



*The Nexgen Revolutionary Stent, with
NO NICKEL & COBALT*

3V SIRONIX

Sirolimus Eluting (Nickel Free)
Stent System

Uncompromised Quality
Unsurpassed Value

NICKEL - FREE , COBALT FREE STENT

Corrosion free, Highly Biocompatible alloy

Optimal Loading Dose

Optimum Sirolimus Loading dose of
1.4 micro gram per square
millimeter

Unique Formulation

Formulated for complete
decomposition into CO₂ & H₂O
during 10 - 13 week period

Controlled Drug Release

90% drug released
within 4-6 weeks of implant

Enhanced Drug Delivery Efficiency

Unique asymmetric coating to
obtain 5 micron abluminal &
2.5 micron luminal
concentration

Optimized Design

Structural behavior during
bending & expansion

Uncompromised Quality
Unsurpassed Value

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US-FDA Filed
Sirolimus Drug API

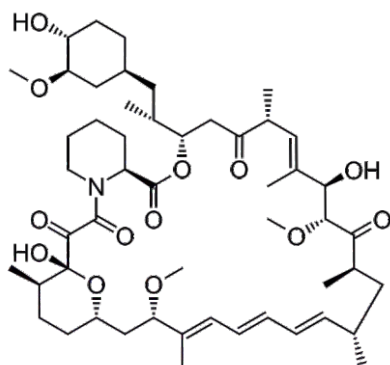
Unique Nickel-Cobalt
Free Platform

CE Marked
Stent Delivery System

Uncompromised Quality
Unsurpassed Value

Novel Drug Delivery System

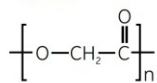
3V SIRONIX elutes Sirolimus from biodegradable polymer based matrix. The drug is coated on both abluminal and luminal surface of the stent and delivered in a controlled manner. This gives the device a unique advantage of having superior safety and efficacy.



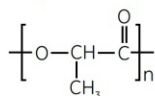
Proven Drug Efficacy & Safety

Sirolimus is an immunosuppressant drug molecule. It has been widely used on stents. The drug acts by cyto-static mechanism whereby it prevents the cell proliferation and helps in preventing restenosis.

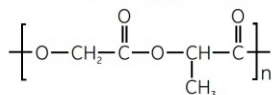
Poly (glycolic acid)



Poly (lactic acid)



Poly (D,L - Lactide-co-Glycolide) Copolymer



Biodegradable Polymer Matrix

The stent consists of a biodegradable polymer matrix containing Poly-L Lactide family of co-polymers. This polymer is completely biodegraded within 10 - 13 weeks of implantation.

Available Sizes						
Length	Diameter in mm					
	2.25	2.50	2.75	3.00	3.50	4.00
8 mm	☐	☐	☐	☐	☐	☐
12 mm	☐	☐	☐	☐	☐	☐
16 mm	☐	☐	☐	☐	☐	☐
20 mm	☐	☐	☐	☐	☐	☐
24 mm	☐	☐	☐	☐	☐	☐
28 mm	☐	☐	☐	☐	☐	☐
32 mm	☐	☐	☐	☐	☐	☐
36 mm	☐	☐	☐	☐	☐	☐
40 mm	☐	☐	☐	☐	☐	☐

Pressure (atm)	Balloon Diameter (mm)					
	2.25	2.50	2.75	3.00	3.50	4.00
2	1.98	2.20	2.42	2.64	3.08	3.52
3	2.03	2.25	2.48	2.70	3.15	3.60
4	2.07	2.30	2.53	2.76	3.22	3.68
5	2.12	2.35	2.59	2.82	3.29	3.76
6	2.16	2.40	2.64	2.88	3.36	3.84
7	2.21	2.45	2.70	2.94	3.43	3.92
8*	2.25	2.50	2.75	3.00	3.50	4.00
9	2.28	2.54	2.79	3.05	3.55	4.06
10	2.32	2.58	2.83	3.09	3.61	4.12
11	2.35	2.61	2.87	3.14	3.66	4.18
12	2.39	2.65	2.92	3.18	3.71	4.24
13	2.42	2.69	2.96	3.23	3.77	4.31
14	2.46	2.74	3.01	3.29	3.83	4.38
15	2.50	2.78	3.06	3.34	3.89	4.45
16**	2.54	2.83	3.11	3.39	3.96	4.52
17	2.58	2.86	3.15	3.44	4.01	4.58
18	2.61	2.90	3.19	3.48	4.06	4.64

*Nominal Pressure: 8 Bar

**Rated Burst Pressure: 16 Bar Do not exceed

For 4.00mm, it is 14 Bar/ Do not exceed

Contact Information:

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