

MSM® DECO

Paclitaxel coated Drug Eluting PTCA Balloon Catheter

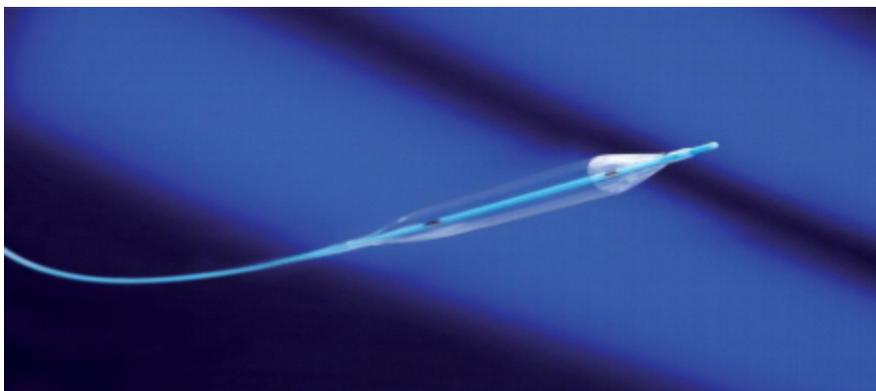


NEW Catheter Shaft

"Skive" design - smooth transition zone

- Very low crossing profile
- Perfect pushability and trackability
- Optimal kink resistance





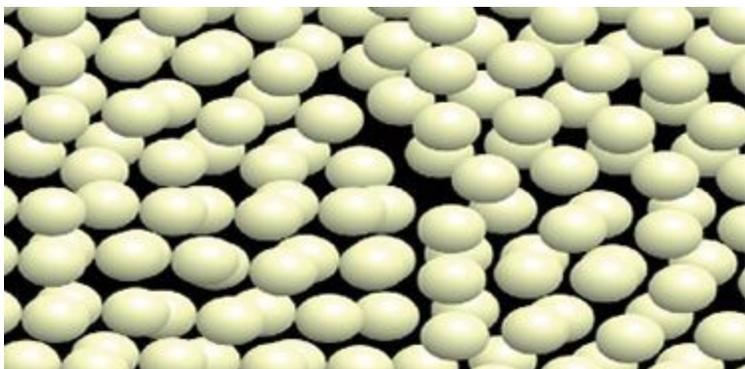
Excellent deliverability and crossability

NEW Balloon design

Small balloon shoulder and in average 10% reduced balloon profile

- Semi compliant. Laser welded
- Controlled expansion. Perfect flexibility, enables ideal vessel adaption
- Hydrophilic coating
- Balloon diameter from 1.5 to 4.0 mm
- Balloon length from 10-40 mm

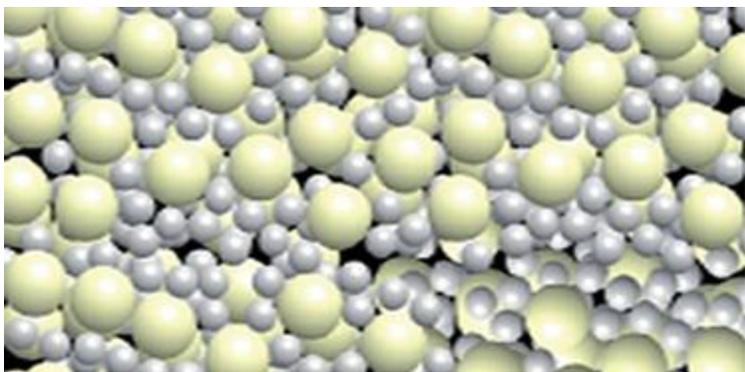
Matrix Structure



Fast resorption

Paclitaxel (3.0 $\mu\text{g}/\text{mm}^2$)

Proven drug Anti-proliferative Lipophilic

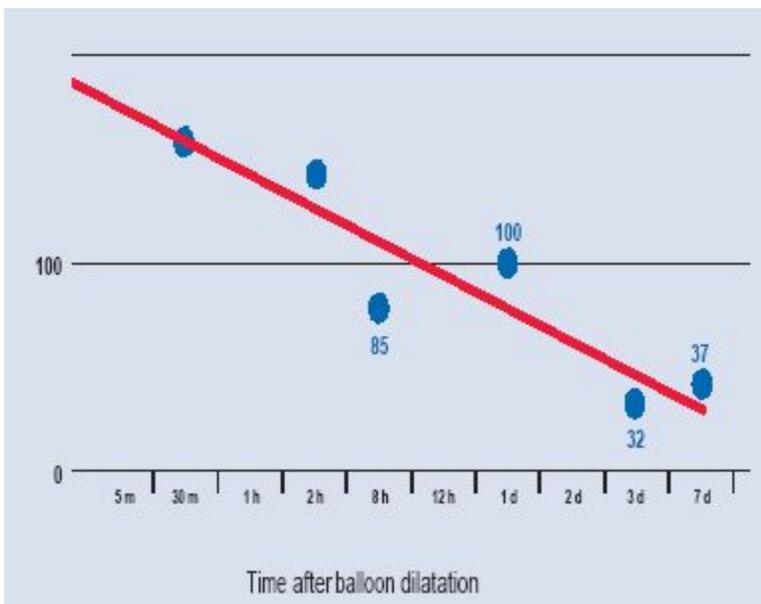


Butyryl-tri-hexyl citrate (BTHC)

Keeps paclitaxel crystalline Optimal bioavailability

Degrades to citric acid and alcohol

The combination of paclitaxel and delivery excipient allows a quick absorption to the target lesion.



Technical Data

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Balloon

USABLE LENGTH		138 cm
LENGTH OF GUIDE WIRE LUMEN		27 cm
MATERIAL	Balloon	Proprietary polyamid compound
	Distal shaft	Polyamide, multilayer tube
	Proximal shaft	Stainless steel, PTFE coated
SHAFT SIZE	Proximal	1.9 F
	Distal	2.8 F
BALLOON FOLDING		3-fold balloon
MARKER BANDS		Embedded Platinum/Iridium
TIP PROFILE		0.017" (0.43 mm)
MAX. RECOMMENDED GUIDE WIRE		0.014" (0.36 mm)
RECOMMENDED GUIDE CATHETER		5 F (min. I.D. 0.056")

Coating

DRUG		Paclitaxel
DRUG DOSE		3.0 µg / mm ²
MOLECULAR TRANSFER MATRIX		Butyryl-tri-hexyl citrate (BTHC)
COATING AREA		Cylindrical and tapered section of the balloon

Balloon Ø [mm]	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
Pressure [MPa/bar]	Compliance [mm]							
0.7 / 7	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
0.8 / 8	2.05	2.30	2.53	2.79	3.03	3.29	3.55	4.06
0.9 / 9	2.09	2.35	2.57	2.83	3.07	3.32	3.59	4.12
1.0 / 10	2.14	2.40	2.60	2.87	3.10	3.36	3.64	4.18
1.1 / 11	2.18	2.45	2.63	2.91	3.14	3.39	3.68	4.24
1.2 / 12	2.23	2.50	2.67	2.94	3.17	3.43	3.73	4.29
1.3 / 13	2.27	2.54	2.70	2.98	3.20	3.46	3.77	4.35
1.4 / 14	2.32	2.59	2.73	3.02	3.24	3.50	3.82	4.41
1.5 / 15	2.37	2.64	2.77	3.06	3.27	3.53	3.87	4.47
1.6 / 16	2.41	2.69	2.80	3.10	3.31	3.57	3.91	
	Nominal			RBP – Do not exceed				

Order Information

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Balloon Ø	10 mm	15 mm	20 mm	25 mm	30 mm
2.00 mm	DEBC20010	DEBC20015	DEBC20020	DEBC20025	DEBC20030
2.25 mm	DEBC22510	DEBC22515	DEBC22520	DEBC22525	DEBC22530
2.50 mm	DEBC25010	DEBC25015	DEBC25020	DEBC25025	DEBC25030
2.75 mm	DEBC27510	DEBC27515	DEBC27520	DEBC27525	DEBC27530
3.00 mm	DEBC30010	DEBC30015	DEBC30020	DEBC30025	DEBC30030
3.25 mm	DEBC32510	DEBC32515	DEBC32520	DEBC32525	DEBC32530
3.50 mm	DEBC35010	DEBC35015	DEBC35020	DEBC35025	DEBC35030
4.00 mm	DEBC40010	DEBC40015	DEBC40020	DEBC40025	DEBC40030