

**iVascular**<sup>®</sup>  
therapies for living

# angiolute

Sirolimus eluting coronary stent system

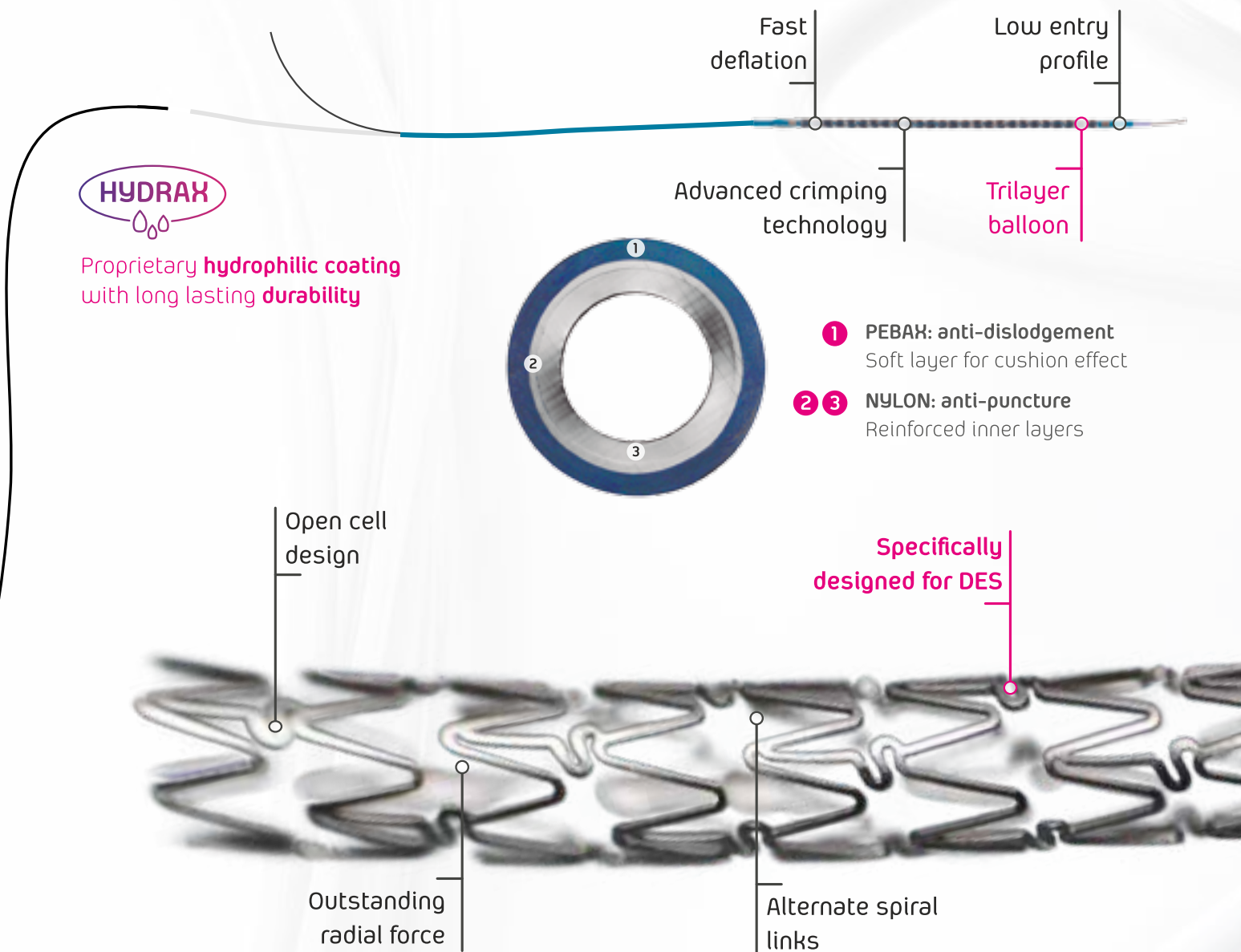


Coating **durability**  
& optimal **kinetics**

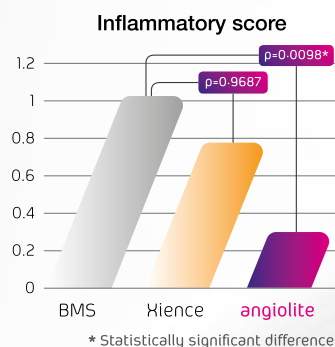
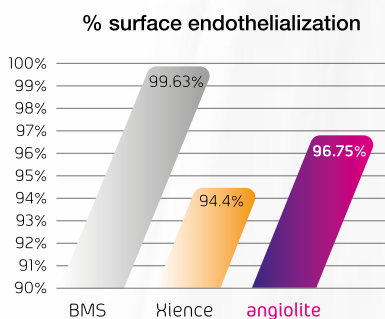


[www.ivascular.global](http://www.ivascular.global)

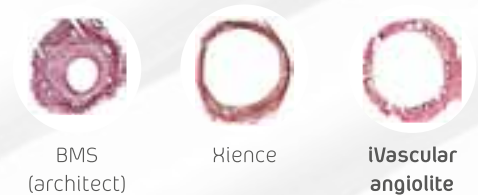
# mechanical integrity



# preclinical study



**Efficacy**  
28-day histological analysis  
restenosis is equivalent to Xience



Assess safety & efficacy of new generation DES (**angiolite**) vs 2nd gen DES (**Xience**) and BMS  
Over-expansion swine model  
33 stents randomized over the 3 major coronary arteries  
28-day angiographic & histomorphometric follow-up

**Safety**  
Angiolite shows improved endothelialization rates and less inflammation than Xience

# homogeneous drug delivery

BMS - CoCr



Proprietary **nanodrop coating** technology

Acrylate



Primer

Fluorinated acrylate +  
Sirolimus

Matrix

Fluoropolymer

Top



Artery

Coating  
integrity



## clinical trial

The ANCHOR study results confirm the safety and efficacy of the Angiolite for the treatment of patients with de novo lesions.

OCT  
3-month  
follow-up

Covered struts  
rate 86,3%

### High Efficacy

At 6-month proven  
and mainly supported by  
**binary restenosis 0%**  
**in-stent LLL 0,07mm.**

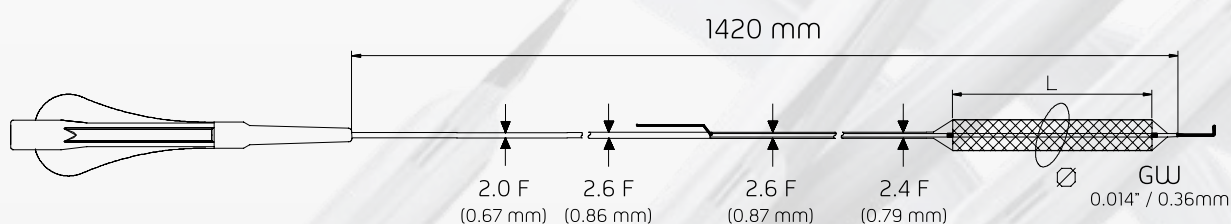
### High Safety

Supported by a very **low target  
lesion failure rate 1%**, caused by  
**1% of target lesion  
revascularization at 6-month.**

**ANCHOR Study**  
103 patients

# angiolute features

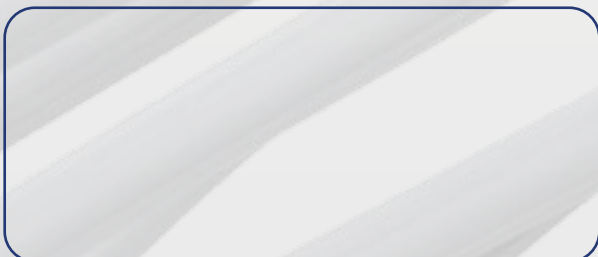
- > **Rapid Exchange catheter (RX)**
- > Compatible with **0.014" guidewire**
- > Compatible with **5F guiding catheter**
- > Tip profile: **0.016"**
- > Crossing profile from **0.043" to 0.051"**
- > **2 radiopaque markers** (Pt-Ir)
- > Balloon material: **Nylon and Pebax**
- > **Semi-compliant** balloon
- > Mean deflation time: **3s**
- > NP: **9-12 atm** | RBP = **16 atm** | ABP = **22 atm**
- > Stent material: **CoCr L605**
- > Strut thickness **75 µm - 85 µm**
- > Recoil < **5%**
- > Shortening at expansion < **3%**
- > Drug: **1.4 µg/mm<sup>2</sup> Sirolimus**
- > Polymer: **Fluorinated acrylate**



Product with CE mark, certified by Notified Body 0318

Stent diameter (mm)	Working catheter length: 142 cm							
	Stent length (mm)							
	9	14	16	19	24	29	34	39
2.00	SCC DSRI4 150 200 009	SCC DSRI4 150 200 014	SCC DSRI4 150 200 016	SCC DSRI4 150 200 019	SCC DSRI4 150 200 024	SCC DSRI4 150 200 029	SCC DSRI4 150 200 034	SCC DSRI4 150 200 039
2.25	SCC DSRI4 150 225 009	SCC DSRI4 150 225 014	SCC DSRI4 150 225 016	SCC DSRI4 150 225 019	SCC DSRI4 150 225 024	SCC DSRI4 150 225 029	SCC DSRI4 150 225 034	SCC DSRI4 150 225 039
2.50	SCC DSRI4 150 250 009	SCC DSRI4 150 250 014	SCC DSRI4 150 250 016	SCC DSRI4 150 250 019	SCC DSRI4 150 250 024	SCC DSRI4 150 250 029	SCC DSRI4 150 250 034	SCC DSRI4 150 250 039
2.75	SCC DSRI4 150 275 009	SCC DSRI4 150 275 014	SCC DSRI4 150 275 016	SCC DSRI4 150 275 019	SCC DSRI4 150 275 024	SCC DSRI4 150 275 029	SCC DSRI4 150 275 034	SCC DSRI4 150 275 039
3.00	SCC DSRI4 150 300 009	SCC DSRI4 150 300 014	SCC DSRI4 150 300 016	SCC DSRI4 150 300 019	SCC DSRI4 150 300 024	SCC DSRI4 150 300 029	SCC DSRI4 150 300 034	SCC DSRI4 150 300 039
3.50	SCC DSRI4 150 350 009	SCC DSRI4 150 350 014	SCC DSRI4 150 350 016	SCC DSRI4 150 350 019	SCC DSRI4 150 350 024	SCC DSRI4 150 350 029	SCC DSRI4 150 350 034	SCC DSRI4 150 350 039
4.00	SCC DSRI4 150 400 009	SCC DSRI4 150 400 014	SCC DSRI4 150 400 016	SCC DSRI4 150 400 019	SCC DSRI4 150 400 024	SCC DSRI4 150 400 029	SCC DSRI4 150 400 034	SCC DSRI4 150 400 039
4.50	-	SCC DSRI4 150 450 014	SCC DSRI4 150 450 016	SCC DSRI4 150 450 019	SCC DSRI4 150 450 024	SCC DSRI4 150 450 029	SCC DSRI4 150 450 034	SCC DSRI4 150 450 039

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