

Innovative Stent Design with Flexibility and Strength



Third Generation DES



65µm Strut Thickness

- Optimal performance in small vessel stenting
- Helps preserving Endothelium during stent delivery
- Less Trauma to Vessel wall
- Minimize Smooth Muscle cell migration and proliferation

Excellent Flexibility

- Co-Cr stent provides strength and stability while maintaining a
 - high level of flexibility for tortuous anatomy and vessel confirmity

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Low profile to access difficult lesions with enhanced tip for greater flexibility



Good Pushability

For crossing difficult lesions

Excellent Deliverability

Advanced stent engineering provides excellent deliverability and impressive structural performance

Cobalt-Chromium alloy coronary stent (L605)

- Cobalt Chromium L605 which contains no Molybdenum and only 10% of Nickel compared to conventional Brands.
- * Contact related allergies of Nickel and Molybdenum may trigger instent restenosis (* Lancet Report)

The successful delivery, efficacy and safety through the combination of proven drug and reliable polymer.



Most proven drug, Low drug dose

 $\begin{array}{c} CH_3 & 0\\ -CH-C & -CH-C & HO \end{array}$ HO $\begin{array}{c} CH_2 & 0\\ -CH-C & -CH-C & HO \end{array}$ HO $\begin{array}{c} CH_2 & 0\\ -CH_2 & 0 \end{array}$

Biodegradable and Biocompatible polymer PLA and PLGA

ISO 13485 Certified Company. Mfg. Lic. No. MFG/MD/2019/000008

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Promising Wellbeing...



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TECHNICAL SPECIFICATIONS

STENT

Stent Material Strut Thickness Stent Diameters (mm) Stent Lengths (mm) Recoil Percentage Forshortening

DRUG / POLYMER

Drug Equivalent Drug Dose Polymer

: 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50 : 8, 13, 16, 19, 24, 29, 32, 37, 40 : Average 3.2 % : <u>+</u> 1.3 %

: Sirolimus : 1.33 µg / mm² : Biodegradable and Biocompatible

: Cobalt Chromium L605 : 65 µm (0.065 mm or 0.0026")



DELIVERY SYSTEM

Usable Catheter Length

Min. Guide Catheter I.D.

Max. Guidewire

- **Delivery System Nominal Pressure** : 9 ATM **Rated Burst Pressure** : 16 ATM* **Balloon Overhang** : < 0.3 mm Shaft Outer Diameter Radiopaque Markers
- : Rapid Exchange * 14 ATM for 4.50 mm diameter, 3.50 mm diameter with length >35 mm and 4.00 mm diameter with length >30 mm : Proximal 1.95 F / Distal 2.7 F : 2 Platinum / Iridium : 140 cm Guide Catheter Compatibility : 5 F : 0.056" / 1.42 mm
 - : 0.014" (0.036 mm)

ORDERING INFORMATION (Reference Code)

Stent Diameters (mm)	Stent Lengths (mm)								
	8	13	16	19	24	29	32	37	40
2.25	AC2.1 2.2508	AC2.1 2.2513	AC2.1 2.2516	AC2.1 2.2519	AC2.1 2.2524	AC2.1 2.2529	AC2.1 2.2532	AC2.1 2.2537	AC2.1 2.2540
2.50	AC2.1 2.5008	AC2.1 2.5013	AC2.1 2.5016	AC2.1 2.5019	AC2.1 2.5024	AC2.1 2.5029	AC2.1 2.5032	AC2.1 2.5037	AC2.1 2.5040
2.75	AC2.1 2.7508	AC2.1 2.7513	AC2.1 2.7516	AC2.1 2.7519	AC2.1 2.7524	AC2.1 2.7529	AC2.1 2.7532	AC2.1 2.7537	AC2.1 2.7540
3.00	AC2.1 3.0008	AC2.1 3.0013	AC2.1 3.0016	AC2.1 3.0019	AC2.1 3.0024	AC2.1 3.0029	AC2.1 3.0032	AC2.1 3.0037	AC2.1 3.0040
3.50	AC2.1 3.5008	AC2.1 3.5013	AC2.1 3.5016	AC2.1 3.5019	AC2.1 3.5024	AC2.1 3.5029	AC2.1 3.5032	AC2.1 3.5037	AC2.1 3.5040
4.00	AC2.1 4.0008	AC2.1 4.0013	AC2.1 4.0016	AC2.1 4.0019	AC2.1 4.0024	AC2.1 4.0029	AC2.1 4.0032	AC2.1 4.0037	AC2.1 4.0040

Note: Other sizes are availabale upon special request.



54 year female with multi vessel disease,

Stents were patent at six month follow up.

hypertensive : family history of CAD treated with 4 genXSync Stents (110 mm)

