

From Indigenous Ideas to Newtech Solutions

Auricle™



Sirolimus Eluting Coronary Stent System

www.ntmdevices.com

AuricleTM

Sirolimus Eluting Coronary Stent System

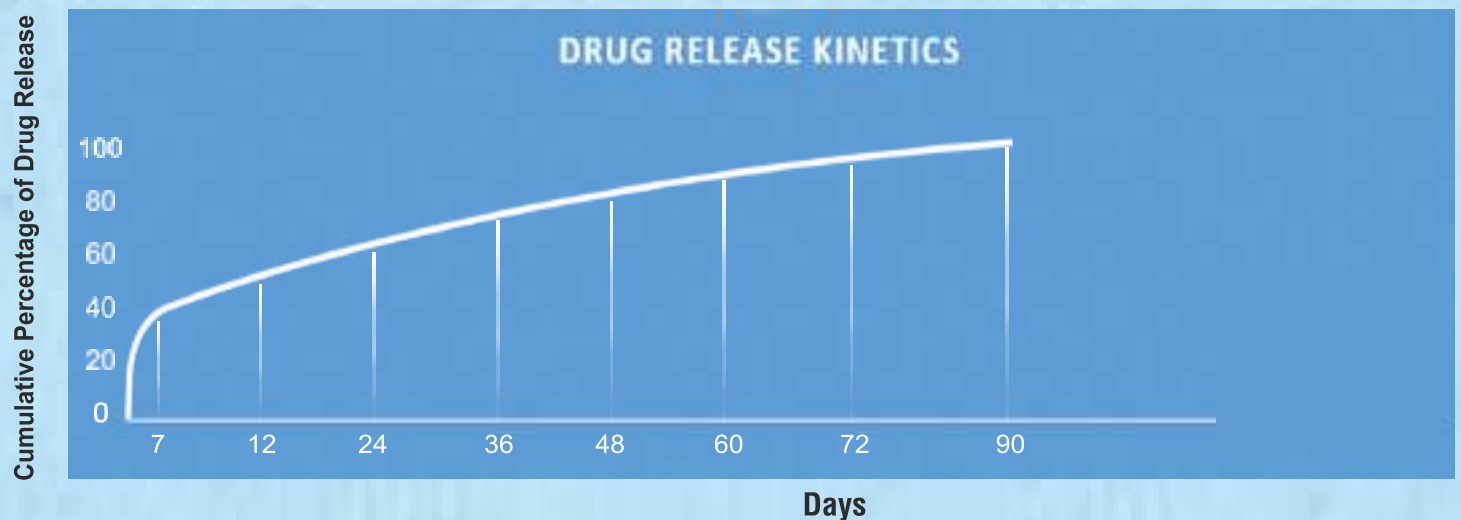
Device Component Description:

| Auricle Sirolimus Eluting Coronary Stent System | |
|---|--|
| Stent Material | Medical Grade Cobalt chromium (L605), laser cut from seamless tubing in a serpentine pattern coated with a polymer and Sirolimus mixture. |
| Delivery System Usable Length | 140cm |
| Delivery System Adaptor Ports | Single access port to the inflation/deflation lumen. A guidewire exit port is located at 25cm from the tip. Designed for guidewire 0.014" (0.36mm). |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0mm longer than stent, mounted stent length and location is defined by radio opaque GOLD 18K/Pt-Ir marker at proximal and distal to stent. |
| Balloon Inflation Pressure | Nominal inflation pressure : 8ATM - Vessel 2.25-3.00, Length 8-30mm 9ATM - Vessel 2.25-3.00, Length 34-54mm 9ATM - Vessel 3.50-4.50, Length 8-54mm Rated burst pressure: 16 atm*. |
| Guiding Catheter Inner Diameter | 5 Fr(1.4mm) Compatible |
| Guide Wire | 0.014 inch |
| Strut Thickness (um) | 55 ± 5 micron |
| Polymer Bio-Degradation | 100% 12-13 Weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | <6% |
| Foreshortening | <2% |
| Stent architecture | Hybrid Cell Design with Non-Linear links |



Proven Drug Release Kinetics

Auricle has proven drug release Kinetics Initial Burst Release of 30% - 40% Sirolimus in the first week followed by sustained release upto 90 days to maintain therapeutic sirolimus drug concentration to optimize the anti tissue proliferative action.



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Sirolimus Eluting Coronary Stent System

Auricle-Sirolimus Eluting Coronay System:

The Auricle Sirolimus eluting stent system is a combination product comprised of two regulated components: a device (a coronary stent system) and a drug product (a formulation of Sirolimus contained in a polymer coating) pre mounted on balloon catheter between two Gold 18K/Pt-Ir radio opaque marker bands.

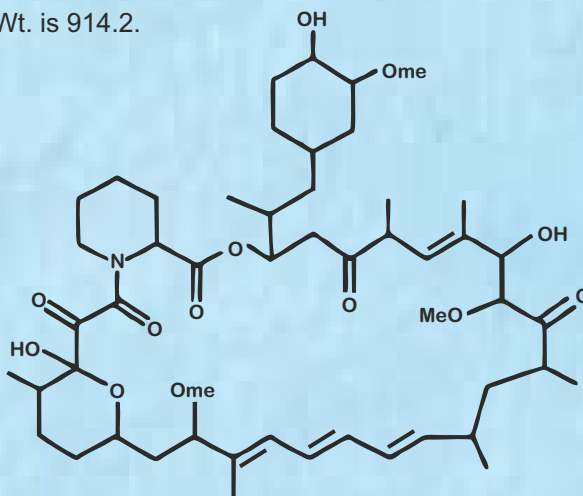
Drug Component Description:

The component is coating consists of a blend of sirolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient).

Sirolimus is a Macrocylic lactone produced by *Streptomyces hygroscopicus*.

The chemical name of sirolimus is (3S, 6R, 7E, 9R, 14S, 15E, 17E, 19E, 21S, 23S, 26R, 27R, 34AS)-9, 10, 12, 13, 14, 21, 22, 23, 24, 25, 26, 27, 32, 33, 34 ahexadecahydro 9, 27 dihydroxy -3- [(1R)-2-[1S, 3R, 4R)-4- hydroxyl -3 ethoxycyclohexyl]-10, 21- dimethoxy-6, 8, 12, 14, 20, 26- hexamethyl- 23, 27- epoxy -3h- pyrido [2, 1-c][1,4] oxazacyclohentriacontine - 1, 5, 11, 28, 29(4H, 6H, 31H) - pentone.

Its molecular formula is C₅₁H₇₉NO₁₃ and M.Wt. is 914.2.



Sirolimus is a white to off-white powder and is insoluble in water, but freely soluble in benzyl alcohol, chloroform, acetone, and acetonitrile & has a melting temperature of approximately 183- 185 C. Sirolimus belongs to a class of therapeutic agents known as macro cyclic lactones or macrolides. It is a cytostatic drug and an immunosuppressant.

It inhibits cell motility by suppression of M-TOR mediated 56K1 and 4E-BP1 pathways.

It inhibits T-Lymphocyte activation and proliferation occurring in response to antigen and cytokine. It also inhibits antibody production. It demonstrates anti-proliferative activities.

Polymer

The inactive ingredient of the coating consists of a blend of lactide and glycolide based biodegradable polymers. These polymers control the drug release kinetics and they degrade as the drug is released from the stent.

Stent diameters (measured at 37.5°C tolerances \pm 0.10mm)

| Pressure Bar | 2.25mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50mm |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| 4 | 2.00 | 2.30 | 2.54 | 2.75 | 3.30 | 3.80 | 4.25 |
| 6 | 2.10 | 2.35 | 2.60 | 2.80 | 3.39 | 3.85 | 4.30 |
| 7 | 2.15 | 2.40 | 2.65 | 2.90 | 3.42 | 3.89 | 4.40 |
| 8* | 2.23 | 2.49 | 2.75 | 2.99 | 3.45 | 3.98 | 4.49 |
| 9** | 2.25 | 2.51 | 2.78 | 3.02 | 3.48 | 4.00 | 4.52 |
| 10 | 2.28 | 2.54 | 2.80 | 3.04 | 3.51 | 4.02 | 4.55 |
| 11 | 2.30 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.58 |
| 12 | 2.32 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.60 |
| 13 | 2.35 | 2.65 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.39 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.41 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16*** | 2.43 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.45 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.47 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.48 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

Nominal inflation pressure : *8ATM - Vessel 2.25-3.00, Length 8-30mm

**9ATM - Vessel 2.25-3.00, Length 34-54mm

***9ATM - Vessel 3.50-4.50, Length 8-54mm

***Rated burst pressure : 16 ATM.

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Sirolimus Eluting Coronary Stent System

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/AS/22508 | 2.25 | 8 |
| NT/AS/22512 | 2.25 | 12 |
| NT/AS/22514 | 2.25 | 14 |
| NT/AS/22518 | 2.25 | 18 |
| NT/AS/22522 | 2.25 | 22 |
| NT/AS/22526 | 2.25 | 26 |
| NT/AS/22530 | 2.25 | 30 |
| NT/AS/22534 | 2.25 | 34 |
| NT/AS/22538 | 2.25 | 38 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/AS/25008 | 2.5 | 8 |
| NT/AS/25012 | 2.5 | 12 |
| NT/AS/25014 | 2.5 | 14 |
| NT/AS/25018 | 2.5 | 18 |
| NT/AS/25022 | 2.5 | 22 |
| NT/AS/25026 | 2.5 | 26 |
| NT/AS/25030 | 2.5 | 30 |
| NT/AS/25034 | 2.5 | 34 |
| NT/AS/25038 | 2.5 | 38 |
| NT/AS/25042 | 2.5 | 42 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/AS/27508 | 2.75 | 8 |
| NT/AS/27512 | 2.75 | 12 |
| NT/AS/27514 | 2.75 | 14 |
| NT/AS/27518 | 2.75 | 18 |
| NT/AS/27522 | 2.75 | 22 |
| NT/AS/27526 | 2.75 | 26 |
| NT/AS/27530 | 2.75 | 30 |
| NT/AS/27534 | 2.75 | 34 |
| NT/AS/27538 | 2.75 | 38 |
| NT/AS/27542 | 2.75 | 42 |
| NT/AS/27546 | 2.75 | 46 |
| NT/AS/27550 | 2.75 | 50 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/AS/30008 | 3.0 | 8 |
| NT/AS/30012 | 3.0 | 12 |
| NT/AS/30014 | 3.0 | 14 |
| NT/AS/30018 | 3.0 | 18 |
| NT/AS/30022 | 3.0 | 22 |
| NT/AS/30026 | 3.0 | 26 |
| NT/AS/30030 | 3.0 | 30 |
| NT/AS/30034 | 3.0 | 34 |
| NT/AS/30038 | 3.0 | 38 |
| NT/AS/30042 | 3.0 | 42 |
| NT/AS/30046 | 3.0 | 46 |
| NT/AS/30050 | 3.0 | 50 |
| NT/AS/30054 | 3.0 | 54 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/AS/35008 | 3.5 | 8 |
| NT/AS/35012 | 3.5 | 12 |
| NT/AS/35014 | 3.5 | 14 |
| NT/AS/35018 | 3.5 | 18 |
| NT/AS/35022 | 3.5 | 22 |
| NT/AS/35026 | 3.5 | 26 |
| NT/AS/35030 | 3.5 | 30 |
| NT/AS/35034 | 3.5 | 34 |
| NT/AS/35038 | 3.5 | 38 |
| NT/AS/35042 | 3.5 | 42 |
| NT/AS/35046 | 3.5 | 46 |
| NT/AS/35050 | 3.5 | 50 |
| NT/AS/35054 | 3.5 | 54 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/AS/40008 | 4.0 | 8 |
| NT/AS/40012 | 4.0 | 12 |
| NT/AS/40014 | 4.0 | 14 |
| NT/AS/40018 | 4.0 | 18 |
| NT/AS/40022 | 4.0 | 22 |
| NT/AS/40026 | 4.0 | 26 |
| NT/AS/40030 | 4.0 | 30 |
| NT/AS/40034 | 4.0 | 34 |
| NT/AS/40038 | 4.0 | 38 |
| NT/AS/40042 | 4.0 | 42 |
| NT/AS/40046 | 4.0 | 46 |
| NT/AS/40050 | 4.0 | 50 |
| NT/AS/40054 | 4.0 | 54 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/AS/45018 | 4.5 | 18 |
| NT/AS/45022 | 4.5 | 22 |
| NT/AS/45026 | 4.5 | 26 |
| NT/AS/45030 | 4.5 | 30 |
| NT/AS/45034 | 4.5 | 34 |
| NT/AS/45038 | 4.5 | 38 |
| NT/AS/45042 | 4.5 | 42 |
| NT/AS/45046 | 4.5 | 46 |
| NT/AS/45050 | 4.5 | 50 |
| NT/AS/45054 | 4.5 | 54 |



Manufacturer :

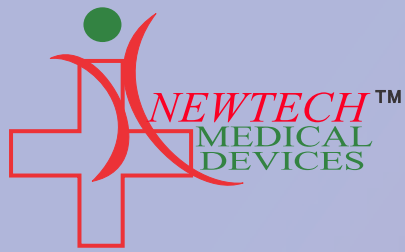
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Haryana- 121003 (INDIA).

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Mfg. Lic. No. :MFG/MD/2019/000201

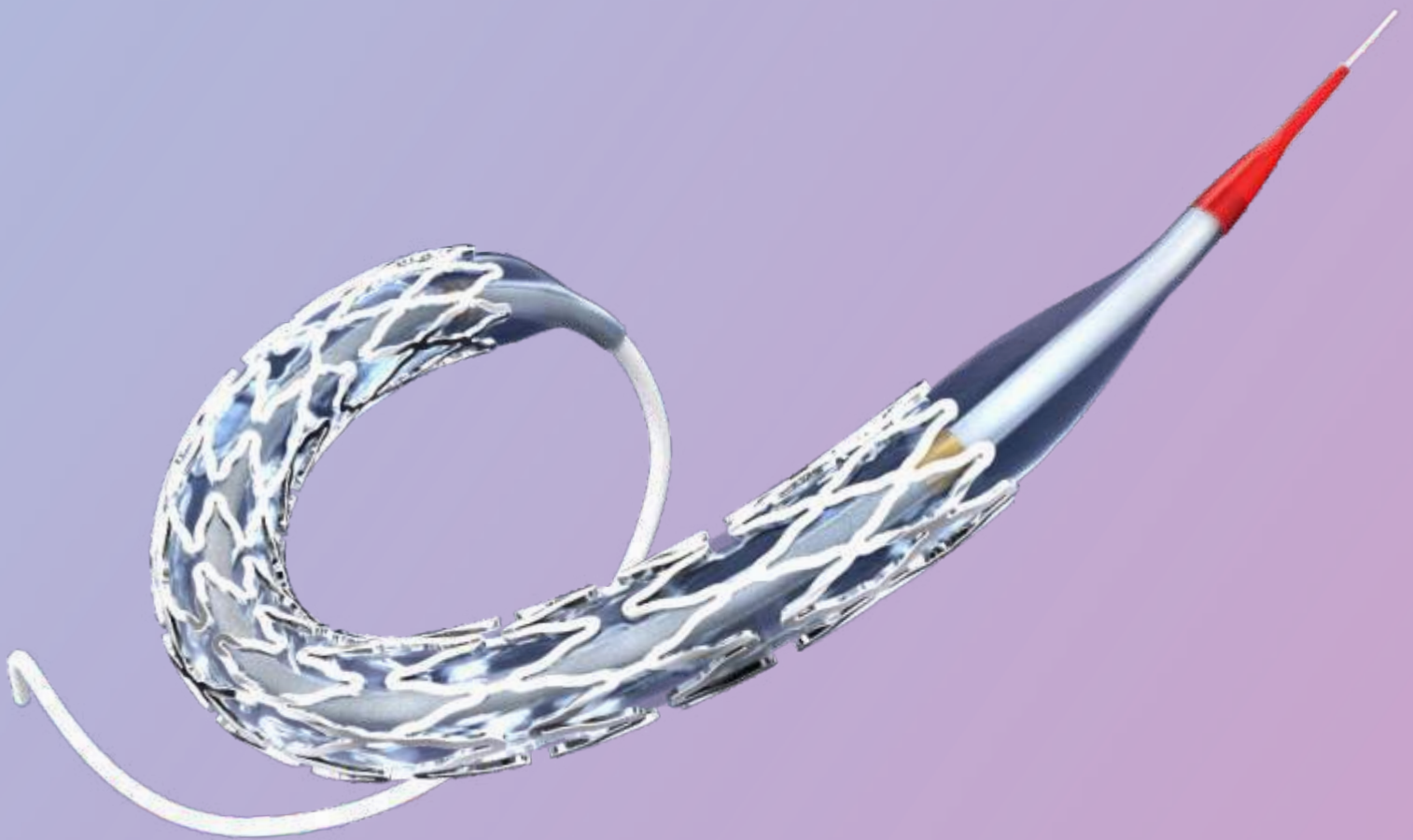
Document No: NTM/BR/01
Revision-00



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Coherent™

With Biodegradable Polymer



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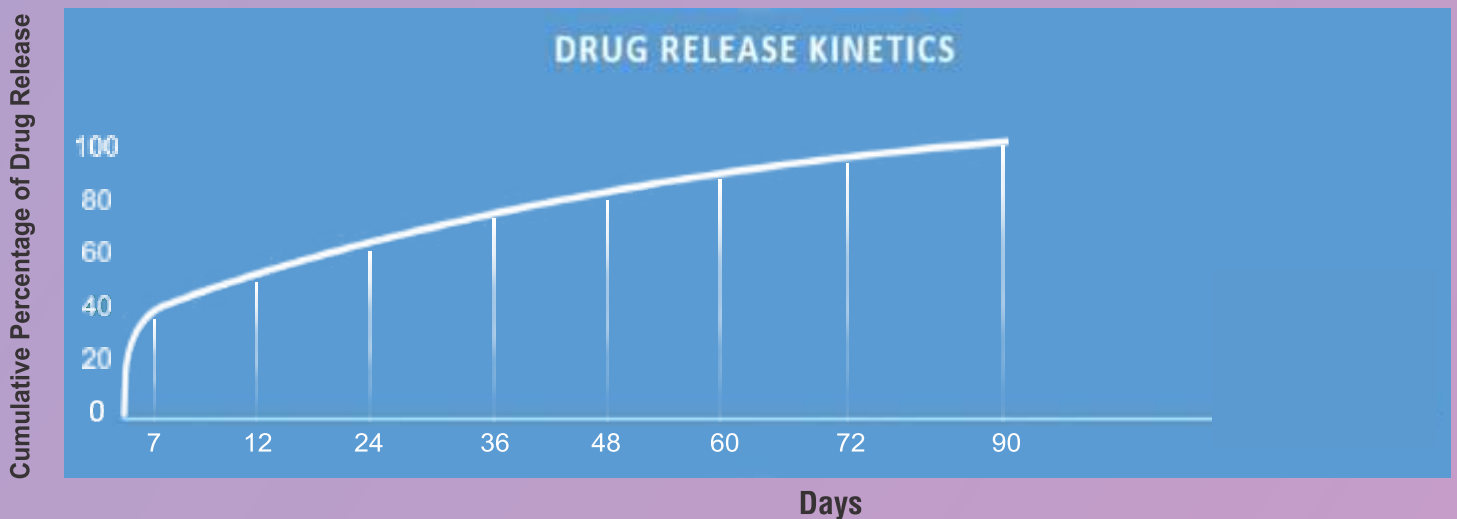
Coherent Sirolimus Eluting Coronary Stent System

| | |
|---------------------------------|--|
| Stent Material | Implantable Cobalt Chromium (L605), laser cut seamless tubing in a serpentine pattern coated with a polymer and Sirolimus mixture. |
| Delivery System Usable Length | 140cm |
| Delivery System Adaptor Ports | Single access port to the inflation/deflation lumen. A guidewire exit port is located at 25cm from the tip. Designed for guidewire 0.014" (0.36mm). |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0mm longer than stent, mounted stent length and location is defined by radio opaque GOLD 18K / Pt - Ir marker at proximal and distal to stent. |
| Balloon Inflation Pressure | Nominal inflation pressure : 8ATM - Vessel 2.25-3.00, Length 8-30mm 9ATM - Vessel 2.25-3.00, Length 34-54mm 9ATM - Vessel 3.50-4.50, Length 8-54mm Rated burst pressure: 16 atm*. |
| Guiding Catheter Inner Diameter | 5 Fr(1.4mm) Compatible |
| Guide Wire | 0.014 inch |
| Strut Thickness (um) | 75 ± 5 |
| Polymer Bio-Degradation | 100% 12-13 Weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | <6% |
| Foreshortening | <2% |
| Stent architecture | Hybrid Cell Design with Non-Linear links |



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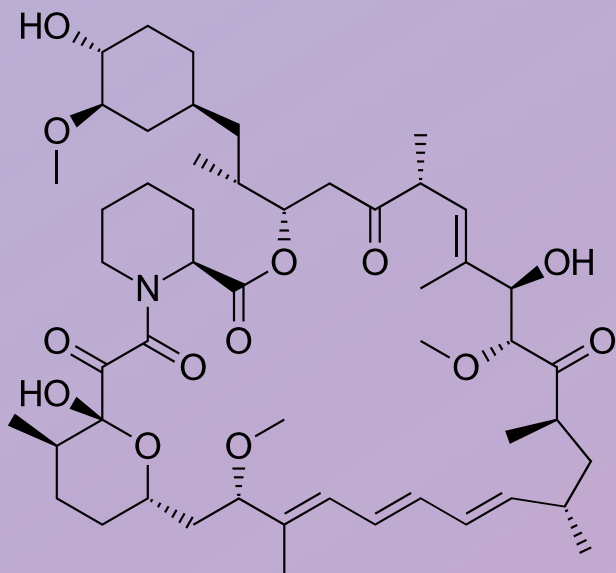
Stent Diameter (measured at 37.5 ° C tolerance + 0.10 mm)

| Pressure Bar | 2.00mm | 2.25mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50mm |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4 | 1.9 | 2.00 | 2.30 | 2.54 | 2.75 | 3.30 | 3.80 | 4.25 |
| 6 | 2.00 | 2.10 | 2.35 | 2.60 | 2.80 | 3.39 | 3.85 | 4.30 |
| 7 | 2.10 | 2.15 | 2.40 | 2.65 | 2.90 | 3.42 | 3.89 | 4.40 |
| 8* | 2.15 | 2.23 | 2.49 | 2.75 | 2.99 | 3.45 | 3.98 | 4.49 |
| 9** | 2.23 | 2.25 | 2.51 | 2.78 | 3.02 | 3.48 | 4.00 | 4.52 |
| 10 | 2.25 | 2.28 | 2.54 | 2.80 | 3.04 | 3.51 | 4.02 | 4.55 |
| 11 | 2.28 | 2.30 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.58 |
| 12 | 2.30 | 2.32 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.60 |
| 13 | 2.32 | 2.35 | 2.65 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.35 | 2.39 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.39 | 2.41 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16*** | 2.41 | 2.43 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.43 | 2.45 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.45 | 2.47 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.47 | 2.48 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

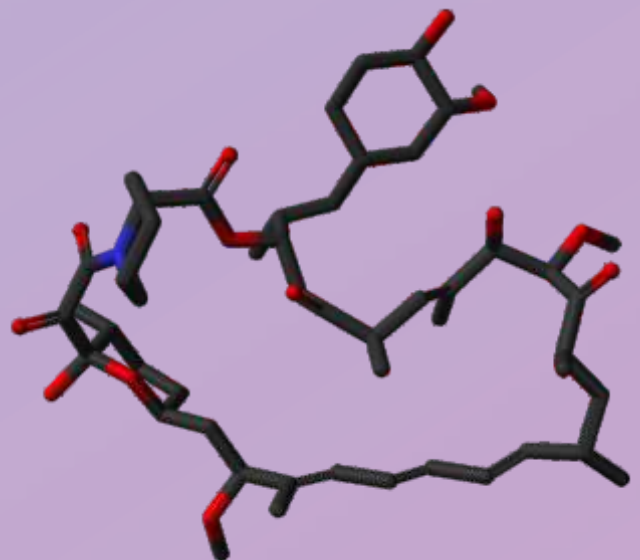
*Nominal Pressure ; ** Rated Burst Pressure. # For stent size above 34 mm , kindly refer compliance chart on the outer label.

Drug Component Description

Coherent Sirolimus stent is coating consists of a blend of sirolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient). Sirolimus is a Macrocylic lactone produced by *Streptomyces hygroscopicus*. The chemical name of sirolimus (also known as rapamycin) is (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34ahexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methyl-ethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacycloheptan-1,5,11,28,29(4H,6H,31H)-pentone. Its molecular formula is C₅₁H₇₉N₁O₁₃ and its molecular weight is 914.2.



Structural formula of sirolimus



3D Stick model

CoherentTM

Sirolimus Eluting Coronary Stent System

Ordering Information

NT/CS/22508

Length of Stent

Diameter of stent 225 is 2.25 mm

CS is Coherent Stent

NT is Newtech Medical Device

| Stent Diameter | 2.25 mm | 2.50 mm | 2.75 mm | 3.00 mm | 3.50 mm | 4.00 mm | 4.50 mm |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Length | | | | | | | |
| 08 mm | NT/CS/22508 | NT/CS/25008 | NT/CS/27508 | NT/CS/30008 | NT/CS/35008 | NT/CS/40008 | |
| 12 mm | NT/CS/22512 | NT/CS/25012 | NT/CS/27512 | NT/CS/30012 | NT/CS/35012 | NT/CS/40012 | |
| 14 mm | NT/CS/22514 | NT/CS/25014 | NT/CS/27514 | NT/CS/30014 | NT/CS/35014 | NT/CS/40014 | NT/CS/45014 |
| 18 mm | NT/CS/22518 | NT/CS/25018 | NT/CS/27518 | NT/CS/30018 | NT/CS/35018 | NT/CS/40018 | NT/CS/45018 |
| 22 mm | NT/CS/22522 | NT/CS/25022 | NT/CS/27522 | NT/CS/30022 | NT/CS/35022 | NT/CS/40022 | NT/CS/45022 |
| 26 mm | NT/CS/22526 | NT/CS/25026 | NT/CS/27526 | NT/CS/30026 | NT/CS/35026 | NT/CS/40026 | NT/CS/45026 |
| 30 mm | NT/CS/22530 | NT/CS/25030 | NT/CS/27530 | NT/CS/30030 | NT/CS/35030 | NT/CS/40030 | NT/CS/45030 |
| 34 mm | NT/CS/22534 | NT/CS/25034 | NT/CS/27534 | NT/CS/30034 | NT/CS/35034 | NT/CS/40034 | NT/CS/45034 |
| 38 mm | NT/CS/25038 | NT/CS/25038 | NT/CS/27538 | NT/CS/30038 | NT/CS/35038 | NT/CS/40038 | NT/CS/45038 |
| 42 mm | | NT/CS/25042 | NT/CS/25042 | NT/CS/30042 | NT/CS/35042 | NT/CS/40042 | NT/CS/45042 |
| 46 mm | | | NT/CS/25046 | NT/CS/30046 | NT/CS/35046 | NT/CS/40046 | NT/CS/45046 |
| 50 mm | | | NT/CS/25050 | NT/CS/30050 | NT/CS/35050 | NT/CS/40050 | NT/CS/45050 |
| 54 mm | | | | NT/CS/30054 | NT/CS/35054 | NT/CS/40054 | NT/CS/45054 |

For all Newtech Medical Devices Products

Kindly scan



Manufacturer :

Newtech Medical Devices Pvt. Ltd.

14/5, Mathura Road, Faridabad,

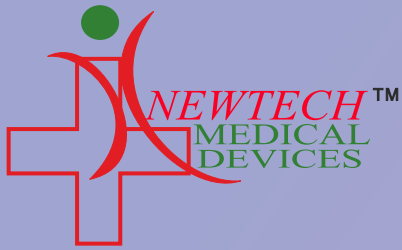
Haryana- 121003 (INDIA).

stent@ntmdevices.com

Mfg. Lic. No. :MFG/MD/2019/000201

Doc/Rev. No. NTM/BR/01/01

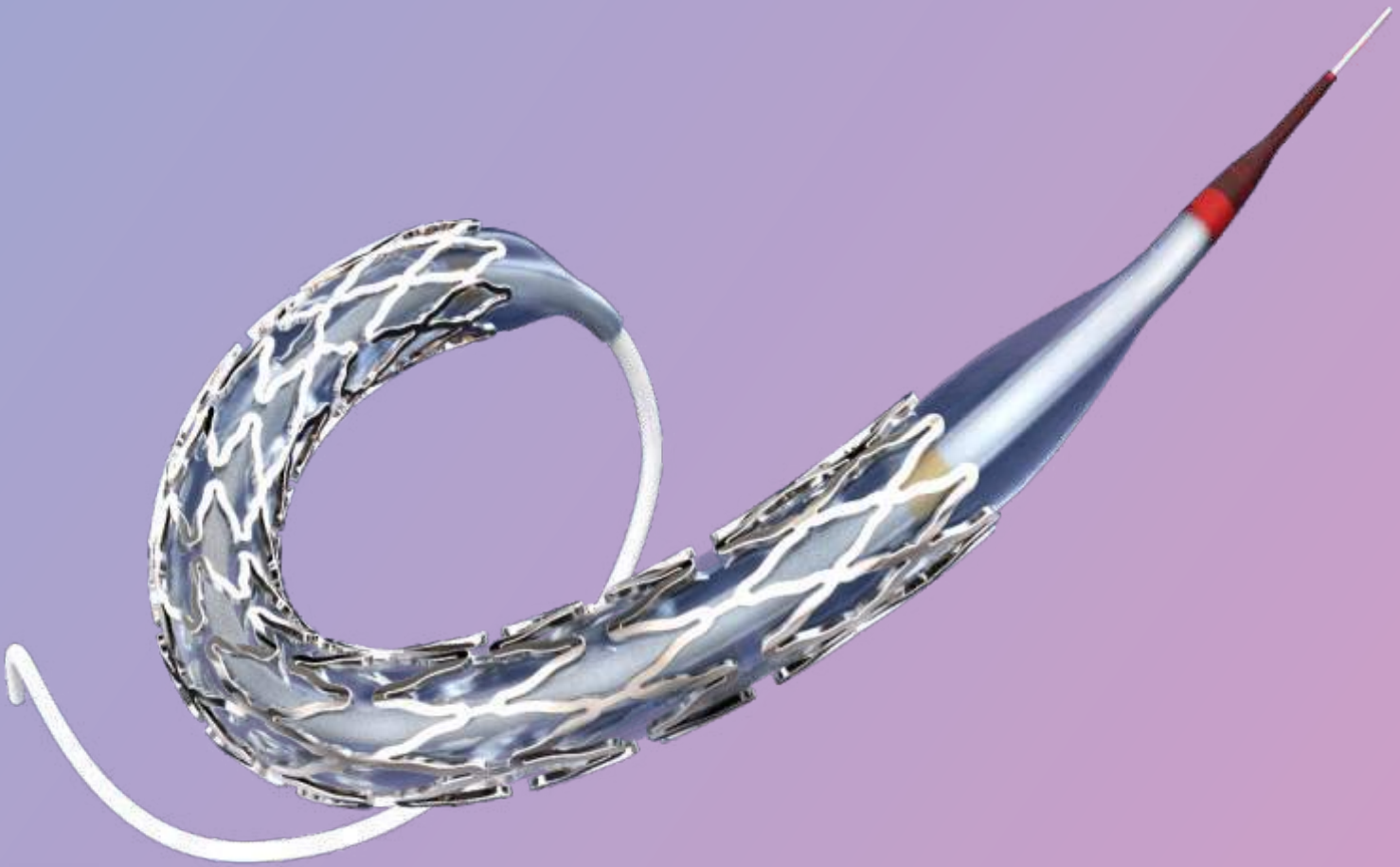
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With Biodegradable Polymer



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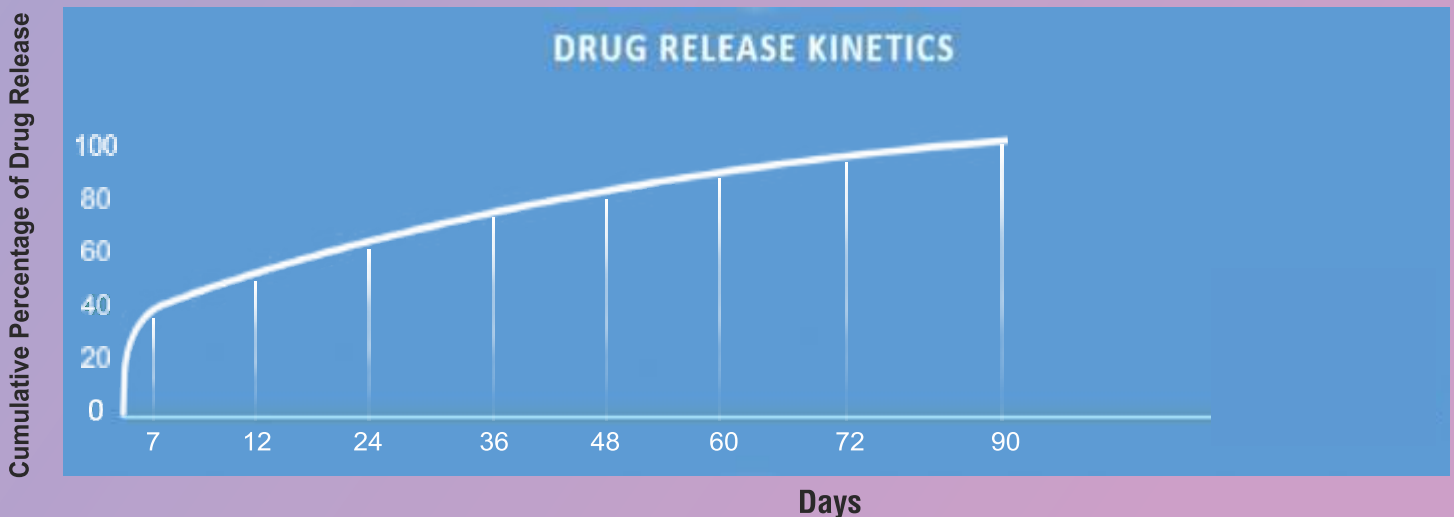
Comical Sirolimus Eluting Coronary Stent System

| | |
|---------------------------------|--|
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| Guide Wire | 0.014 inch |
| Strut Thickness (um) | 80 ± 5 |
| Polymer Bio-Degradation | 100% 12-13 Weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | <6% |
| Foreshortening | <2% |
| Stent architecture | Hybrid Cell Design with Non-Linear links |



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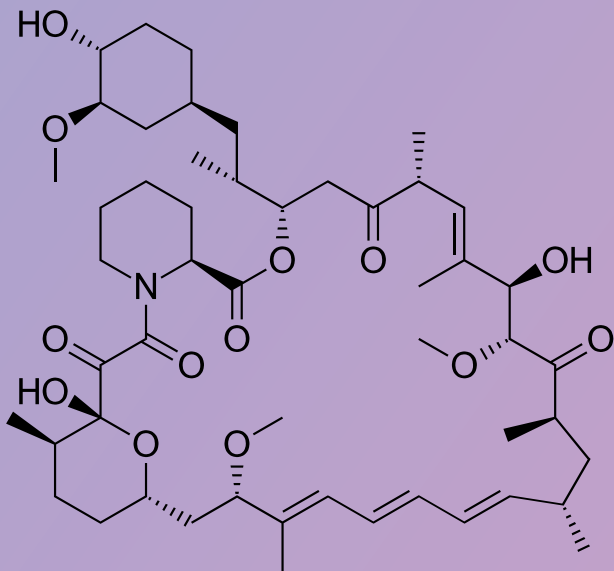
Stent Diameter (measured at 37.5 ° C tolerance + 0.10 mm)

| Pressure Bar | 2.00mm | 2.25mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50mm |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 4 | 1.9mm | 2.00 mm | 2.30 mm | 2.54 mm | 2.75 mm | 3.30 mm | 3.80 mm | 4.25 mm |
| 6 | 2.00mm | 2.10 mm | 2.35 mm | 2.60 mm | 2.80 mm | 3.39 mm | 3.85 mm | 4.30 mm |
| 7 | 2.10mm | 2.15 mm | 2.40 mm | 2.65 mm | 2.90 mm | 3.42 mm | 3.89 mm | 4.40 mm |
| 8* | 2.15 mm | 2.23 mm | 2.49 mm | 2.75 mm | 2.99 mm | 3.45 mm | 3.98 mm | 4.49 mm |
| 9 | 2.23mm | 2.25 mm | 2.51 mm | 2.78 mm | 3.02 mm | 3.48 mm | 4.00 mm | 4.52 mm |
| 10 | 2.26mm | 2.28 mm | 2.54 mm | 2.80 mm | 3.04 mm | 3.51 mm | 4.02 mm | 4.55 mm |
| 11 | 2.28mm | 2.30 mm | 2.59 mm | 2.86 mm | 3.10 mm | 3.62 mm | 4.12 mm | 4.58 mm |
| 12 | 2.30mm | 2.32 mm | 2.62 mm | 2.89 mm | 3.14 mm | 3.66 mm | 4.16 mm | 4.60 mm |
| 13 | 2.32mm | 2.35 mm | 2.65 mm | 2.92 mm | 3.18 mm | 3.70 mm | 4.20 mm | 4.65 mm |
| 14 | 2.35mm | 2.39 mm | 2.67 mm | 2.95 mm | 3.20 mm | 3.74 mm | 4.24 mm | 4.68 mm |
| 15 | 2.39mm | 2.41 mm | 2.70 mm | 2.98 mm | 3.22 mm | 3.78 mm | 4.27 mm | 4.72 mm |
| 16** | 2.41mm | 2.43 mm | 2.72 mm | 3.01 mm | 3.26 mm | 3.80 mm | 4.30 mm | 4.75 mm |
| 17 | 2.43mm | 2.45 mm | 2.75 mm | 3.04 mm | 3.30 mm | 3.82 mm | 4.32 mm | 4.78 mm |
| 18 | 2.45mm | 2.47 mm | 2.79 mm | 3.08 mm | 3.35 mm | 3.86 mm | 4.36 mm | 4.81 mm |
| 20 | 2.47mm | 2.48 mm | 2.81 mm | 3.12 mm | 3.40 mm | 3.89 mm | 4.40 mm | 4.85 mm |

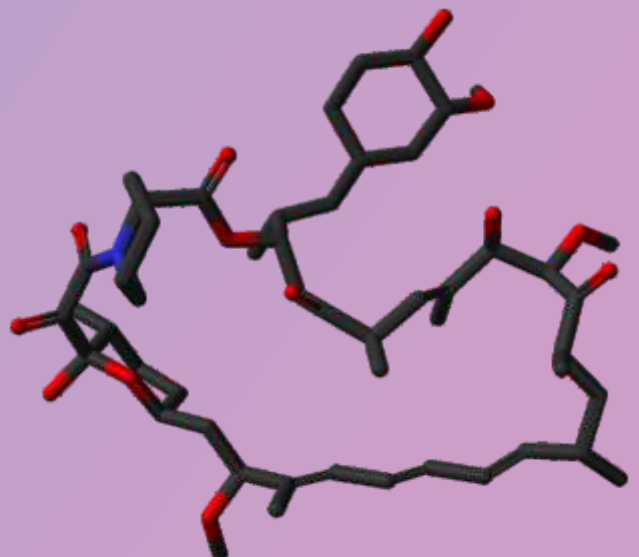
*Nominal Pressure ; ** Rated Burst Pressure. # For stent size above 34 mm , kindly refer compliance chart on the outer label.

Drug Component Description

Comical Sirolimus stent is coating consists of a blend of sirolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient). Sirolimus is a Macrocyclic lactone produced by *Streptomyces hygroscopicus*. The chemical name of sirolimus (also known as rapamycin) is (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34a-hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclohentriacontine-1,5,11,28,29(4H,6H,31H)-pentone. Its molecular formula is C₅₁H₇₉N₁O₁₃ and its molecular weight is 914.2.



Structural formula of sirolimus



3D Stick model

ComicalTM

Sirolimus Eluting Coronary Stent System

Ordering Information

NT/CS/22508

Length of Stent

Diameter of stent 225 is 2.25 mm

CS is Comical Stent

NT is Newtech Medical Device

| Stent Diameter | 2.00 mm | 2.25 mm | 2.50 mm | 2.75 mm | 3.00 mm | 3.50 mm | 4.00 mm | 4.50 mm |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Length | | | | | | | | |
| 08 mm | NT/CS/20008 | NT/CS/22508 | NT/CS/25008 | NT/CS/27508 | NT/CS/30008 | NT/CS/35008 | NT/CS/40008 | |
| 12 mm | NT/CS/20012 | NT/CS/22512 | NT/CS/25012 | NT/CS/27512 | NT/CS/30012 | NT/CS/35012 | NT/CS/40012 | |
| 14 mm | NT/CS/20014 | NT/CS/22514 | NT/CS/25014 | NT/CS/27514 | NT/CS/30014 | NT/CS/35014 | NT/CS/40014 | NT/CS/45014 |
| 18 mm | NT/CS/20018 | NT/CS/22518 | NT/CS/25018 | NT/CS/27518 | NT/CS/30018 | NT/CS/35018 | NT/CS/40018 | NT/CS/45018 |
| 22 mm | NT/CS/20022 | NT/CS/22522 | NT/CS/25022 | NT/CS/27522 | NT/CS/30022 | NT/CS/35022 | NT/CS/40022 | NT/CS/45022 |
| 26 mm | NT/CS/20026 | NT/CS/22526 | NT/CS/25026 | NT/CS/27526 | NT/CS/30026 | NT/CS/35026 | NT/CS/40026 | NT/CS/45026 |
| 30 mm | NT/CS/20030 | NT/CS/22530 | NT/CS/25030 | NT/CS/27530 | NT/CS/30030 | NT/CS/35030 | NT/CS/40030 | NT/CS/45030 |
| 34 mm | | | | NT/CS/27534 | NT/CS/30034 | NT/CS/35034 | NT/CS/40034 | NT/CS/45034 |
| 38 mm | | | | NT/CS/27538 | NT/CS/30038 | NT/CS/35038 | NT/CS/40038 | NT/CS/45038 |
| 42 mm | | | | | NT/CS/30042 | NT/CS/35042 | NT/CS/40042 | NT/CS/45042 |
| 46 mm | | | | | NT/CS/30046 | NT/CS/35046 | NT/CS/40046 | NT/CS/45046 |
| 48 mm | | | | | NT/CS/30048 | NT/CS/35048 | NT/CS/40048 | NT/CS/45048 |
| 50 mm | | | | | NT/CS/30050 | NT/CS/35050 | NT/CS/40050 | NT/CS/45050 |
| 54 mm | | | | | NT/CS/30054 | NT/CS/35054 | NT/CS/40054 | NT/CS/45054 |

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Manufacturer :

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stent@ntmdevices.com

www.ntmdevices.com

Mfg Lic. No. MFG/MD/2019/000201

Doc/Rev. No. NTM/BR/01 / 00

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From Indigenous Idea to Newtech Solution

EvroCross™

With Biodegradable Polymer



Everolimus Eluting Coronary Stent System

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EvroCross™

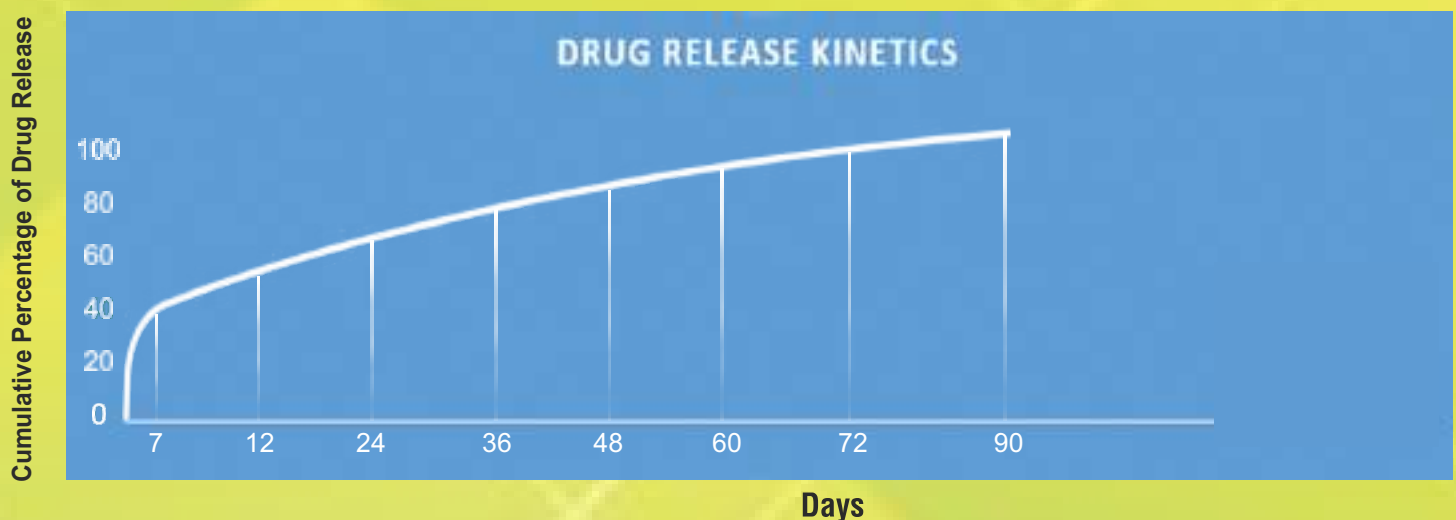
Everolimus Eluting Coronary Stent System EvroCross Everolimus Eluting Coronary Stent System

| | |
|---------------------------------|---|
| Stent Material | Implantable Cobalt Chromium (L605), laser cut seamless tubing in a serpentine pattern coated with a polymer and Everolimus mixture. |
| Delivery System usable length | 140 cm |
| Delivery System Y Adaptor Ports | Single access port to the inflation/deflation lumen. A guide wire exit port is located at 25 cm from the tip. Designed for guidewire 0.014" (0.36 mm) |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0 mm longer than stent, mounted stent length and location in defined by radiopaque Gold 18K/ Pt.-Ir. marker at proximal and distal to stent. |
| Balloon Inflation pressure | Nominal inflation pressure : 9ATM Rated burst pressure: 16 ATM* . |
| Guiding Catheter inner diameter | 5 Fr. (1.40mm) Compatible |
| Guide Wire | 0.014 inches |
| Strut Thickness (µm) | 80 ± 5 |
| Polymer Bio-Degradation | 100 % 12-13 weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | < 6 % |
| Foreshortening | < 2 % |
| Stent architecture | Hybrid cell design with Non-Linear links |



Proven Drug Release Kinetics

EvroCross has proven drug release kinetics Initial Burst Release of 30% to 40% Evrolimus in the first week followed by sustained release upto 90 days to maintain therapeutic Evrolimus drug concentration to optimize the anti tissue proliferative action.



EvroCross™

Everolimus Eluting Coronary Stent System

The **EvroCross** Everolimus eluting stent system is a combination product comprised of two regulated components : a device (a coronary stent system) and a drug product (a formulation of Everolimus contained in a polymer coating) pre mounted on balloon catheter between two GOLD /Pt - Ir radio opaque marker bands.

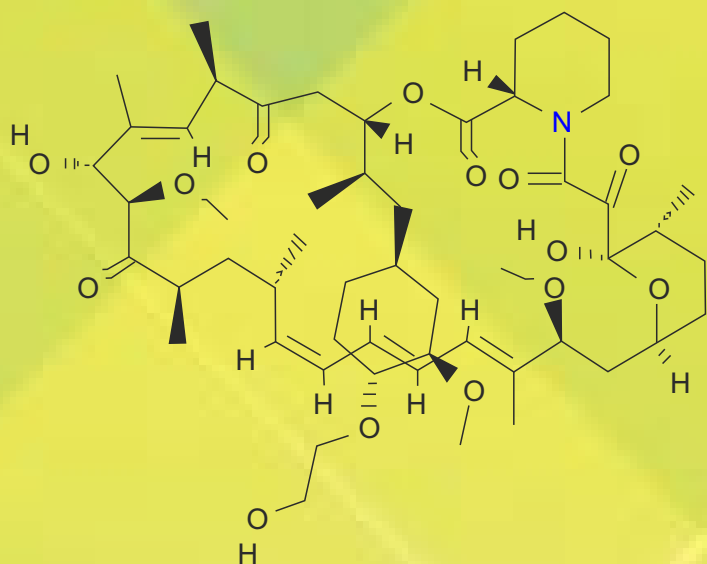
Stent Diameter (measured at 37.5 ° C tolerance + 0.10 mm)

| Pressure Bar | 2.00mm | 2.25mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50 mm |
|--------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 6 | 2.00 | 2.05 | 2.30 | 2.50 | 2.70 | 3.30 | 3.70 | 4.20 |
| 7 | 2.10 | 2.10 | 2.35 | 2.55 | 2.80 | 3.36 | 3.76 | 4.25 |
| 8 | 2.15 | 2.15 | 2.40 | 2.60 | 2.85 | 3.40 | 3.85 | 4.32 |
| 9* | 2.23 | 2.20 | 2.45 | 2.70 | 2.96 | 3.44 | 3.94 | 4.42 |
| 10 | 2.25 | 2.29 | 2.54 | 2.80 | 3.08 | 3.57 | 4.10 | 4.57 |
| 11 | 2.28 | 2.30 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.59 |
| 12 | 2.30 | 2.32 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.62 |
| 13 | 2.32 | 2.35 | 2.65 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.35 | 2.39 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.39 | 2.41 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16** | 2.41 | 2.43 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.43 | 2.45 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.45 | 2.47 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.47 | 2.48 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

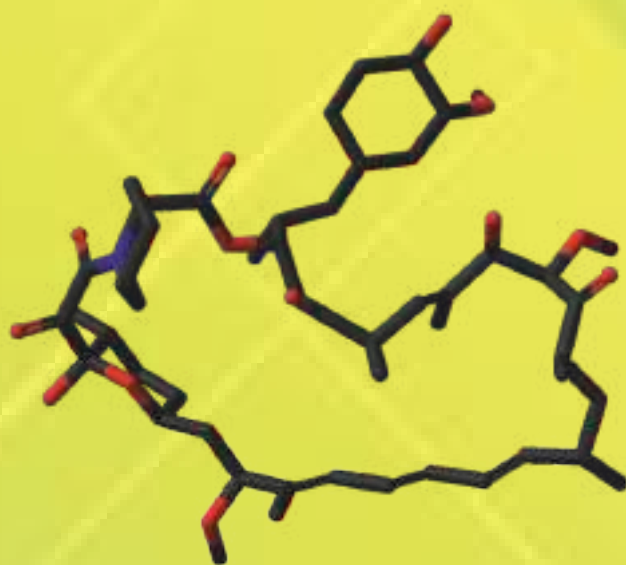
*Nominal Pressure ; ** Rated Burst Pressure. # For stent size above 34 mm , kindly refer compliance chart on the outer label.

Drug Component Description

EvroCross Everolimus stent coating consists of a blend of Everolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient). Everolimus is a Macrocyclic lactone produced by *Streptomyces hygroscopicus*. The chemical name of Everolimus (also known as rapamycin) is (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacycloheptane-1,5,11,28,29(4H,6H,31H)-pentone. Its molecular formula is C₅₃H₈₃N₃O₁₄ and its molecular weight is 958.224.



Structural formula of Everolimus



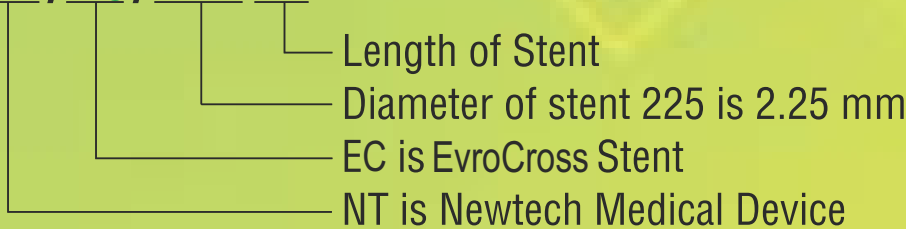
3D Stick model

EvroCross™

Everolimus Eluting Coronary Stent System

Ordering Information

NT/EC/22508



| Stent Diameter | 2.00 mm | 2.25 mm | 2.50 mm | 2.75 mm | 3.00 mm | 3.50 mm | 4.00 mm | 4.50 mm |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Length | | | | | | | | |
| 08 mm | NT/EC/20008 | NT/EC/22508 | NT/EC/25008 | NT/EC/27508 | NT/EC/30008 | NT/EC/35008 | NT/EC/40008 | |
| 12 mm | NT/EC/20012 | NT/EC/22512 | NT/EC/25012 | NT/EC/27512 | NT/EC/30012 | NT/EC/35012 | NT/EC/40012 | |
| 14 mm | NT/EC/20014 | NT/EC/22514 | NT/EC/25014 | NT/EC/27514 | NT/EC/30014 | NT/EC/35014 | NT/EC/40014 | NT/EC/45014 |
| 18 mm | NT/EC/20018 | NT/EC/22518 | NT/EC/25018 | NT/EC/27518 | NT/EC/30018 | NT/EC/35018 | NT/EC/40018 | NT/EC/45018 |
| 22 mm | NT/EC/20022 | NT/EC/22522 | NT/EC/25022 | NT/EC/27522 | NT/EC/30022 | NT/EC/35022 | NT/EC/40022 | NT/EC/45022 |
| 26 mm | NT/EC/20026 | NT/EC/22526 | NT/EC/25026 | NT/EC/27526 | NT/EC/30026 | NT/EC/35026 | NT/EC/40026 | NT/EC/45026 |
| 30 mm | NT/EC/20030 | NT/EC/22530 | NT/EC/25030 | NT/EC/27530 | NT/EC/30030 | NT/EC/35030 | NT/EC/40030 | NT/EC/45030 |
| 34 mm | | | | NT/EC/27534 | NT/EC/30034 | NT/EC/35034 | NT/EC/40034 | NT/EC/45034 |
| 38 mm | | | | NT/EC/27538 | NT/EC/30038 | NT/EC/35038 | NT/EC/40038 | NT/EC/45038 |
| 42 mm | | | | | NT/EC/30042 | NT/EC/35042 | NT/EC/40042 | NT/EC/45042 |
| 46 mm | | | | | NT/EC/30046 | NT/EC/35046 | NT/EC/40046 | NT/EC/45046 |
| 48 mm | | | | | NT/EC/30048 | NT/EC/35048 | NT/EC/40048 | NT/EC/45048 |
| 50 mm | | | | | NT/EC/30050 | NT/EC/35050 | NT/EC/40050 | NT/EC/45050 |
| 54 mm | | | | | NT/EC/30054 | NT/EC/35054 | NT/EC/40054 | NT/EC/45054 |

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Newtech Medical Devices Pvt. Ltd.

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From Indigenous Idea to Newtech Solution

EvroSure™

With Biodegradable Polymer



Everolimus Eluting Coronary Stent System

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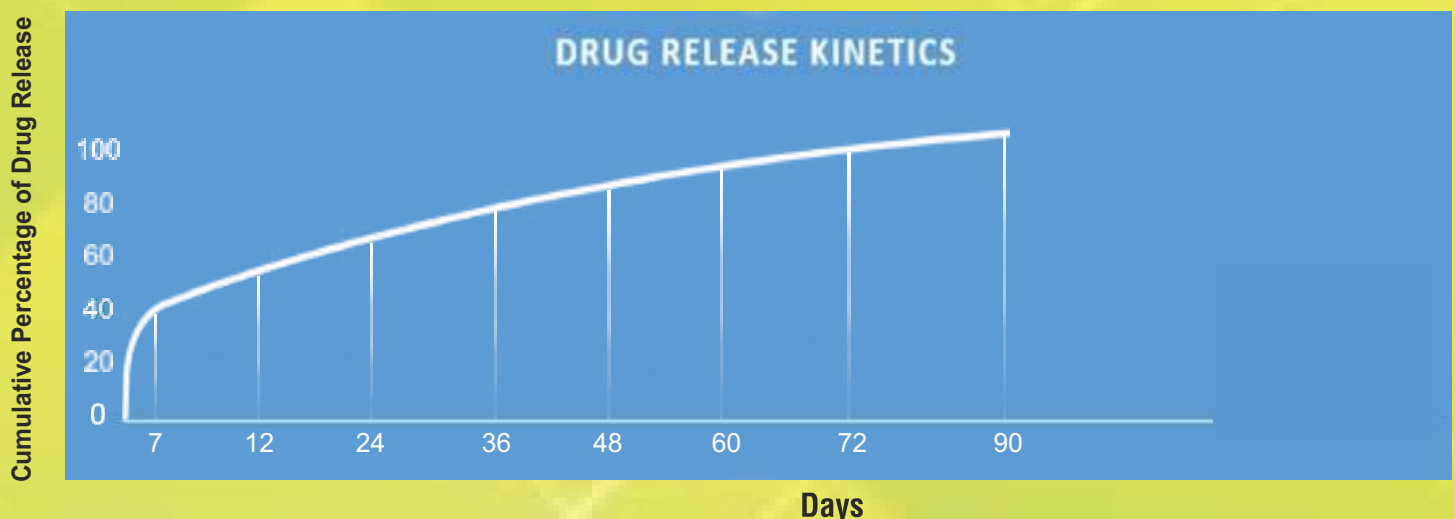
Everolimus Eluting Coronary Stent System EvroSure Everolimus Eluting Coronary Stent System

| | |
|-----------------------------------|--|
| Stent Material | Implantable Cobalt Chromium (L605), laser cut seamless tubing in a serpentine pattern coated with a polymer and Everolimus mixture. |
| Delivery System usable length | 142 cm |
| Delivery System Y Adaptor Ports | Single access port to the inflation/deflation lumen. A guide wire exit port is located at 25 cm from the tip. Designed for guidewire 0.014" (0.36 mm) |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0 mm longer than stent, mounted stent length and location in defined by radiopaque Gold 18K/Pt-Ir marker at proximal and distal to stent. |
| Balloon Inflation pressure | Nominal inflation pressure : 9ATM Rated burst pressure: 16 ATM*. |
| Guiding Catheter inner diameter | 5 Fr. (1.40mm) Compatible |
| Guide Wire | 0.014 inches |
| Strut Thickness (μm) | 65 ± 5 |
| Polymer Bio-Degradation | 100 % 12-13 weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | < 6 % |
| Foreshortening | < 2 % |
| Stent architecture | Hybrid cell design with Non-Linear links |



Proven Drug Release Kinetics

EvroSure has proven drug release kinetics Initial Burst Release of 30% to 40% Evrolimus in the first week followed by sustained release upto 90 days to maintain therapeutic Evrolimus drug concentration to optimize the anti tissue proliferative action.



EvroSure™

Everolimus Eluting Coronary Stent System

The **EvroSure** Everolimus eluting stent system is a combination product comprised of two regulated components : a device (a coronary stent system) and a drug product (a formulation of Everolimus contained in a polymer coating) pre mounted on balloon catheter between two GOLD/Pt - Ir radio opaque marker bands.

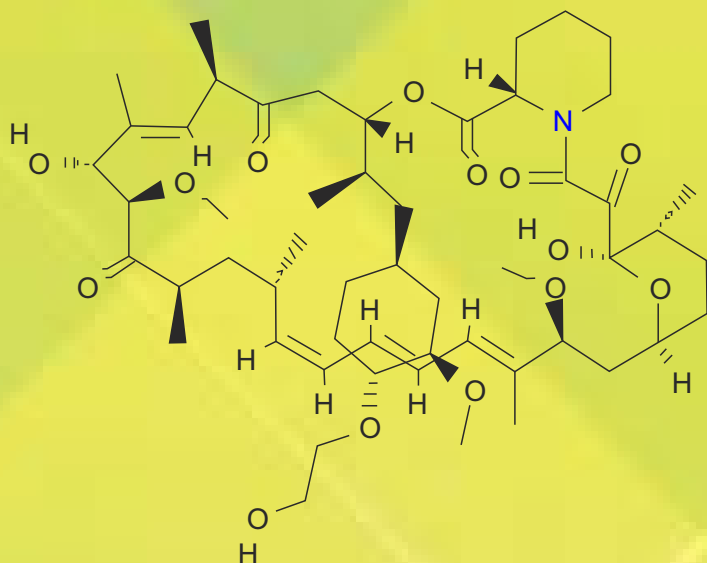
Stent Diameter (measured at 37.5 ° C tolerance + 0.10 mm)

| Pressure Bar | 2.00mm | 2.25mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50 mm |
|--------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 6 | 2.00 | 2.05 | 2.30 | 2.50 | 2.70 | 3.30 | 3.70 | 4.20 |
| 7 | 2.10 | 2.10 | 2.35 | 2.55 | 2.80 | 3.36 | 3.76 | 4.25 |
| 8 | 2.15 | 2.15 | 2.40 | 2.60 | 2.85 | 3.40 | 3.85 | 4.32 |
| 9* | 2.23 | 2.20 | 2.45 | 2.70 | 2.96 | 3.44 | 3.94 | 4.42 |
| 10 | 2.25 | 2.29 | 2.54 | 2.80 | 3.08 | 3.57 | 4.10 | 4.57 |
| 11 | 2.28 | 2.30 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.59 |
| 12 | 2.30 | 2.32 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.62 |
| 13 | 2.32 | 2.35 | 2.65 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.35 | 2.39 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.39 | 2.41 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16** | 2.41 | 2.43 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.43 | 2.45 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.45 | 2.47 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.47 | 2.48 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

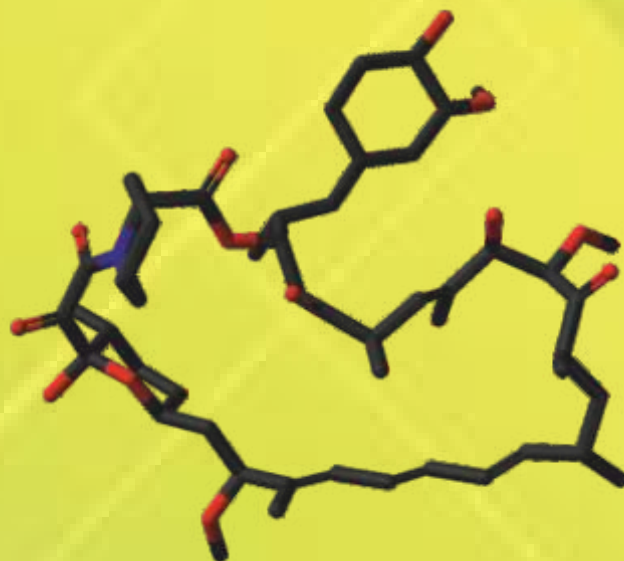
*Nominal Pressure ; ** Rated Burst Pressure. # For stent size above 34 mm , kindly refer compliance chart on the outer label.

Drug Component Description

EvroSure Everolimus stent is coating consists of a blend of Everolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient). Everolimus is a Macrocyclic lactone produced by *Streptomyces hygroscopicus*. The chemical name of Everolimus (also known as rapamycin) is (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclohentacontine-1,5,11,28,29(4H,6H,31H)-pentone. Its molecular formula is C₅₃H₈₃N₀O₁₄ and its molecular weight is 958.224.



Structural formula of Everolimus



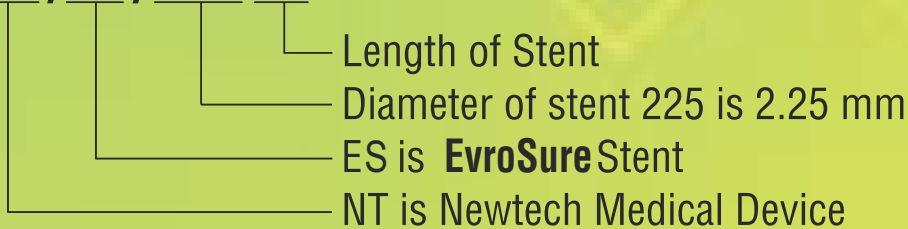
3D Stick model

EvroSure™

Everolimus Eluting Coronary Stent System

Ordering Information

NT/ES/22508



| Stent Diameter | 2.00 mm | 2.25 mm | 2.50 mm | 2.75 mm | 3.00 mm | 3.50 mm | 4.00 mm | 4.50 mm |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Length | | | | | | | | |
| 08 mm | NT/ES/20008 | NT/ES/22508 | NT/ES/25008 | NT/ES/27508 | NT/ES/30008 | NT/ES/35008 | NT/ES/40008 | |
| 12 mm | NT/ES/20012 | NT/ES/22512 | NT/ES/25012 | NT/ES/27512 | NT/ES/30012 | NT/ES/35012 | NT/ES/40012 | |
| 14 mm | NT/ES/20014 | NT/ES/22514 | NT/ES/25014 | NT/ES/27514 | NT/ES/30014 | NT/ES/35014 | NT/ES/40014 | NT/ES/45014 |
| 18 mm | NT/ES/20018 | NT/ES/22518 | NT/ES/25018 | NT/ES/27518 | NT/ES/30018 | NT/ES/35018 | NT/ES/40018 | NT/ES/45018 |
| 22 mm | NT/ES/20022 | NT/ES/22522 | NT/ES/25022 | NT/ES/27522 | NT/ES/30022 | NT/ES/35022 | NT/ES/40022 | NT/ES/45022 |
| 26 mm | NT/ES/20026 | NT/ES/22526 | NT/ES/25026 | NT/ES/27526 | NT/ES/30026 | NT/ES/35026 | NT/ES/40026 | NT/ES/45026 |
| 30 mm | NT/ES/20030 | NT/ES/22530 | NT/ES/25030 | NT/ES/27530 | NT/ES/30030 | NT/ES/35030 | NT/ES/40030 | NT/ES/45030 |
| 34 mm | | | | NT/ES/27534 | NT/ES/30034 | NT/ES/35034 | NT/ES/40034 | NT/ES/45034 |
| 38 mm | | | | NT/ES/27538 | NT/ES/30038 | NT/ES/35038 | NT/ES/40038 | NT/ES/45038 |
| 42 mm | | | | | NT/ES/30042 | NT/ES/35042 | NT/ES/40042 | NT/ES/45042 |
| 46 mm | | | | | NT/ES/30046 | NT/ES/35046 | NT/ES/40046 | NT/ES/45046 |
| 48 mm | | | | | NT/ES/30048 | NT/ES/35048 | NT/ES/40048 | NT/ES/45048 |
| 50 mm | | | | | NT/ES/30050 | NT/ES/35050 | NT/ES/40050 | NT/ES/45050 |
| 54 mm | | | | | NT/ES/30054 | NT/ES/35054 | NT/ES/40054 | NT/ES/45054 |

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Newtech Medical Devices Pvt. Ltd.

14/5, Mathura Road, Faridabad,
Haryana- 121003 (INDIA).

stent@ntmdevices.com

Mfg. Lic. No. :MFG/MD/2019/000201

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From Indigenous Idea to Newtech Solution

EvroNew™

With Biodegradable Polymer



Everolimus Eluting Coronary Stent System

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EvroNew™

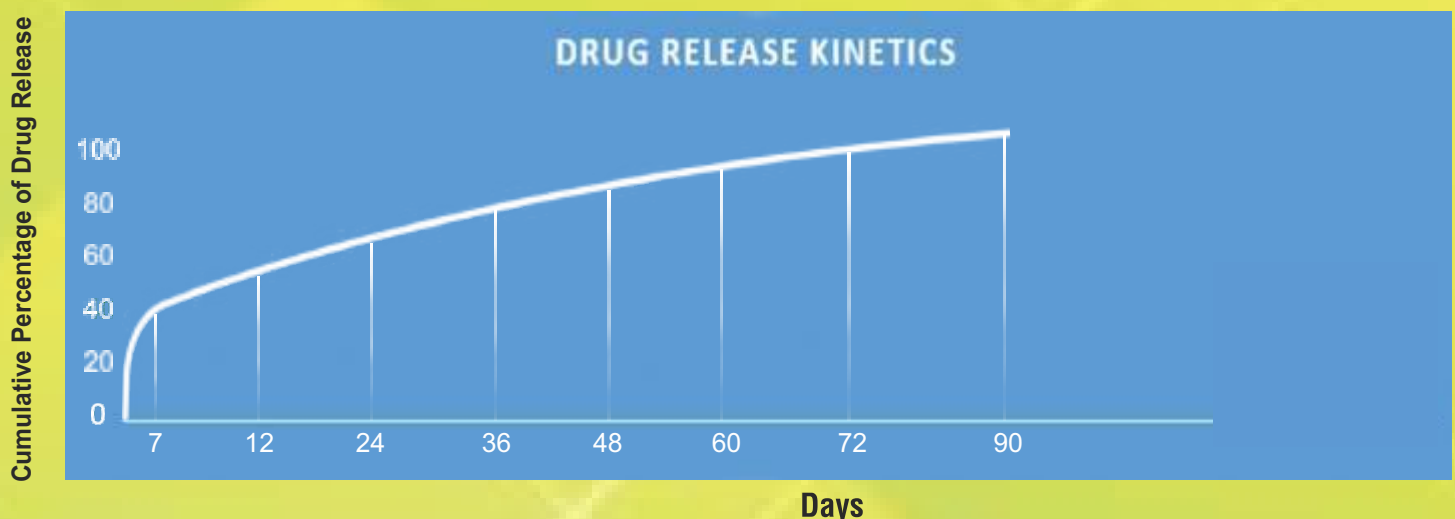
Everolimus Eluting Coronary Stent System EvroNew Everolims Eluting Coronary Stent System

| | |
|-----------------------------------|--|
| Stent Material | Implantable Cobalt Chromium (L605), laser cut seamless tubing in a serpentine pattern coated with a polymer and Everolimus mixture. |
| Delivery System usable length | 140 cm |
| Delivery System Y Adaptor Ports | Single access port to the inflation/deflation lumen. A guide wire exit port is located at 25 cm from the tip. Designed for guidewire 0.014" (0.36 mm) |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0 mm longer than stent, mounted stent length and location in defined by radiopaque Gold 18K/Pt-Ir marker at proximal and distal to stent. |
| Balloon Inflation pressure | Nominal inflation pressure : 9ATM Rated burst pressure: 16 ATM*. |
| Guiding Catheter inner diameter | 5 Fr. (1.40mm) Compatible |
| Guide Wire | 0.014 inches |
| Strut Thickness (μm) | 50 |
| Polymer Bio-Degradation | 100 % 12-13 weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | < 6 % |
| Foreshortening | < 2 % |
| Stent architecture | Hybrid cell design with Non-Linear links |



Proven Drug Release Kinetics

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Everolimus Eluting Coronary Stent System

The EvroNew Everolimus eluting stent system is a combination product comprised of two regulated components : a device (a coronary stent system) and a drug product (a formulation of Everolimus contained in a polymer coating) pre mounted on balloon catheter between two GOLD/Pt - Ir radio opaque marker bands.

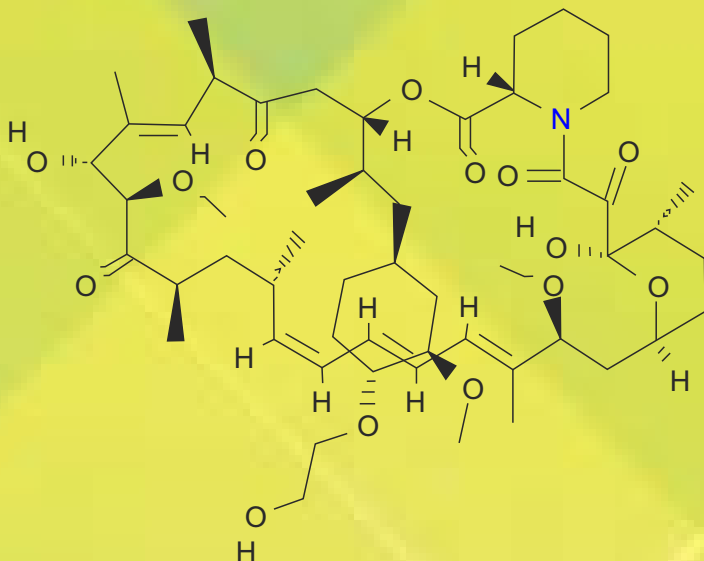
Stent Diameter (measured at 37.5 ° C tolerance + 0.10 mm)

| Pressure Bar | 2.00mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50 mm |
|--------------|--------|--------|--------|--------|--------|--------|---------|
| 6 | 2.00 | 2.30 | 2.50 | 2.70 | 3.30 | 3.70 | 4.20 |
| 7 | 2.10 | 2.35 | 2.55 | 2.80 | 3.36 | 3.76 | 4.25 |
| 8 | 2.15 | 2.40 | 2.60 | 2.85 | 3.40 | 3.85 | 4.32 |
| 9* | 2.23 | 2.45 | 2.70 | 2.96 | 3.44 | 3.94 | 4.42 |
| 10 | 2.25 | 2.54 | 2.80 | 3.08 | 3.57 | 4.10 | 4.57 |
| 11 | 2.28 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.59 |
| 12 | 2.30 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.62 |
| 13 | 2.32 | 2.65 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.35 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.39 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16** | 2.41 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.43 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.45 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.47 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

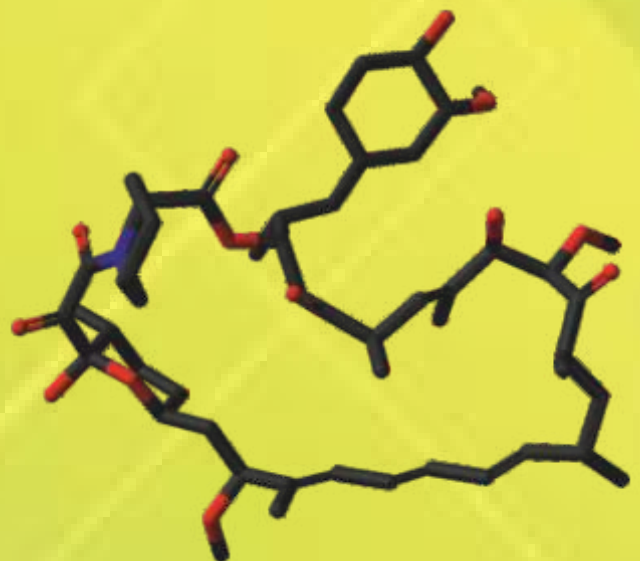
*Nominal Pressure ; ** Rated Burst Pressure. # For stent size above 34 mm , kindly refer compliance chart on the outer label.

Drug Component Description

EvroNew Everolimus stent is coating consists of a blend of Everolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient). Everolimus is a Macrocyclic lactone produced by streptomyces hygroscopicus. The chemical name of Everolimus (also known as rapamycin) is (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclohentacontine-1,5,11,28,29(4H,6H,31H)-pentone. Its molecular formula is C₅₃H₈₃N₀O₁₄ and its molecular weight is 958.224.



Structural formula of Everolimus



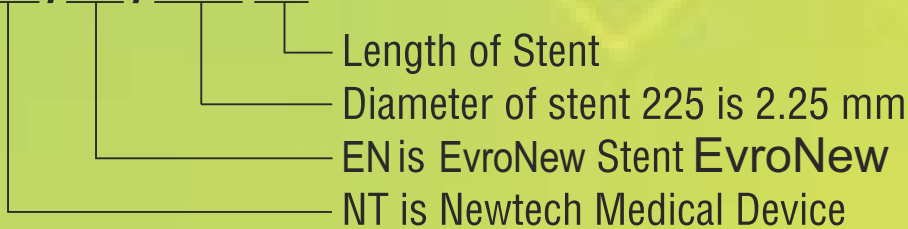
3D Stick model

EvroNew™

Everolimus Eluting Coronary Stent System

Ordering Information

NT/EP/22508



| Stent Diameter | 2.00 mm | 2.25 mm | 2.50 mm | 2.75 mm | 3.00 mm | 3.50 mm | 4.00 mm | 4.50 mm |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Pj sl ym | | | | | | | | |
| 08 mm | NT/EN/20008 | NT/EN/22508 | NT/EN/25008 | NT/EN/27508 | NT/EN/30008 | NT/EN/35008 | NT/EN/40008 | |
| 12 mm | NT/EN/20012 | NT/EN/22512 | NT/EN/25012 | NT/EN/27512 | NT/EN/30012 | NT/EN/35012 | NT/EN/40012 | |
| 14 mm | NT/EN/20014 | NT/EN/22514 | NT/EN/25014 | NT/EN/27514 | NT/EN/30014 | NT/EN/35014 | NT/EN/40014 | NT/EN/45014 |
| 18 mm | NT/EN/20018 | NT/EN/22518 | NT/EN/25018 | NT/EN/27518 | NT/EN/30018 | NT/EN/35018 | NT/EN/40018 | NT/EN/45018 |
| 22 mm | NT/EN/20022 | NT/EN/22522 | NT/EN/25022 | NT/EN/27522 | NT/EN/30022 | NT/EN/35022 | NT/EN/40022 | NT/EN/45022 |
| 26 mm | NT/EN/20026 | NT/EN/22526 | NT/EN/25026 | NT/EN/27526 | NT/EN/30026 | NT/EN/35026 | NT/EN/40026 | NT/EN/45026 |
| 30 mm | NT/EN/20030 | NT/EN/22530 | NT/EN/25030 | NT/EN/27530 | NT/EN/30030 | NT/EN/35030 | NT/EN/40030 | NT/EN/45030 |
| 34 mm | | | | NT/EN/27534 | NT/EN/30034 | NT/EN/35034 | NT/EN/40034 | NT/EN/45034 |
| 38 mm | | | | NT/EN/27538 | NT/EN/30038 | NT/EN/35038 | NT/EN/40038 | NT/EN/45038 |
| 42 mm | | | | | NT/EN/30042 | NT/EN/35042 | NT/EN/40042 | NT/EN/45042 |
| 46 mm | | | | | NT/EN/30046 | NT/EN/35046 | NT/EN/40046 | NT/EN/45046 |
| 48 mm | | | | | NT/EN/30048 | NT/EN/35048 | NT/EN/40048 | NT/EN/45048 |
| 50 mm | | | | | NT/EN/30050 | NT/EN/35050 | NT/EN/40050 | NT/EN/45050 |
| 54 mm | | | | | NT/EN/30054 | NT/EN/35054 | NT/EN/40054 | NT/EN/45054 |

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Newtech Medical Devices Pvt. Ltd.

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Haryana- 121003 (INDIA).

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Mfg. Lic. No. :MFG/MD/2019/000201

Doc/Rev. No. NTM/BR/01 / 00



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From Indigenous Idea to Newtech Solution

EvroPlus™

With Biodegradable Polymer



Everolimus Eluting Coronary Stent System

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EvroPlus™

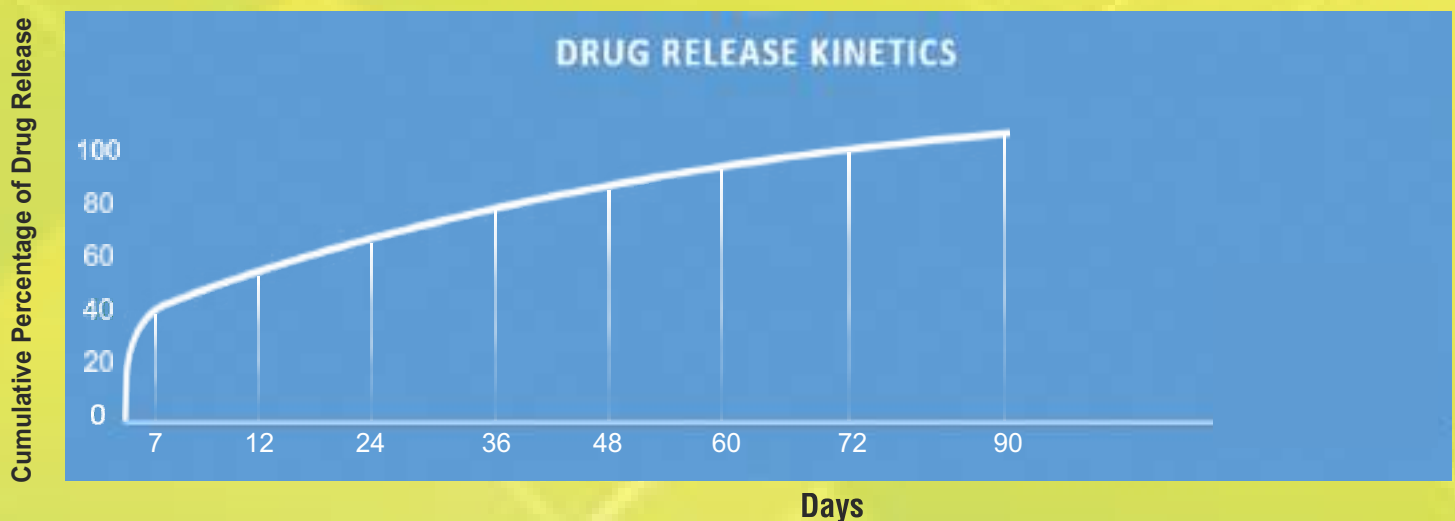
Everolimus Eluting Coronary Stent System EvroPlus Everolimus Eluting Coronary Stent System

| | |
|---------------------------------|--|
| Stent Material | Implantable Cobalt Chromium (L605), laser cut seamless tubing in a serpentine pattern coated with a polymer and Everolimus mixture. |
| Delivery System usable length | 140 cm |
| Delivery System Y Adaptor Ports | Single access port to the inflation/deflation lumen. A guide wire exit port is located at 25 cm from the tip. Designed for guidewire 0.014" (0.36 mm) |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0 mm longer than stent, mounted stent length and location in defined by radiopaque Gold 18K / Pt-rd marker at proximal and distal to stent. |
| Balloon Inflation pressure | Nominal inflation Pressure : 9 atm* Rated burst pressure : 16 atm |
| Guiding Catheter inner diameter | 5 Fr. (1.40mm) Compatible |
| Guide Wire | 0.014 inches |
| Strut Thickness (µm) | 55±5 |
| Polymer Bio-Degradation | 100 % Up to 12 weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | < 6 % |
| Foreshortening | < 2 % |
| Stent architecture | Hybrid cell design with Non-Linear links |



Proven Drug Release Kinetics

EvroPlus has proven drug release kinetics Initial Burst Release of 30% to 40% Evrolimus in the first week followed by sustained release upto 90 days to maintain therapeutic Evrolimus drug concentration to optimize the anti tissue proliferative action.



EvroPlus™

Everolimus Eluting Coronary Stent System

The EvroPlus Everolimus eluting stent system is a combination product comprised of two regulated components : a device (a coronary stent system) and a drug product (a formulation of Everolimus contained in a polymer coating) mounted a balloon catheter between two GOLD/Pt. - rd. radio opaque marker bands.

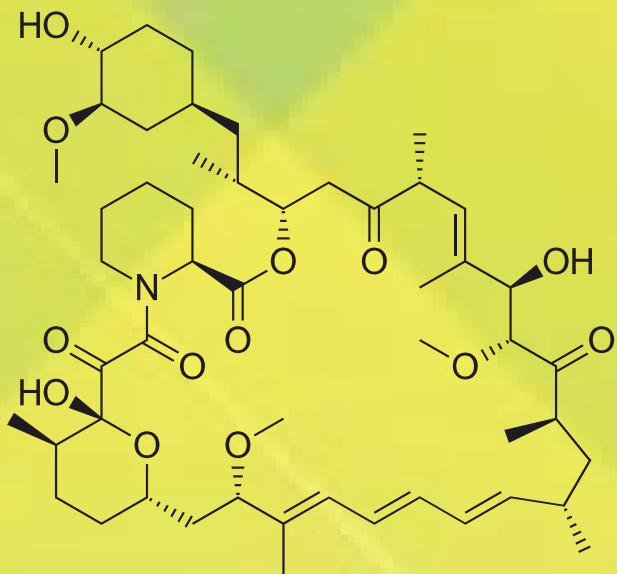
Stent Diameter (measured at 37.5 ° C tolerance + 0.10 mm)

| Pressure Bar | 2.00mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50 mm |
|--------------|--------|--------|--------|--------|--------|--------|---------|
| 6 | 2.00 | 2.30 | 2.50 | 2.70 | 3.30 | 3.70 | 4.20 |
| 7 | 2.10 | 2.35 | 2.55 | 2.80 | 3.36 | 3.76 | 4.25 |
| 8 | 2.15 | 2.40 | 2.60 | 2.85 | 3.40 | 3.85 | 4.32 |
| 9* | 2.23 | 2.45 | 2.70 | 2.96 | 3.44 | 3.94 | 4.42 |
| 10 | 2.25 | 2.54 | 2.80 | 3.08 | 3.57 | 4.10 | 4.57 |
| 11 | 2.28 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.59 |
| 12 | 2.30 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.62 |
| 13 | 2.32 | 2.65 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.35 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.39 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16** | 2.41 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.43 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.45 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.47 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

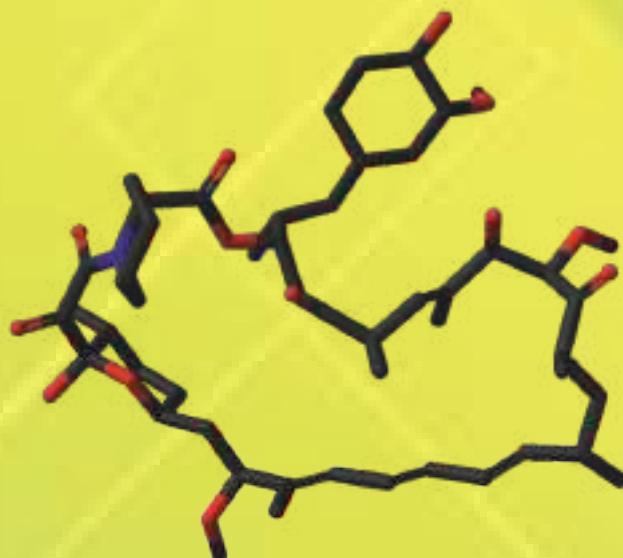
*Nominal Pressure ; ** Rated Burst Pressure. # For stent size above 34 mm , kindly refer compliance chart on the outer label.

Drug Component Description

EvroPlus Everolimus stent is coating consists of a blend of Everolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient). Everolimus is a Macrocyclic lactone produced by *Streptomyces hygroscopicus*. The chemical name of Everolimus (also known as rapamycin) is (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclohentacontine-1,5,11,28,29(4H,6H,31H)-pentone. Its molecular formula is C₅₁H₇₉N₁O₁₃ and its molecular weight is 914.2.



Structural formula of Everolimus



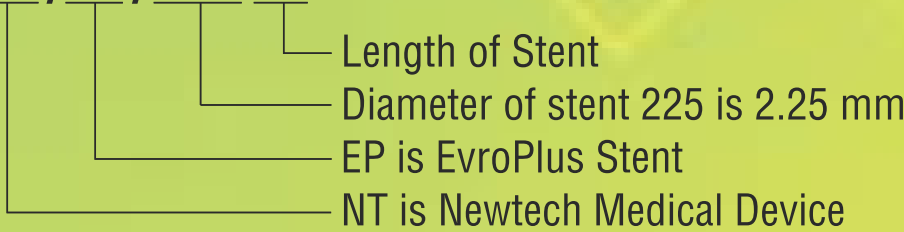
3D Stick model

EvroPlus™

Everolimus Eluting Coronary Stent System

Ordering Information

NT/EP/22508



| Stent Diameter | 2.00 mm | 2.25 mm | 2.50 mm | 2.75 mm | 3.00 mm | 3.50 mm | 4.00 mm | 4.50 mm |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Length | | | | | | | | |
| 08 mm | NT/IS/20008 | NT/IS/22508 | NT/IS/25008 | NT/IS/27508 | NT/IS/30008 | NT/IS/35008 | NT/IS/40008 | |
| 12 mm | NT/IS/20012 | NT/IS/22512 | NT/IS/25012 | NT/IS/27512 | NT/IS/30012 | NT/IS/35012 | NT/IS/40012 | |
| 14 mm | NT/IS/20014 | NT/IS/22514 | NT/IS/25014 | NT/IS/27514 | NT/IS/30014 | NT/IS/35014 | NT/IS/40014 | NT/IS/45014 |
| 18 mm | NT/IS/20018 | NT/IS/22518 | NT/IS/25018 | NT/IS/27518 | NT/IS/30018 | NT/IS/35018 | NT/IS/40018 | NT/IS/45018 |
| 22 mm | NT/IS/20022 | NT/IS/22522 | NT/IS/25022 | NT/IS/27522 | NT/IS/30022 | NT/IS/35022 | NT/IS/40022 | NT/IS/45022 |
| 26 mm | NT/IS/20026 | NT/IS/22526 | NT/IS/25026 | NT/IS/27526 | NT/IS/30026 | NT/IS/35026 | NT/IS/40026 | NT/IS/45026 |
| 30 mm | NT/IS/20030 | NT/IS/22530 | NT/IS/25030 | NT/IS/27530 | NT/IS/30030 | NT/IS/35030 | NT/IS/40030 | NT/IS/45030 |
| 34 mm | | NT/IS/22534 | NT/IS/25034 | NT/IS/27534 | NT/IS/30034 | NT/IS/35034 | NT/IS/40034 | NT/IS/45034 |
| 38 mm | | NT/IS/22538 | NT/IS/25038 | NT/IS/27538 | NT/IS/30038 | NT/IS/35038 | NT/IS/40038 | NT/IS/45038 |
| 42 mm | | | NT/IS/25042 | NT/IS/27542 | NT/IS/30042 | NT/IS/35042 | NT/IS/40042 | NT/IS/45042 |
| 46 mm | | | | NT/IS/27546 | NT/IS/30046 | NT/IS/35046 | NT/IS/40046 | NT/IS/45046 |
| 50 mm | | | | NT/IS/27550 | NT/IS/30050 | NT/IS/35050 | NT/IS/40050 | NT/IS/45050 |
| 54 mm | | | | NT/IS/27554 | NT/IS/30054 | NT/IS/35054 | NT/IS/40054 | NT/IS/45054 |

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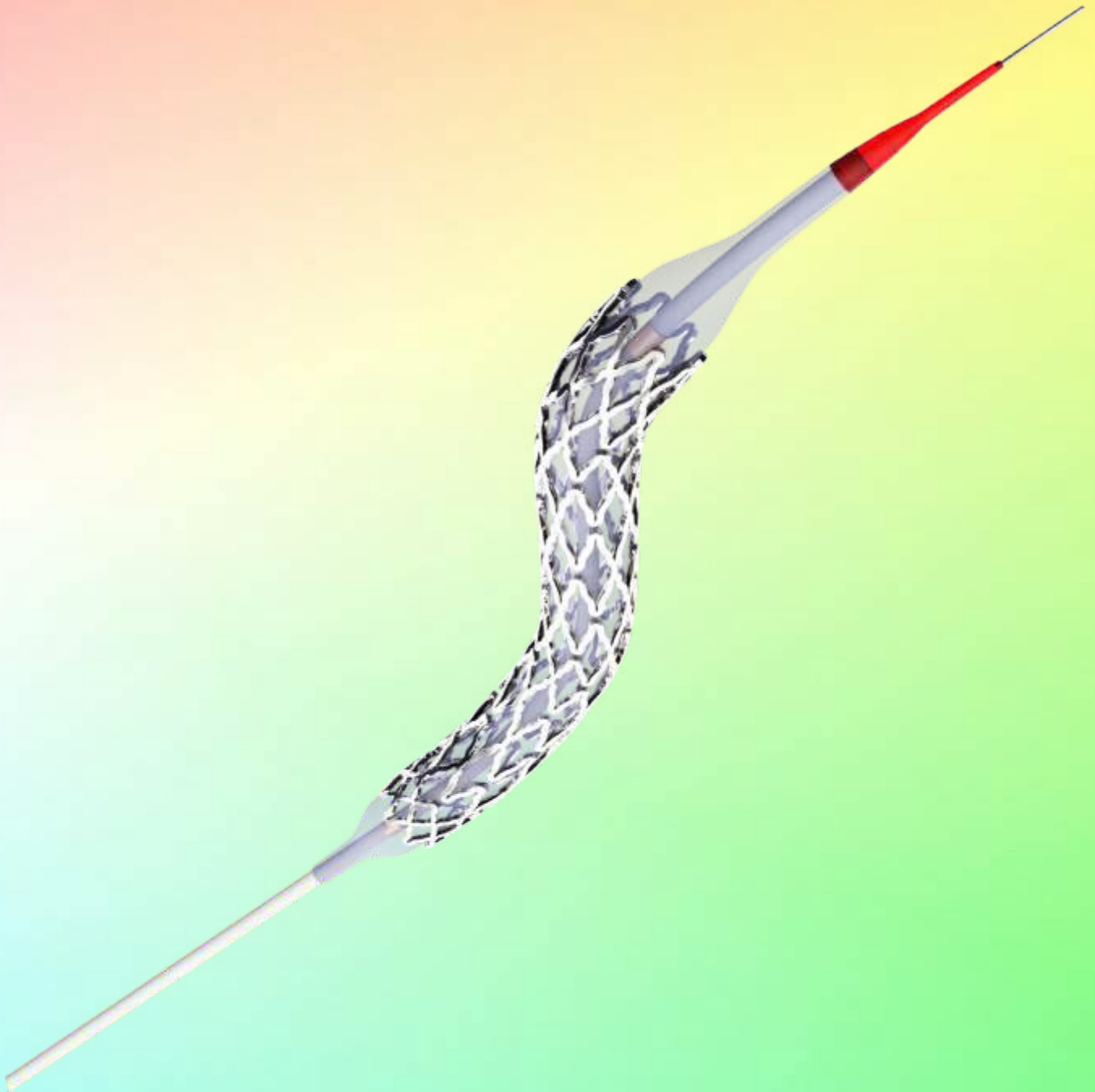
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Sirolimus Eluting Coronary Stent System

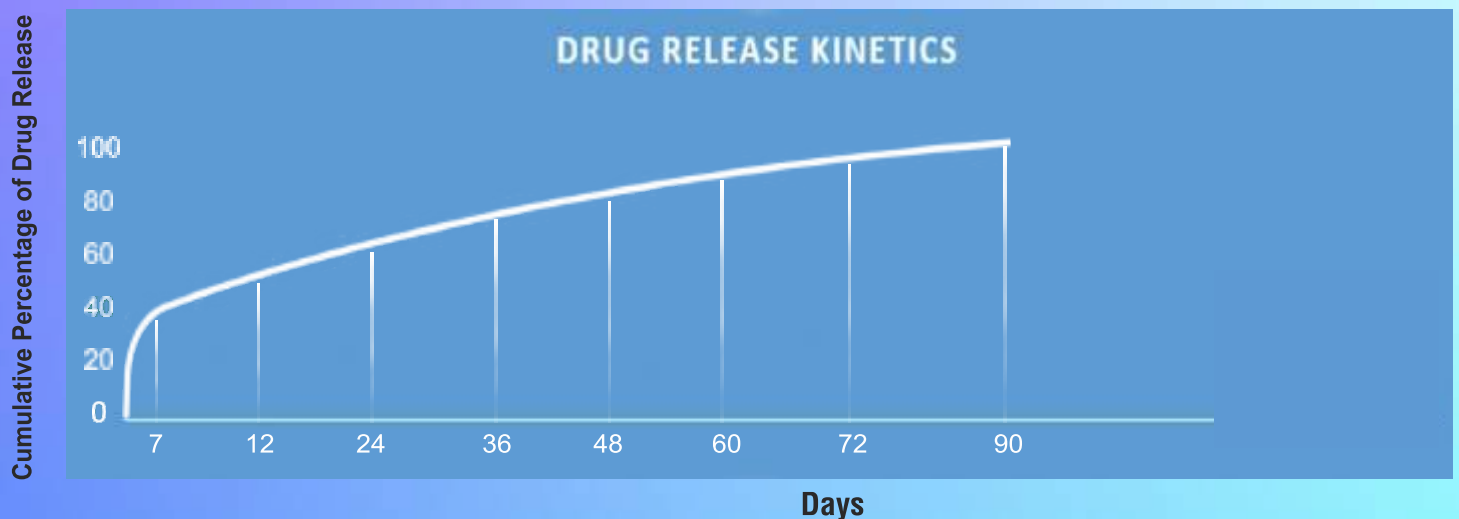
Insistent Sirolimus Eluting Coronary Stent System

| | |
|---------------------------------|---|
| Stent Material | Implantable Cobalt Chromium (L605), laser cut seamless tubing in a serpentine pattern coated with a polymer and Sirolimus mixture. |
| Delivery System usable length | 140 cm |
| Delivery System Y Adaptor Ports | Single access port to the inflation/deflation lumen. A guide wire exit port is located at 25 cm from the tip. Designed for guidewire 0.014" (0.36 mm) |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0 mm longer than stent, mounted stent length and location in defined by radiopaque Gold 18K / Pt-Ir marker at proximal and distal to stent. |
| Balloon Inflation pressure | Nominal inflation Pressure : 8ATM - Vessel 2.25-3.00, Length 8-30mm 9ATM - Vessel 2.25-3.00, Length 35-54mm 9ATM - Vessel 3.50-4.50, Length 8-54mm Rated burst pressure : 16 atm*. |
| Guiding Catheter inner diameter | 5 Fr. (1.40mm) Compatible |
| Guide Wire | 0.014 inches |
| Strut Thickness (µm) | 65 ± 5 |
| Polymer Bio-Degradation | 100 % 12-13 weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | <6% |
| Foreshortening | <2% |
| Stent architecture | Hybrid cell design with Non-Linear links |



Proven Drug Release Kinetics

Insistent has proven drug release Kinetics Initial Burst Release of 30% - 40% Sirolimus in the first week followed by sustained release upto 90 days to maintain therapeutic sirolimus drug concentration to optimize the anti tissue proliferative action.



InsistentTM

Sirolimus Eluting Coronary Stent System

The Insistent Sirolimus eluting stent system is a combination product comprised of two regulated components : a device (a coronary stent system) and a drug product (a formulation of Sirolimus contained in a polymer coating) pre mounted on balloon catheter between two GOLD 18K/ Pt - Ir radio opaque marker bands.

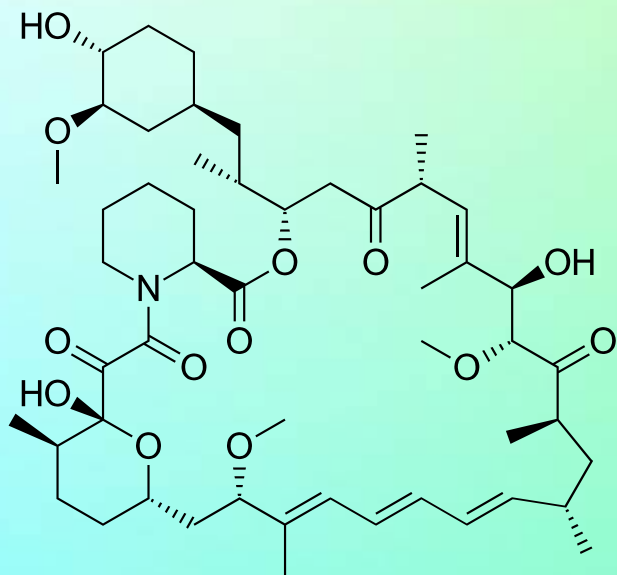
Stent Diameter (measured at 37.5 ° C tolerance + 0.10 mm)

| Pressure Bar | 2.25mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50mm |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| 6 | 2.10 | 2.35 | 2.60 | 2.80 | 3.39 | 3.85 | 4.30 |
| 7 | 2.15 | 2.40 | 2.55 | 2.90 | 3.42 | 3.89 | 4.40 |
| 8* | 2.23 | 2.49 | 2.75 | 2.99 | 3.45 | 3.92 | 4.42 |
| 9** | 2.25 | 2.51 | 2.78 | 3.02 | 3.48 | 3.96 | 4.45 |
| 10 | 2.28 | 2.54 | 2.80 | 3.04 | 3.56 | 4.10 | 4.55 |
| 11 | 2.30 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.58 |
| 12 | 2.32 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.60 |
| 13 | 2.35 | 2.66 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.39 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.41 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16*** | 2.43 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.45 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.47 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.48 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

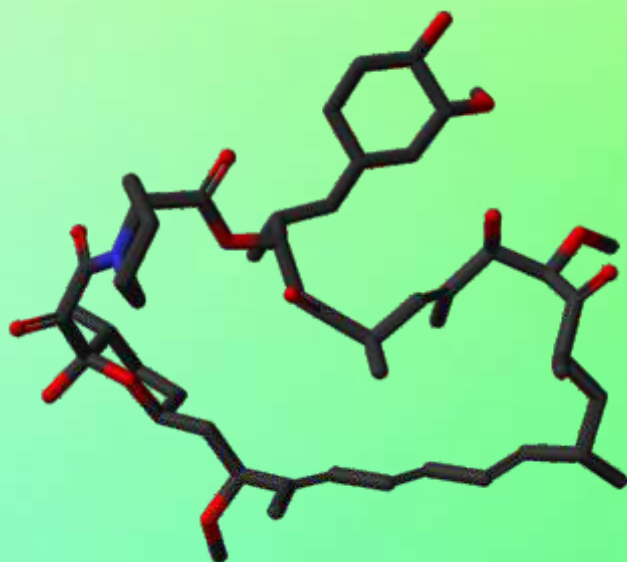
*Nominal Pressure ; *** Rated Burst Pressure.

Drug Component Description

Insistent Sirolimus stent is coating consists of a blend of sirolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient). Sirolimus is a Macrocyclic lactone produced by *Streptomyces hygroscopicus*. The chemical name of sirolimus (also known as rapamycin) is (3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methyl-ethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacycloheptriacontine-1,5,11,28,29(4H,6H,31H)-pentone. Its molecular formula is C₅₁H₇₉NO₁₃ and its molecular weight is 914.2.



Structural formula of sirolimus



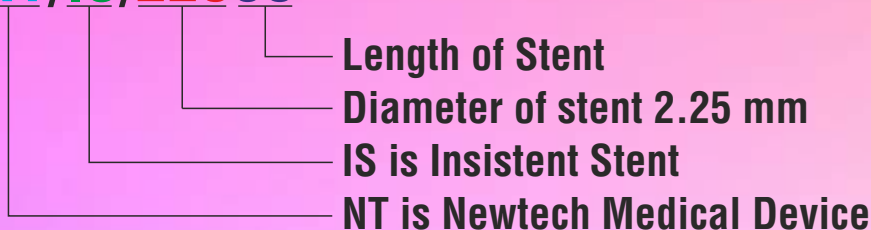
3D Stick model

InsistentTM

Sirolimus Eluting Coronary Stent System

Ordering Information

NT/IS/22508



| Stent Diameter | 2.00 mm | 2.25 mm | 2.50 mm | 2.75 mm | 3.00 mm | 3.50 mm | 4.00 mm | 4.50 mm |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Length | | | | | | | | |
| 08 mm | NT/IS/20008 | NT/IS/22508 | NT/IS/25008 | NT/IS/27508 | NT/IS/30008 | NT/IS/35008 | NT/IS/40008 | |
| 12 mm | NT/IS/20012 | NT/IS/22512 | NT/IS/25012 | NT/IS/27512 | NT/IS/30012 | NT/IS/35012 | NT/IS/40012 | |
| 14 mm | NT/IS/20014 | NT/IS/22514 | NT/IS/25014 | NT/IS/27514 | NT/IS/30014 | NT/IS/35014 | NT/IS/40014 | NT/IS/45014 |
| 18 mm | NT/IS/20018 | NT/IS/22518 | NT/IS/25018 | NT/IS/27518 | NT/IS/30018 | NT/IS/35018 | NT/IS/40018 | NT/IS/45018 |
| 22 mm | NT/IS/20022 | NT/IS/22522 | NT/IS/25022 | NT/IS/27522 | NT/IS/30022 | NT/IS/35022 | NT/IS/40022 | NT/IS/45022 |
| 26 mm | NT/IS/20026 | NT/IS/22526 | NT/IS/25026 | NT/IS/27526 | NT/IS/30026 | NT/IS/35026 | NT/IS/40026 | NT/IS/45026 |
| 30 mm | NT/IS/20030 | NT/IS/22530 | NT/IS/25030 | NT/IS/27530 | NT/IS/30030 | NT/IS/35030 | NT/IS/40030 | NT/IS/45030 |
| 34 mm | | NT/IS/22534 | NT/IS/25034 | NT/IS/27534 | NT/IS/30034 | NT/IS/35034 | NT/IS/40034 | NT/IS/45034 |
| 38 mm | | NT/IS/22538 | NT/IS/25038 | NT/IS/27538 | NT/IS/30038 | NT/IS/35038 | NT/IS/40038 | NT/IS/45038 |
| 42 mm | | | NT/IS/25042 | NT/IS/27542 | NT/IS/30042 | NT/IS/35042 | NT/IS/40042 | NT/IS/45042 |
| 46 mm | | | | NT/IS/27546 | NT/IS/30046 | NT/IS/35046 | NT/IS/40046 | NT/IS/45046 |
| 48 mm | | | | NT/IS/27548 | NT/IS/30048 | NT/IS/35048 | NT/IS/40048 | NT/IS/45048 |
| 50 mm | | | | NT/IS/27550 | NT/IS/30050 | NT/IS/35050 | NT/IS/40050 | NT/IS/45050 |
| 54 mm | | | | | NT/IS/30054 | NT/IS/35054 | NT/IS/40054 | NT/IS/45054 |

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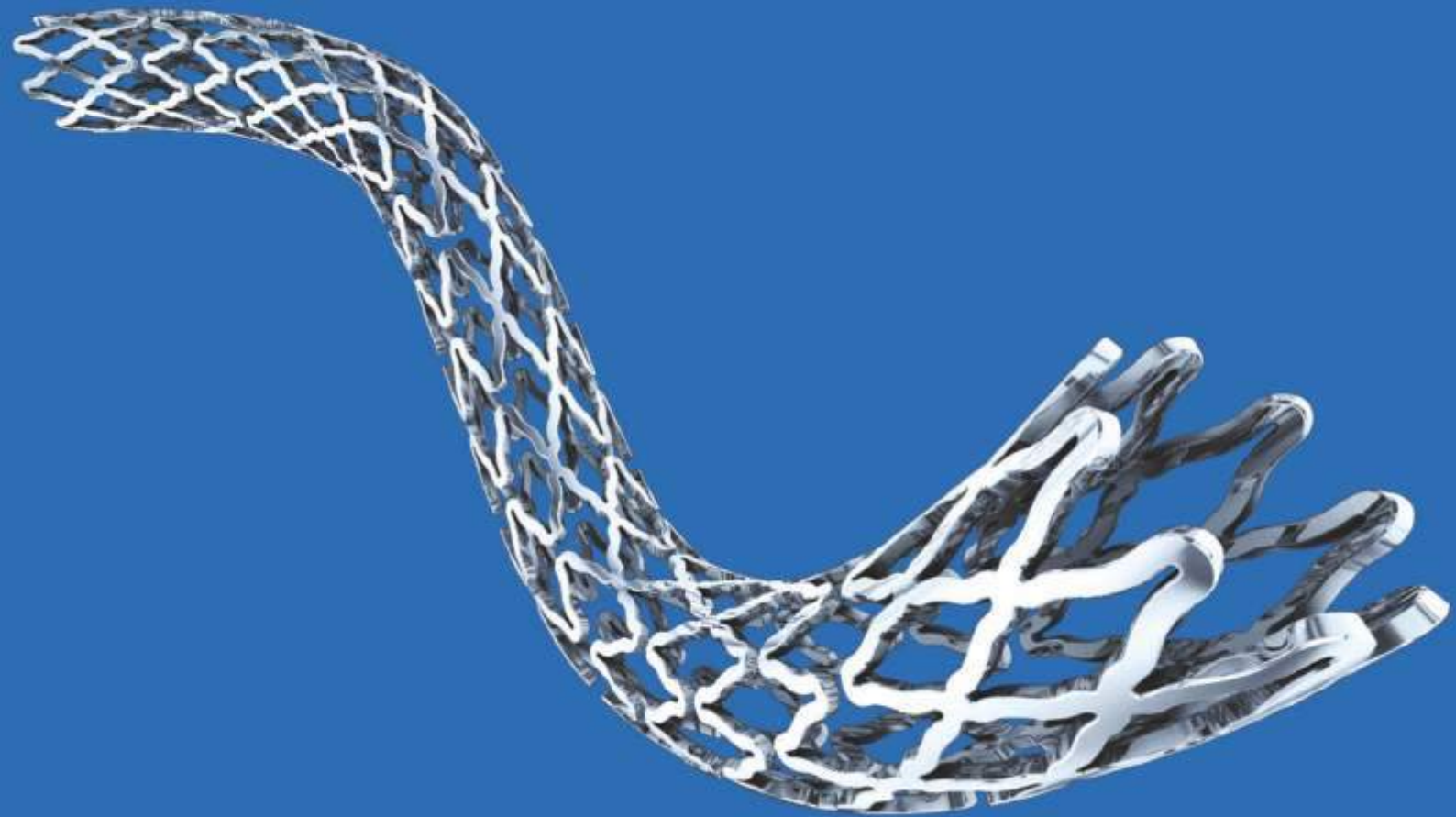
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Koronar™

From Indigenous Idea to Newtech Solution



Sirolimus Eluting Coronary Stent System

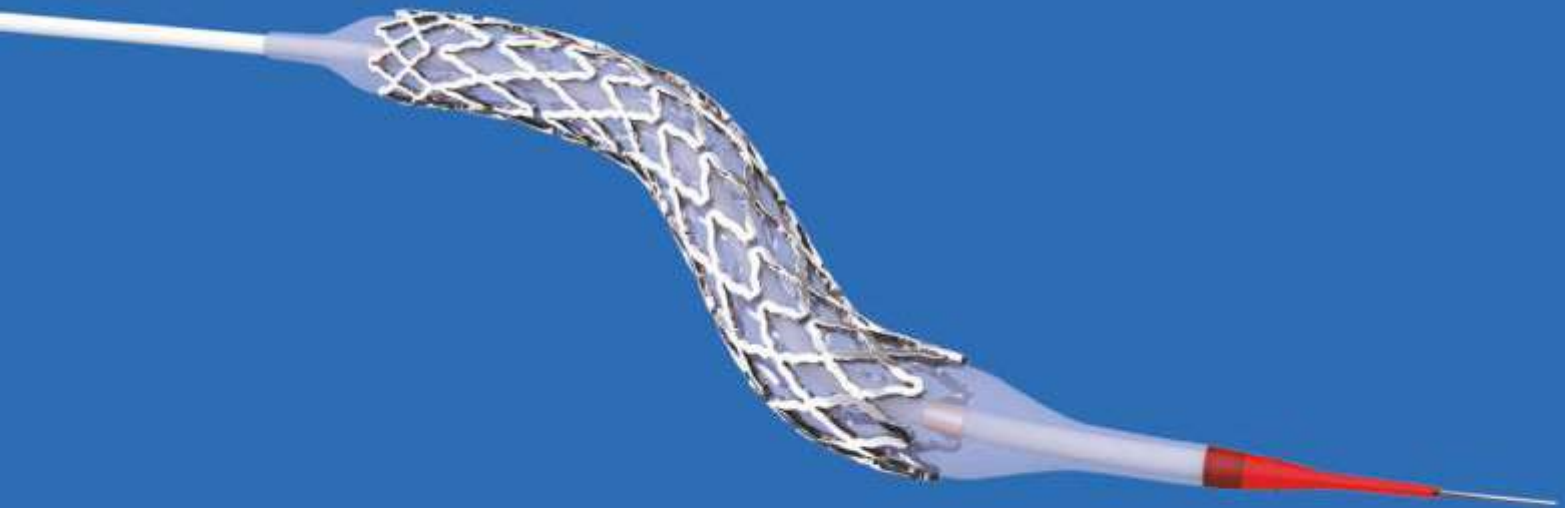
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KoronarTM

Sirolimus Eluting Coronary Stent System

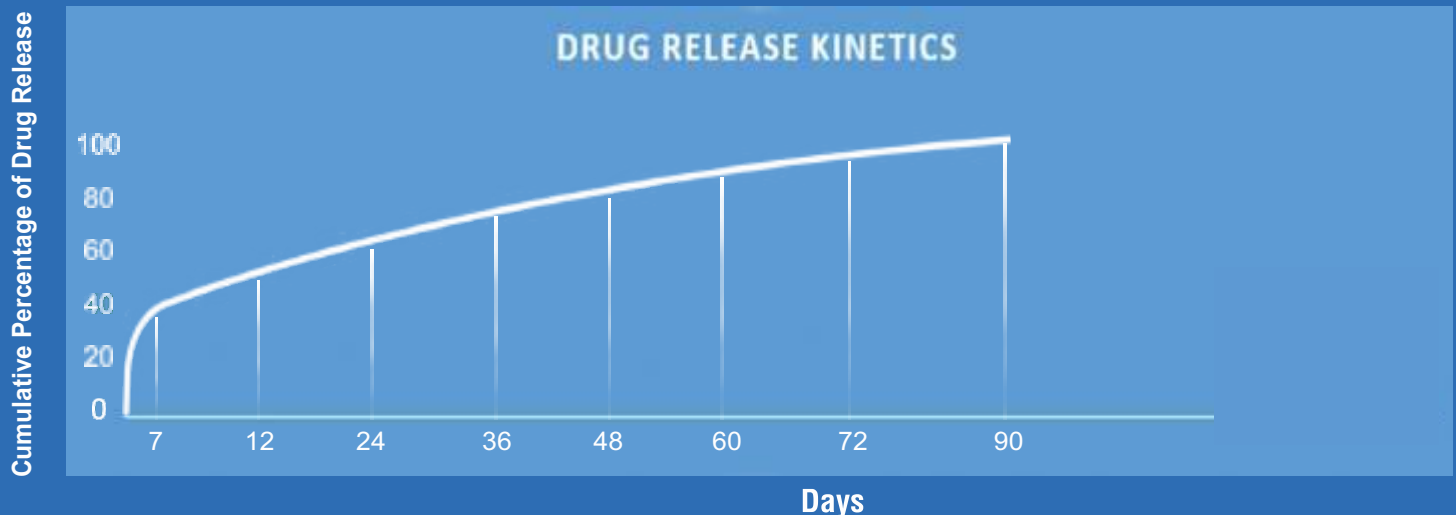
Device Component Description.

| Koronar Sirolimus Eluting Coronary Stent System | |
|---|--|
| Stent Material | Surgical Grade Cobalt chromium (L605), laser cut from seamless tubing in a serpentine pattern coated with a polymer and Sirolimus mixture. |
| Delivery System Usable Length | 140cm |
| Delivery System Adaptor Ports | Single access port to the inflation/deflation lumen. A guidewire exit port is located at 25cm from the tip. Designed for guidewire 0.014" (0.36mm). |
| Stent Delivery Balloon | Nylon balloon, nominally 1.0mm longer than stent, mounted stent length and location is defined by radio opaque GOLD 18K/Pt-Ir marker at proximal and distal to stent. |
| Balloon Inflation Pressure | Nominal inflation pressure : 8ATM - Vessel 2.25-3.00, Length 8-30mm 9ATM - Vessel 2.25-3.00, Length 34-54mm 9ATM - Vessel 3.50-4.50, Length 8-54mm Rated burst pressure: 16 atm*. |
| Guiding Catheter Inner Diameter | 5 Fr(1.4mm) Compatible |
| Guide Wire | 0.014 inch |
| Strut Thickness (um) | 55 ± 5 micron |
| Polymer Bio-Degradation | 100% 12-13 Weeks |
| Pushability and Trackability | Excellent |
| Stent Recoil | <6% |
| Foreshortening | <2% |
| Stent architecture | Hybrid Cell Design with Non-Linear links |



Proven Drug Release Kinetics

Koronar has proven drug release kinetics Initial Burst Release of 30%-40% Sirolimus in the first week followed by sustained release upto 90 days to maintain therapeutic sirolimus drug concentration to optimize the anti tissue proliferative action.



Koronar™

Sirolimus Eluting Coronary Stent System

Koronar-Sirolimus Eluting Coronay System

The Koronar Sirolimus eluting stent system is a combination product comprised of two regulated components: a device (a coronary stent system) and a drug product (a formulation of Sirolimus contained in a polymer coating) mounted on balloon catheter between two GOLD 18K / Pt- Ir radio opaque marker bands.

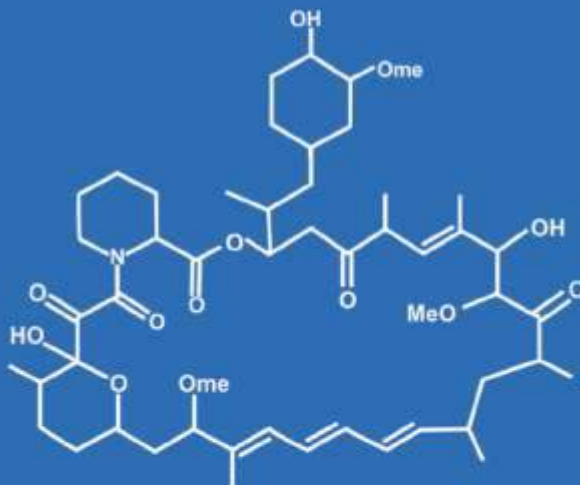
Drug Component Description.

The component is coated on the stent. This coating consists of a blend of sirolimus drug (the active ingredient) and biodegradable polymers (the inactive ingredient).

Sirolimus is a Macrocyclic lactone produced by *Streptomyces hygroscopicus*.

The chemical name of Sirolimus is (3S, 6R, 7E, 9R, 10R, 12 R, 14S, 15E, 17E, 19 E, 21S, 23S, 26R, 27R, 34aS) -9, 10, 12, 13, 14, 21, 22, 23, 24, 25, 26, 27, 32, 33, 34 ahexadecahydro 9, 27 dihydroxy - 3 - [(1R) - 2 - [(1S, 3R, 4R) - 4 - hydroxyl - 3 ethoxycyclohexyl] - 10, 21- dimethoxy- 6, 8, 12, 14, 20, 26- hexamethyl - 23, 27 - epoxy - 3H - pyrido [2, 1 - c] [1, 4] oxazacyclohentriacontine - 1, 5, 11, 28, 29 (4H, 6H, 31H) – pentone.

Its molecular formula is C₅₁H₇₉NO₁₃ and M.Wt. is 914.2.



Sirolimus is a white to off-white powder and is insoluble in water, but freely soluble in benzyl alcohol, chloroform, acetone, and acetonitrile & has a melting temperature of approximately 183- 185°C. Sirolimus belongs to a class of therapeutic agents known as macro cyclic lactones or macrolides. It is a cytostatic drug and an immunosuppressant.

It inhibits cell motility by suppression of m-TOR mediated 56K1 and 4E-BP1 pathways.

It inhibits T-Lymphocyte activation and proliferation occurring in response to antigen and cytokine. It also inhibits antibody production. It demonstrates anti- proliferative activities.

Polymer

The inactive ingredient of the coating consists of a blend of lactide and glycolide based biodegradable polymers. These polymers control the drug release kinetics and they degrade as the drug is released from the stent.

Stent diameters (measured at 37.5° C tolerances ± 0.10mm)

| Pressure Bar | 2.00mm | 2.25mm | 2.50mm | 2.75mm | 3.00mm | 3.50mm | 4.00mm | 4.50mm |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4 | 1.9 | 2.00 | 2.30 | 2.54 | 2.75 | 3.30 | 3.80 | 4.25 |
| 6 | 2.00 | 2.10 | 2.35 | 2.60 | 2.80 | 3.39 | 3.85 | 4.30 |
| 7 | 2.10 | 2.15 | 2.40 | 2.65 | 2.90 | 3.42 | 3.89 | 4.40 |
| 8* | 2.15 | 2.23 | 2.49 | 2.75 | 2.99 | 3.45 | 3.98 | 4.49 |
| 9** | 2.23 | 2.25 | 2.51 | 2.78 | 3.02 | 3.48 | 4.00 | 4.52 |
| 10 | 2.25 | 2.28 | 2.54 | 2.80 | 3.04 | 3.51 | 4.02 | 4.55 |
| 11 | 2.28 | 2.30 | 2.59 | 2.86 | 3.10 | 3.62 | 4.12 | 4.58 |
| 12 | 2.30 | 2.32 | 2.62 | 2.89 | 3.14 | 3.66 | 4.16 | 4.60 |
| 13 | 2.32 | 2.35 | 2.65 | 2.92 | 3.18 | 3.70 | 4.20 | 4.65 |
| 14 | 2.35 | 2.39 | 2.67 | 2.95 | 3.20 | 3.74 | 4.24 | 4.68 |
| 15 | 2.39 | 2.41 | 2.70 | 2.98 | 3.22 | 3.78 | 4.27 | 4.72 |
| 16*** | 2.41 | 2.43 | 2.72 | 3.01 | 3.26 | 3.80 | 4.30 | 4.75 |
| 17 | 2.43 | 2.45 | 2.75 | 3.04 | 3.30 | 3.82 | 4.32 | 4.78 |
| 18 | 2.45 | 2.47 | 2.79 | 3.08 | 3.35 | 3.86 | 4.36 | 4.81 |
| 20 | 2.47 | 2.48 | 2.81 | 3.12 | 3.40 | 3.89 | 4.40 | 4.85 |

*Nominal Pressure

***RBP (Rated Burst Pressure)

Koronar™

Sirolimus Eluting Coronary Stent System

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/20008 | 2.00 | 8 |
| NT/KS/20012 | 2.00 | 12 |
| NT/KS/20014 | 2.00 | 14 |
| NT/KS/20018 | 2.00 | 18 |
| NT/KS/20022 | 2.00 | 22 |
| NT/KS/20026 | 2.00 | 26 |
| NT/KS/20030 | 2.00 | 30 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/22508 | 2.25 | 8 |
| NT/KS/22512 | 2.25 | 12 |
| NT/KS/22514 | 2.25 | 14 |
| NT/KS/22518 | 2.25 | 18 |
| NT/KS/22522 | 2.25 | 22 |
| NT/KS/22526 | 2.25 | 26 |
| NT/KS/22530 | 2.25 | 30 |
| NT/KS/22534 | 2.25 | 34 |
| NT/KS/22538 | 2.25 | 38 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/25008 | 2.5 | 8 |
| NT/KS/25012 | 2.5 | 12 |
| NT/KS/25014 | 2.5 | 14 |
| NT/KS/25018 | 2.5 | 18 |
| NT/KS/25022 | 2.5 | 22 |
| NT/KS/25026 | 2.5 | 26 |
| NT/KS/25030 | 2.5 | 30 |
| NT/KS/25034 | 2.5 | 34 |
| NT/KS/25038 | 2.5 | 38 |
| NT/KS/25042 | 2.5 | 42 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/27508 | 2.75 | 8 |
| NT/KS/27512 | 2.75 | 12 |
| NT/KS/27514 | 2.75 | 14 |
| NT/KS/27518 | 2.75 | 18 |
| NT/KS/27522 | 2.75 | 22 |
| NT/KS/27526 | 2.75 | 26 |
| NT/KS/27530 | 2.75 | 30 |
| NT/KS/27534 | 2.75 | 34 |
| NT/KS/27538 | 2.75 | 38 |
| NT/KS/27542 | 2.75 | 42 |
| NT/KS/27546 | 2.75 | 46 |
| NT/KS/27550 | 2.75 | 50 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/30008 | 3.0 | 8 |
| NT/KS/30012 | 3.0 | 12 |
| NT/KS/30014 | 3.0 | 14 |
| NT/KS/30018 | 3.0 | 18 |
| NT/KS/30022 | 3.0 | 22 |
| NT/KS/30026 | 3.0 | 26 |
| NT/KS/30030 | 3.0 | 30 |
| NT/KS/30034 | 3.0 | 34 |
| NT/KS/30038 | 3.0 | 38 |
| NT/KS/30042 | 3.0 | 42 |
| NT/KS/30046 | 3.0 | 46 |
| NT/KS/30050 | 3.0 | 50 |
| NT/KS/30054 | 3.0 | 54 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/35008 | 3.5 | 8 |
| NT/KS/35012 | 3.5 | 12 |
| NT/KS/35014 | 3.5 | 14 |
| NT/KS/35018 | 3.5 | 18 |
| NT/KS/35022 | 3.5 | 22 |
| NT/KS/35026 | 3.5 | 26 |
| NT/KS/35030 | 3.5 | 30 |
| NT/KS/35034 | 3.5 | 34 |
| NT/KS/35038 | 3.5 | 38 |
| NT/KS/35042 | 3.5 | 42 |
| NT/KS/35046 | 3.5 | 46 |
| NT/KS/35050 | 3.5 | 50 |
| NT/KS/35054 | 3.5 | 54 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/40008 | 4.0 | 8 |
| NT/KS/40012 | 4.0 | 12 |
| NT/KS/40014 | 4.0 | 14 |
| NT/KS/40018 | 4.0 | 18 |
| NT/KS/40022 | 4.0 | 22 |
| NT/KS/40026 | 4.0 | 26 |
| NT/KS/40030 | 4.0 | 30 |
| NT/KS/40034 | 4.0 | 34 |
| NT/KS/40038 | 4.0 | 38 |
| NT/KS/40042 | 4.0 | 42 |
| NT/KS/40046 | 4.0 | 46 |
| NT/KS/40050 | 4.0 | 50 |
| NT/KS/40054 | 4.0 | 54 |

| REF | Stent Dia(mm) | Stent Length(mm) |
|-------------|---------------|------------------|
| NT/KS/45018 | 4.5 | 18 |
| NT/KS/45022 | 4.5 | 22 |
| NT/KS/45026 | 4.5 | 26 |
| NT/KS/45030 | 4.5 | 30 |
| NT/KS/45034 | 4.5 | 34 |
| NT/KS/45038 | 4.5 | 38 |
| NT/KS/45042 | 4.5 | 42 |
| NT/KS/45046 | 4.5 | 46 |
| NT/KS/45050 | 4.5 | 50 |
| NT/KS/45054 | 4.5 | 54 |




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