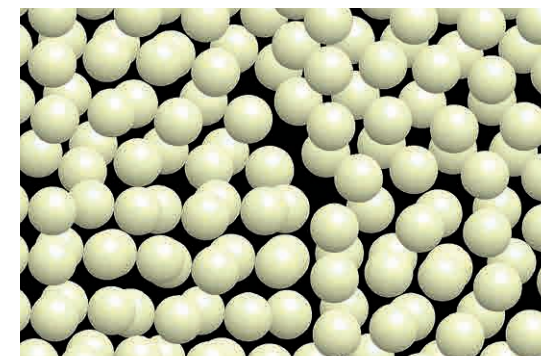
Microcrystalline Paclitaxel acts as a reservoir for sustained drug release over 30 days



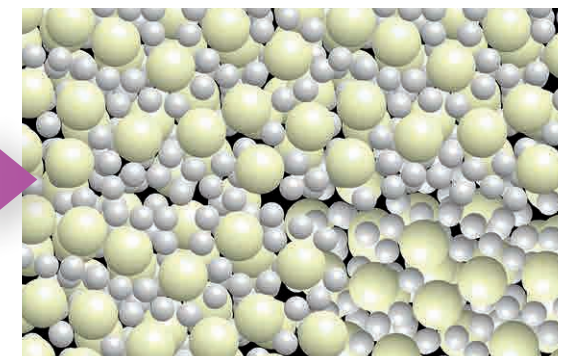
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◆ Prompt and Safe Drug Transfer

BTHC as a high drug retention excipient protects against premature drug wash-off for optimal drug absorption into the vessel wall



Pure Paclitaxel



Drug Carrier Matrix
Paclitaxel and BTHC