

### **Technical specifications**

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itent design	Multiple mono-type cells					
itent construction	Slotted tube laser cut					
itent material	Cobalt Chromium alloy					
itent diameter	<b>SV</b> = 2.00, 2.25, 2.50 mm / <b>MV</b> = 2.75, 3.00, 3.50 mm <b>LV</b> = 4.00, 4.50, 5.00 mm					
itent length	7, 10, 13, 16, 20, 25, 30, 35, 40 mm					
itrut thickness	<b>SV</b> = 70 μm / <b>MV</b> = 80 μm / <b>LV</b> = 95 μm					
Stent Delivery System						
Catheter design	Rapid Exchange (RX)					
haft diameter	distal SV= 2.7F / MV= 2.8F / LV= 3.2F proximal 2.0F					
Jsable shaft length	140 cm					
Guidewire compatibility	0.014"					
Guiding catheter compatibility	5F					
VBP	9 bar					
RBP	17 bar (16 bar for 5.0 mm)					
French (F) = 0.333 mm - 1 inch (") = 25.4 mm - 2.54 cm - 1 cm = 10 mm. Under continuous product durates are transferred to the second						

m = 10 mm Under continuous product development program, Invatec reserves the right to modify specifications without prior notice.

Order information

SV						LV		
Ref. N°	Stent-Ø (mm)	Stent length (mm)	Ref. N°	Stent-Ø (mm)	Stent length (mm)	Ref. N°	Stent-Ø (mm)	Stent length (mm)
SKL 020 007 002	2.00	7	SKL 027 007 002	2.75	7	SKL 040 010 002	4.00	10
SKL 020 010 002	2.00	10	SKL 027 010 002	2.75	10	SKL 040 013 002	4.00	13
SKL 020 013 002	2.00	13	SKL 027 013 002	2.75	13	SKL 040 016 002	4.00	16
SKL 020 016 002	2.00	16	SKL 027 016 002	2.75	16	SKL 040 020 002	4.00	20
SKL 020 020 002	2.00	20	SKL 027 020 002	2.75	20	SKL 040 025 002	4.00	25
SKL 020 025 002	2.00	25	SKL 027 025 002	2.75	25	SKL 040 030 002	4.00	30
SKL 020 030 002	2.00	30	SKL 027 030 002	2.75	30	SKL 040 035 002	4.00	35
SKL 022 007 002	2.25	7	SKL 027 035 002	2.75	35	SKL 040 040 002	4.00	40
SKL 022 010 002	2.25	10	SKL 030 007 002	3.00	7	SKL 045 010 002	4.50	10
SKL 022 013 002	2.25	13	SKL 030 010 002	3.00	10	SKL 045 013 002	4.50	13
SKL 022 016 002	2.25	16	SKL 030 013 002	3.00	13	SKL 045 016 002	4.50	16
SKL 022 020 002	2.25	20	SKL 030 016 002	3.00	16	SKL 045 020 002	4.50	20
SKL 022 025 002	2.25	25	SKL 030 020 002	3.00	20	SKL 045 025 002	4.50	25
SKL 022 030 002	2.25	30	SKL 030 025 002	3.00	25	SKL 045 030 002	4.50	30
SKL 025 007 002	2.50	7	SKL 030 030 002	3.00	30	SKL 045 040 002	4.50	40
SKL 025 010 002	2.50	10	SKL 030 035 002	3.00	35	SKL 050 013 002	5.00	13
SKL 025 013 002	2.50	13	SKL 035 007 002	3.50	7	SKL 050 016 002	5.00	16
SKL 025 016 002	2.50	16	SKL 035 010 002	3.50	10	SKL 050 020 002	5.00	20
SKL 025 020 002	2.50	20	SKL 035 013 002	3.50	13	SKL 050 025 002	5.00	25
SKL 025 025 002	2.50	25	SKL 035 016 002	3.50	16	SKL 050 030 002	5.00	30
SKL 025 030 002	2.50	30	SKL 035 020 002	3.50	20	SKL 050 040 002	5.00	40
			SKL 035 025 002	3.50	25			
			SKL 035 030 002	3.50	30			
			SKL 035 035 002	3.50	35			



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Distributor



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**Coronary stent system** 

The world's smallest profile The world's best long term result

We make ideas come alive

# The world's smallest profile -The world's best long term results



A new closed cell, thin strut Cobalt Chromium stent\* was used in a 2006, consecutive single center registry. Between August 2005 and June 2006, consecutive single center registry.

new closed cell, thin strut Cobalt Chromium stent\* was used in a new closed cell, thin strut Cobalt Chromium stent\* was used in a live single center registry. Between August 2005 and June 2006, consecutaneous ive single center registry. Between August artery disease candidate for Percutaneous with stable or unstable coronary artery disease registry. The stable of the stable coronary artery disease is a stable of the stable of the stable coronary artery disease is a stable of the stable o

rate at 6 months of 4.00%. there were 2 (1.33%) cardiac deaths, 1 ( 3 (2.00%) clinically driven target lesion revascularization (TLR).

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Conclusio

**Results**: 150 patients were successfully treated with the investigational BMS during the study period. Mean reference vessel diameter was 3.05 mm (± 0.31 sD). Mean the study period. Mean reference vessel The rate of diabetic patients was 5.33% the study period. Mean reference vessel NThe rate of Major Adverse Cardiac Events the study period. Mean reference vessel NACE (Major Adverse Cardiac Verse) the study period was 15.19 mm (± 6.49 SD). The rate of Major Adverse Cardiac terms the study period was 15.19 mm (± 6.49 SD). The rate of Major Adverse Cardiac terms the study period was 15.19 mm (± 6.49 SD). The rate of Major Adverse Cardiac terms the study period was 15.19 mm (± 6.49 SD). The rate of Major Adverse (1.18). The study here the study of the study of the study of the rate of the rate of patients with a stowed MACE (Major terms). The study here are of the rate of

**Coronary stent system** of a last generation coronary stent in a real wor twninal non DRS nonulation

The world's smallest crossing profile  $(3.0 \times 16 \text{ mm})$ 0.036″ - 0.91 mm

### Homogeneous scaffolding

- upon deployment

## Proprietary closed cell design

The Skylor<sup>™</sup> stent combines the reliable scaffolding properties of closed cell structures, with the low profile and flexibility present in traditional open cell stents

### Long term results

- In the 150 patients LEONARDO Registry, Skylor at 6 months



Skylor SV (Small Vessels) Ø = 2.00, 2.25, 2.50 mm, L = 7, 10, 13, 16, 20, 25, 30 cm 3 circumferential cells, Strut Thickness: 70 μm Metal to Artery ratio: 12.5 % avg

• A consistent Metal to Artery ratio allows for delicate vessel wall apposition with minimum flow turbulence.

• Struts are designed to prevent fish scaling or flaring



Skylor MV (Medium Vessels)  $\emptyset = 2.75, 3.00, 3.50 \text{ mm}, L = 7, 10, 13,$ 16, 20, 25, 30, 35 mm 4 circumferential cells, Strut Thickness: 80 μm Metal to Artery ratio: 14.5 % ava



Skylor LV (Large Vessels) Ø 4.00, 4.50, 5.00 mm, L = 10, 13, 16, 20, 25, 30, 35, 40 mm 5 circumferential cells, Strut Thickness: 95 μm Metal to Artery ratio: 14.0 % avg

produced a mace of only 4% and a TLR of only 2 %

• In the 150 patients SKYCE Registry, Skylor produced a mace of only 8.0% and a TLR of only 6% at 9 months