



Protect what is valueable

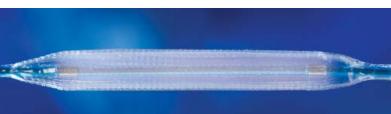


Drug eluting Balloon Catheter

Only innovations based on scientific evidence create the level of confidence required to transfer optimal treatment methods to higher quality of life.

Blue Medical has developed a Drug Eluting Balloon that opens a window of opportunities with regard to treating coronary diseases in the best possible manner. Supported by independent scientific evidence, we offer a safe, effective and reliable tool to further enhance patient care with accurate transient Local Drug Delivery.







RELIABLE TRANSIENT LOCAL DRUG DELIVERY WITH STATE OF THE ART CATHETER PERFORMANCE

Paclitaxel on Drug Eluting Balloon: Safe and Effective

- Load secured to achieve therapeutic window within 30 seconds inflation time.
- Paclitaxel is only active in the vessel wall for 3-5 days following delivery.
- Re-endothelialization starts within days after procedure.
- Vessel healing not interrupted and stable within days following procedure.

Balloon Drug Delivery Redefined

- Hydrophilic coating delivers Paclitaxel without any negative side-effects or inflammation.
- Drug component enclosed in folded balloon wings with Wing-Seal Technology.
- Fully stable Hydrophilic coating preventing any bio-chemical reactions.
- No coating or particles released or left behind at any time during use.
- Load optimized to $3 \mu g/mm^2$ drug loaded balloon surface.
- Hydrophilic coating delivers Paclitaxel instantaneous to the vessel wall on contact.
- Homogeneous distribution of Paclitaxel to vessel tissue on contact.
- No increased late-thrombus risks.
- Reliable drug delivery with drug dose accuracy.

Safety for operator and patient

- Drug incorporated in hydrophilic coating and wings, no accidental release or airborne drug.
- Minimized drug content in contact with operator.
- Minimized drug loss in bloodstream prior to inflation.



- No procedural changes required.

- Multiple inflations will not lead to toxic levels.
- Full 6F Kissing Technology compatibility.

Drug Eluting Balloon with all desired Workhorse Standards

- Clinically required atraumatic tip.

Wing-Seal Technology

- Tight balloon wrapping for reduced crossing profile.
- A smooth profile transition.

- Therapeutic window achieved after 30 seconds inflation time.

- Up to 120 seconds inflation will not lead to toxic levels.

- Tight lesion crossing does not influence drug delivery, pre-dilatation not required.

- Enhanced state of the art Drug Eluting Balloon treatment.

- Superior rewrap incorporated the latest insights on re-folding and rewrap interactions. - Optimal pushability and trackability due to balanced proximal and distal shaft transitions. - Full hydrophilic coating, tip to distal shaft, including the folded balloon.

- Low profile Wig Shape Design "tip to balloon" transition for smoother crossing results.

- No balloon-wing flaring preserving drug load within the wings.



| BALLOON CATHETER COMPLIANCE | | | | | | | | |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|---------|--|--|
| Pressure (bar)* | Ø 2.00 (mm) | ø 2.50 (mm) | Ø 3.00 (mm) | Ø 3.50 (mm) | Ø 4.00 (mm) | | | |
| 4 | 1.94 | 2.43 | 2.91 | 3.40 | 3.88 | | | |
| 5 | 1.97 | 2.46 | 2.95 | 3.44 | 3.93 | | | |
| 6 NP | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | | | |
| 7 | 2.03 | 2.54 | 3.05 | 3.56 | 4.07 | | | |
| 8 | 2.06 | 2.58 | 3.09 | 3.61 | 4.12 | | | |
| 9 | 2.09 | 2.62 | 3.14 | 3.66 | 4.19 | | | |
| 10 | 2.12 | 2.65 | 3.18 | 3.71 | 4.24 | | | |
| 11 | 2.15 | 2.69 | 3.23 | 3.77 | 4.31 | | | |
| 12 | 2.19 | 2.73 | 3.28 | 3.83 | 4.37 | | | |
| 13 | 2.21 | 2.77 | 3.32 | 3.87 | 4.43 | n | | |
| 14 | 2.25 | 2.81 | 3.37 | 3.93 | 4.49 | 100 kPa | | |
| 15 | 2.27 | 2.84 | 3.41 | 3.98 | 4.55 | 10 | | |
| 16 RBP | 2.31 | 2.88 | 3.46 | 4.04 | 4.61 | 1har = | | |
| 17 | 2.33 | 2.92 | 3.50 | 4.08 | 4.67 | ۲ * | | |
| 18 | 2.37 | 2.96 | 3.55 | 4.14 | 4.73 | | | |
| 19 | 2.40 | 3.00 | 3.60 | 4.20 | 4.80 | | | |
| 20 | 2.43 | 3.04 | 3.65 | 4.26 | 4.87 | | | |
| | | | | | | | | |

NP: Nominal Pressure RBP: Rated Burst Pressure. Do not exceed

| TE | CL | C A | LD | | - Λ |
|----|----|-----|--------|-----|-----|
| | СП | CA | . L. L | ואי | A |

| Nominal Pressure: | | | | |
|--------------------------------|------|--|--|--|
| Rated Burst Pressure: | | | | |
| Balloon material: | S | | | |
| Folding: | 3 | | | |
| Drug: | P | | | |
| Guiding catheter compatibility | /: 5 | | | |
| | 6 | | | |
| Guide wire compatibility: | n | | | |
| Catheter type: | R | | | |
| Proximal shaft: | | | | |
| Distal shaft: | 2 | | | |
| Lesion entry profile: | 0 | | | |
| Usable Catheter Length: | 1 | | | |
| Deflation time: | 3 | | | |
| Tapered tip: | 3 | | | |
| Catheter coating: | Н | | | |
| Shelf life: | 3 | | | |
| | | | | |

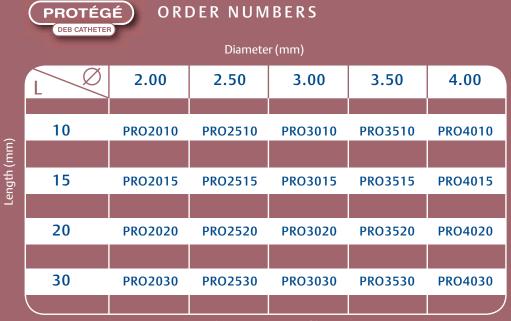
For the latest updates and additional technology details, refer to "DEB Technology Brochure" and our website, www.bluemedical.com.





l 6 bar (except Ø 4.00=13 bar) Semi-compliant polyamide 8-folds; Wing-Seal Technology Paclitaxel (3.0 μg/mm², Drug loaded balloon surface) 5F (min ID 0.056"/1.42 mm) 5F Kissing Technology max 0.014" (0.36 mm) Rapid Exchange 1.9F (0.64 mm) 2.4F (0.80 mm) 0.016" (0.40 mm) 154 cm 3 seconds (Ø 3.0, L: 20)

Hydrophilic coating 3 Years from sterilization date



ORDER NUMBER Description: PRODDLL (D=Diameter, L=Length)



BLUE TEDIA

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BLUE MEDICAL BV, STEENOVENWEG 19, 5708 HN HELMOND, THE NETHERLANDS PHONE: +31 (0)492 58 89 00, FAX: +31 (0)492 58 89 09, E-MAIL: CS@BLUEMEDICAL.COM, WWW.BLUEMEDICAL.COM

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