

MOZEC™ SEB TECHNICAL SPECIFICATIONS

Catheter System	: Rapid Exchange (Rx)
Balloon Material	: Semi compliant
Drug formulation	: Solid Lipid Substrates (SLS)
Equivalent Drug Dose	: 3.00 µg/mm ²
Usable Catheter Length	: 142 cm
Balloon RO Markers	: Platinum / Iridium
Proximal shaft Diameter	: 1.98 F
Distal shaft Diameter	: 2.40 F for Ø 2.00 mm 2.70 F for Ø 2.25-4.50 mm
Markers on Proximal shaft	: Brachial and Femoral markers 90 cm and 100 cm from Distal Tip
Nominal Pressure	: 7 atm for all Diameters
Rated Burst Pressure (RBP)	: 16 atm Ø 2.00 to 4.00 mm 14 atm Ø 4.50 mm
Guide Catheter Compatibility	: 5 F (Min. I. D. 0.056" / 1.42 mm)
Max. Guidewire / Outer Diameter	: 0.014" (0.36 mm)

MOZEC™ SEB ORDERING INFORMATION

Diameter/ Length	9 mm	12 mm	14 mm	15 mm
2.00 mm	MOZS20009	MOZS20012	MOZS20014	MOZS20015
2.25 mm	MOZS22509	-	MOZS22514	-
2.50 mm	MOZS25009	-	MOZS25014	-
2.75 mm	MOZS27509	-	MOZS27514	-
3.00 mm	MOZS30009	-	MOZS30014	-
3.50 mm	MOZS35009	-	MOZS35014	-
4.00 mm	MOZS40009	-	MOZS40014	-
4.50 mm	MOZS45009	-	MOZS45014	-

Diameter/ Length	17 mm	20 mm	25 mm	30 mm
2.00 mm	MOZS20017	MOZS20020	MOZS20025	MOZS20030
2.25 mm	MOZS22517	MOZS22520	MOZS22525	MOZS22530
2.50 mm	MOZS25017	MOZS25020	MOZS25025	MOZS25030
2.75 mm	MOZS27517	MOZS27520	MOZS27525	MOZS27530
3.00 mm	MOZS30017	MOZS30020	MOZS30025	MOZS30030
3.50 mm	MOZS35017	MOZS35020	MOZS35025	MOZS35030
4.00 mm	MOZS40017	MOZS40020	MOZS40025	MOZS40030
4.50 mm	MOZS45017	MOZS45020	MOZS45025	MOZS45030

Manufacturer:
Meril Life Sciences Pvt. Ltd.
Survey No. 135/139, Bilakhia House, Muktanand Marg, Chala, Vapi - 396 191, Gujarat, India.
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Mozece™ SEB is a registered trademark of Meril Life Sciences Pvt. Ltd.
Mozece™ SEB is not approved by USFDA & not available for sale in USA.

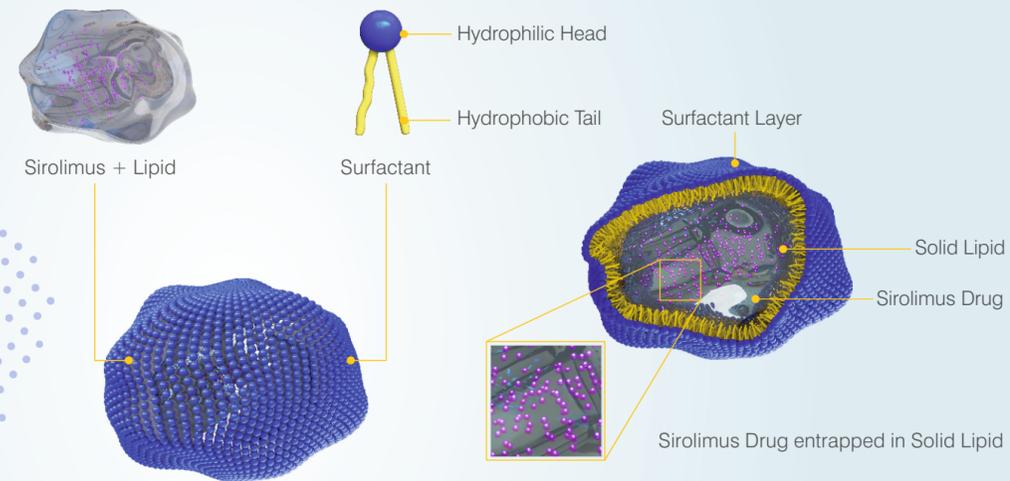
CE askinfo@merillife.com
www.merillife.com

MOZS/BROCHURE/009/20260109/GLOBAL

Sustained Drug Delivery,
Effective Vessel Recovery



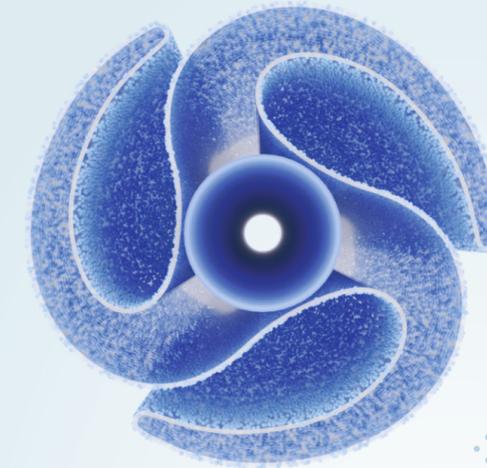
Solid Lipid Substrate (SLS) Technology



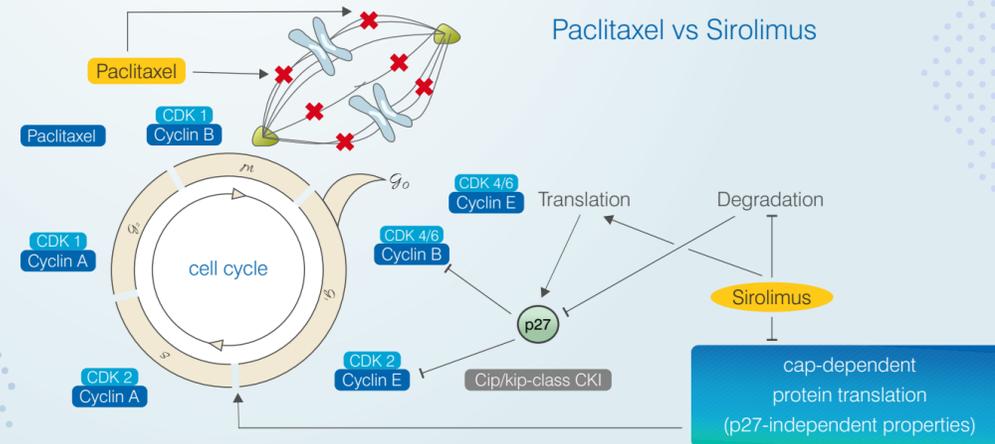
Design Philosophy

Tri Fold Concept

Reduces exposure of drug coated layer.
Minimizes drug loss.



Drug for DCB

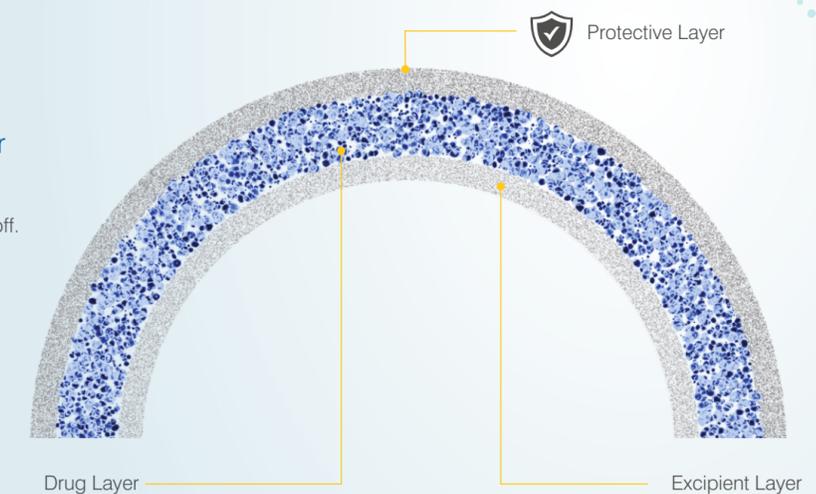


Paclitaxel vs Sirolimus

Attribute	Mode of Action	Margin of Safety	Anti-restenosis	Tissue Absorption & Elution
Limus	Cytostatic	10,000 fold	Optimal	More Difficult
Paclitaxel	Cytotoxic	100 fold	Good	Easier

Protective Layer

Shields drug layer.
Reduces drug wash-off.

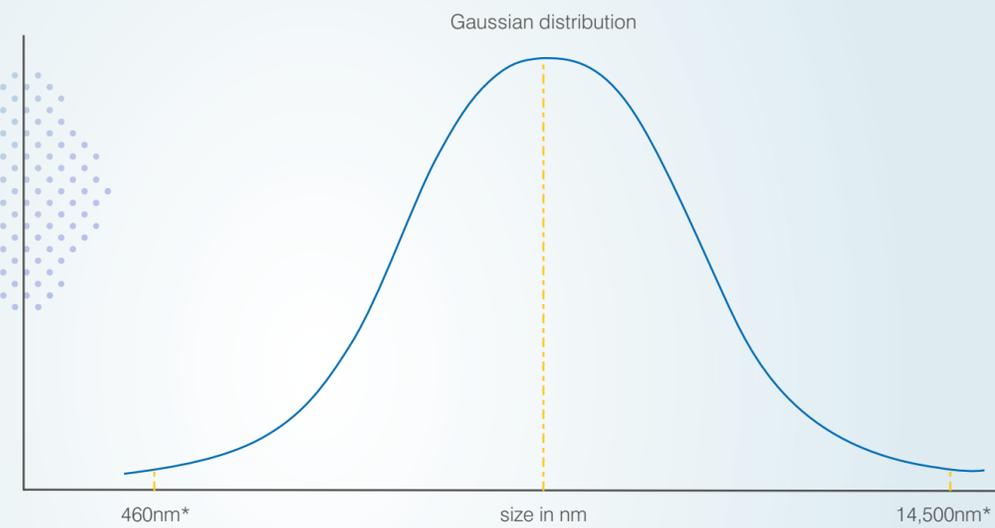


≥ 70% of drug is delivered at lesion site*

Differential Sizing of Solid Lipid Substrate (SLS)

Micron size particle with excellent gaussian distribution results in high packing density

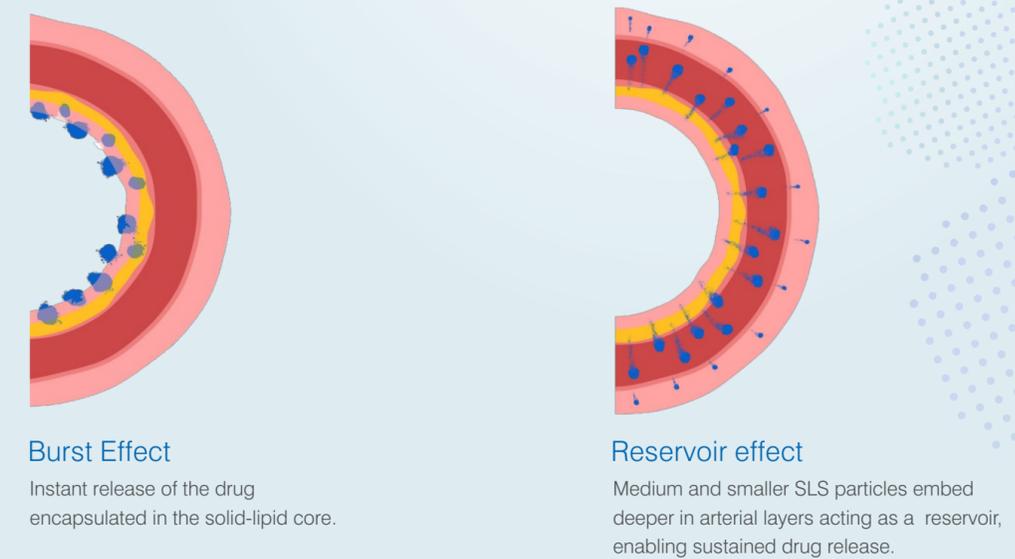
Higher drug concentration - 3 µg/mm²



Deep Tissue Penetration of Solid Lipid Substrate

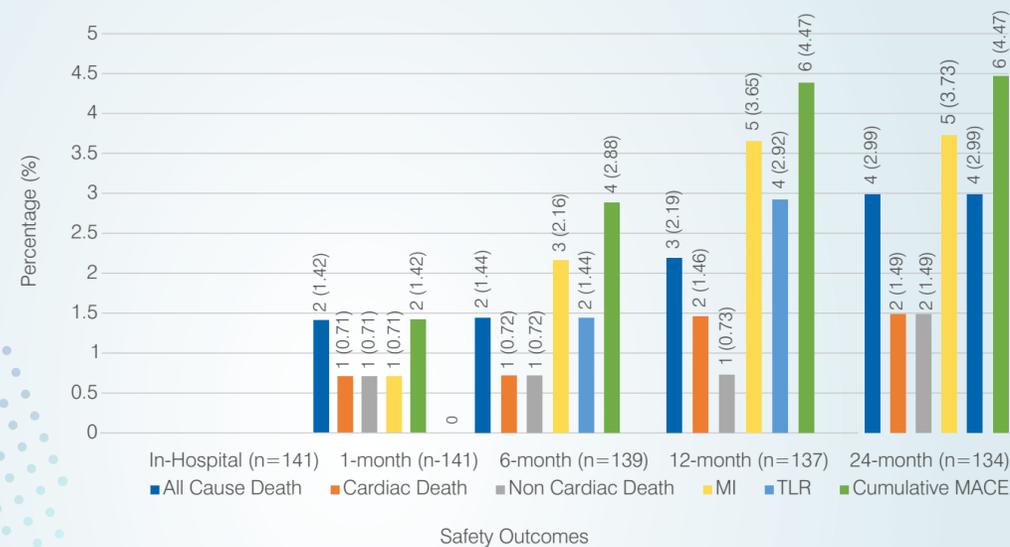


Dual Mechanism of Burst & Reservoir for Drug Release



Study MozecSEB PTCA-1

 Study	Safety and Performance of MozecSEB in the treatment of CAD -A Real world, Multicenter, Post-Marketing surveillance study
 Design	Prospective, Single Arm Multicenter, Real world, Post-marketing surveillance study of Safety and performance of MozecSEB
 Subjects	141 (Acute MI -, Total Coronary Occlusion -, ISR -)
 Duration	June 2017 to August 2021



- 141 Patients: De novo (70%), ISR (22%), Bifurcations (8%) with 40% type C lesion.
- TIMI3 flow was achieved in 99.45% cases with no bailout stenting.

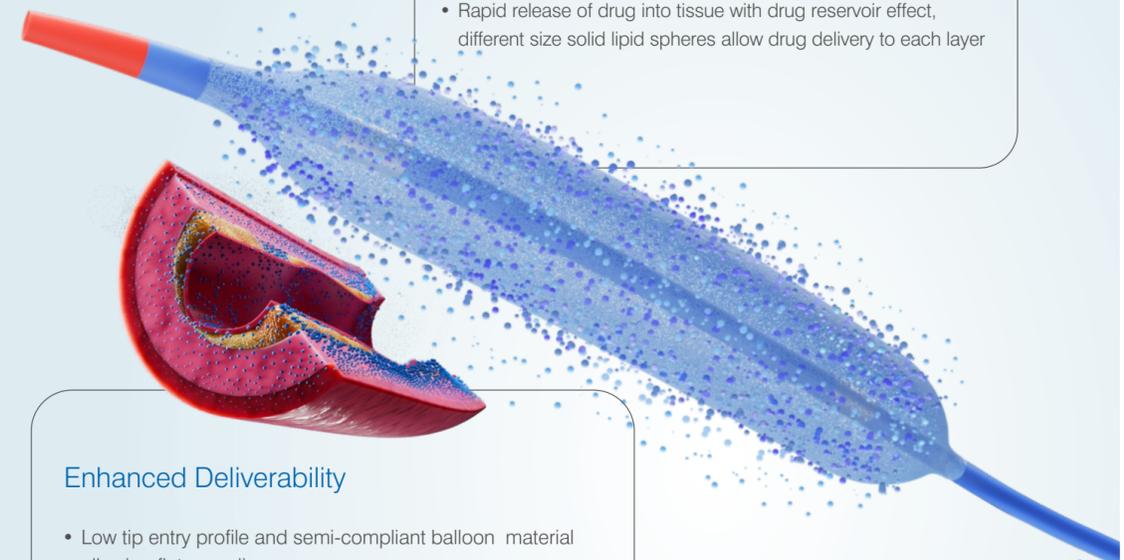
Conclusions

- MozecSEB demonstrated favorable clinical and angiographic outcomes, with a low MACE rate (4.47%), all cause mortality (2.99%), and TLR (2.99%) at 2 years follow up.
- Favorable vessel healing observed at the 6-month imaging follow-up.

Mozec DCB Platform

Novel Drug Delivery

- Unique formulation- Solid Lipid Substrates (SLS) consisting of Sirolimus + lipid
- Drug concentration Sirolimus 3.00 µg/mm²
- Stable drug formulation with controlled & targeted drug release
- Rapid release of drug into tissue with drug reservoir effect, different size solid lipid spheres allow drug delivery to each layer



Enhanced Deliverability

- Low tip entry profile and semi-compliant balloon material allowing flat compliance
- PTFE coated proximal shaft for enhanced navigability and to cross challenging lesions
- Transparent ergonomic hub displaying balloon dimensions with flexible distal segment and pushable proximal segment

Size Matrix

Ø -2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50 mm
/ -9, 12*, 14, 15*, 17, 20, 25, 30 mm

* For 2.00 mm balloon diameter only