

CiD
Carbostent & Implantable Devices



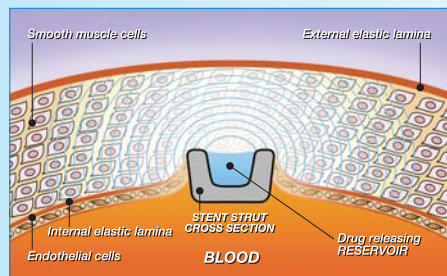
Adhere to patient care

OPTIMA
Tacrolimus eluting Carbostent

Optima wall contact delivers efficacy in safety



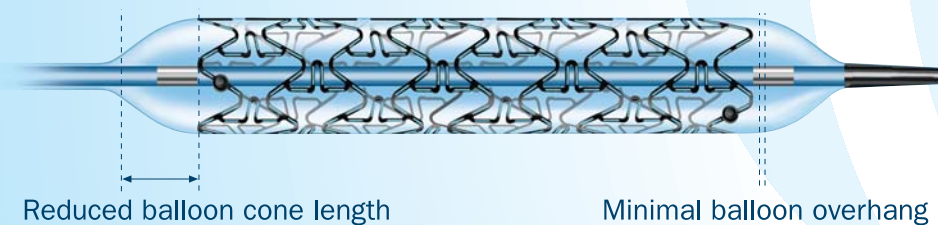
Proprietary polymer-free abluminal reservoir technology



- Drug release towards vessel wall
- Kinetic drug release modulated by reservoir shape & deepness
- 100% drug release

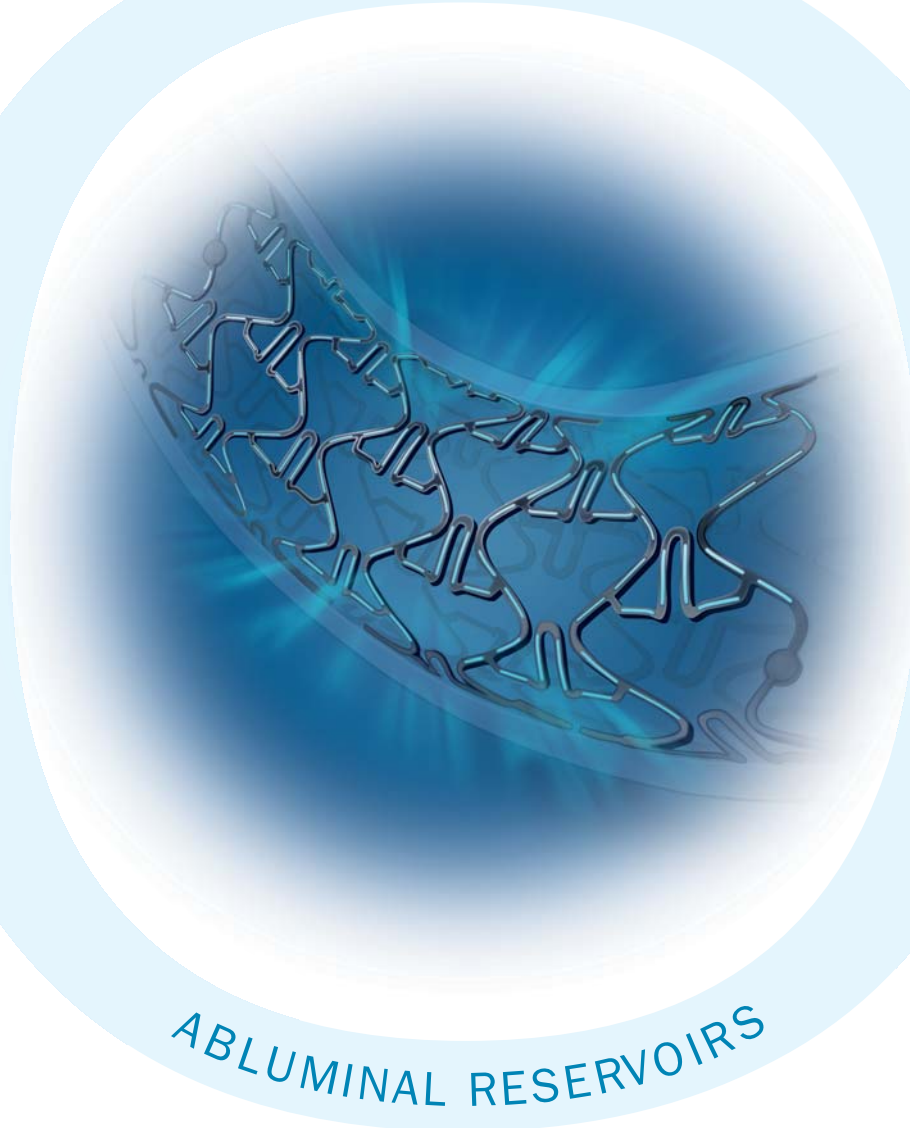
- The clinically proven Carbofilm™ coating¹ is the only surface in contact with blood & vessel wall

Stent delivery system specifically designed to optimize DES expansion



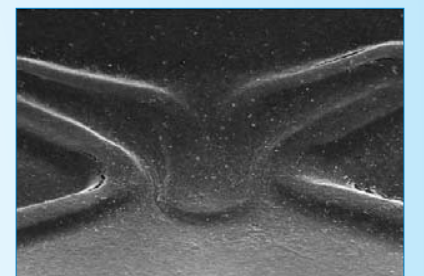
- Improved stent strut apposition

POLYMER FREE



2 months DAT thanks to faster endothelialization

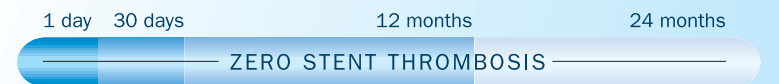
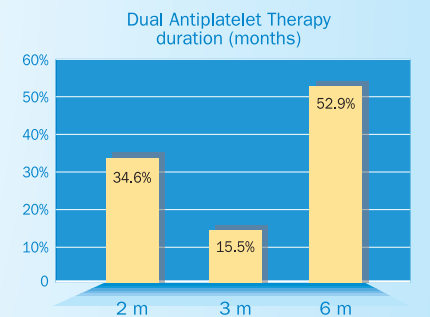
- Integral Carbofilm™ coating with over 20 years of human implants¹
- Unique polymer-free platform with abluminal reservoir
- Endothelial friendly drug Tacrolimus²



93% endothelial coverage at 7 and 100% at 15 days³

Extremely positive long term safety⁴

- 0% stent thrombosis in randomized trial
- Very short DAT duration
- No new QWMI, non-QWMI and cardiac deaths between 6 and 24 months



¹ Hurricane (Antoniucci et al; Cathet Cardiovasc Intervent 2001;54:420-426), Antares (Bartorelli et al; Cathet Cardiovasc Intervent 2002;55:150-156) and Safe (Bartorelli et al; Am J of Cardiol April 2007) studies

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² Folliguet AT, Le Bret E, Bachet J, Laborde F. "Pericarbon™ pericardial bioprosthesis: an experience based on the lessons of the past". Ann. Thorac. Surg. 2001;71:289-92

³ Matter et al, Journal of Cardiovascular Pharmacology, Dec06

⁴ Pig model; data at CID Srl

⁴ Prospective randomized clinical trial results at 24 months

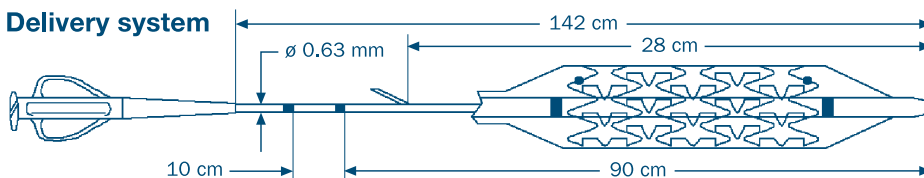
Coronary stent

- Stent material: Stainless steel AISI 316 LVM
- Slotted tube multicellular architecture with unique abluminal reservoirs for drug loading
- Integral turbostratic carbon coating (Carbofilm™)
- Polymer-free drug release device
- Strut thickness = 110µm
- Metal to artery ratio: 16-19%
- Recoil: 1-4%
- 2 radiopaque markers
- Negligible stent foreshortening upon expansion

Tacrolimus*

- Cytostatic immunosuppressive drug
- Highly lipophilic drug
- Specific dose by vessel treated equivalent to 2.3µg/mm²

Delivery system



Device specifications

- Guiding catheter compatibility: 5F (0.058")
- Nominal Pressure (NP): 8 ATM
- Rated Burst Pressure (RBP): 16 ATM
- Average Burst Pressure (ABP): 22 ATM



Ordering information

Length	12mm	15mm	19mm	25mm	31mm
2.5mm	ICV8605	ICV8606	ICV8607	ICV8608	-
2.75mm	ICV8609	ICV8610	ICV8611	ICV8612	-
3.0mm	ICV8613	ICV8614	ICV8615	ICV8616	ICV8617
3.5mm	ICV8618	ICV8619	ICV8620	ICV8621	ICV8622
4.0mm	ICV8623	ICV8624	ICV8625	ICV8626	ICV8627

Please contact your local sales representative for product availability

NOT FOR SALE IN USA AND JAPAN



Manufactured by: CID S.r.l.
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www.cidvascular.com

