

Technical Specifications

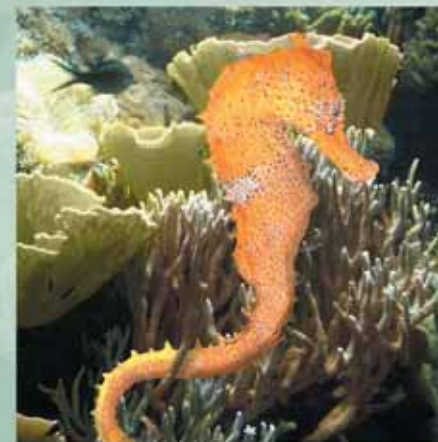
Stent

Stent Material	Stainless Steel AISI 316L
Stent Construction	Laser cut/ slotted tube
Stent Design	multiple monotype closed cell (6 circumferential cells)
Strut Thickness	165 µm
Strut Width	110 µm
Special design	dedicated renal- ostial flaring section

Stent Delivery System

Type	Rapid Exchange
Shaft Ø prox./dist	2.3F / 3.5F
Min. Guiding	6F (> 0.066")
Catheter I.D.	
Recom. Introducer Sheath	5F
Max. recom. Guidewire	0.014"
Marker	2 swaged (zero profile) Platinum Iridium
Usable Shaft Length	80, 145 cm
Nominal Pressure	8 bar

Renal RX Stent System

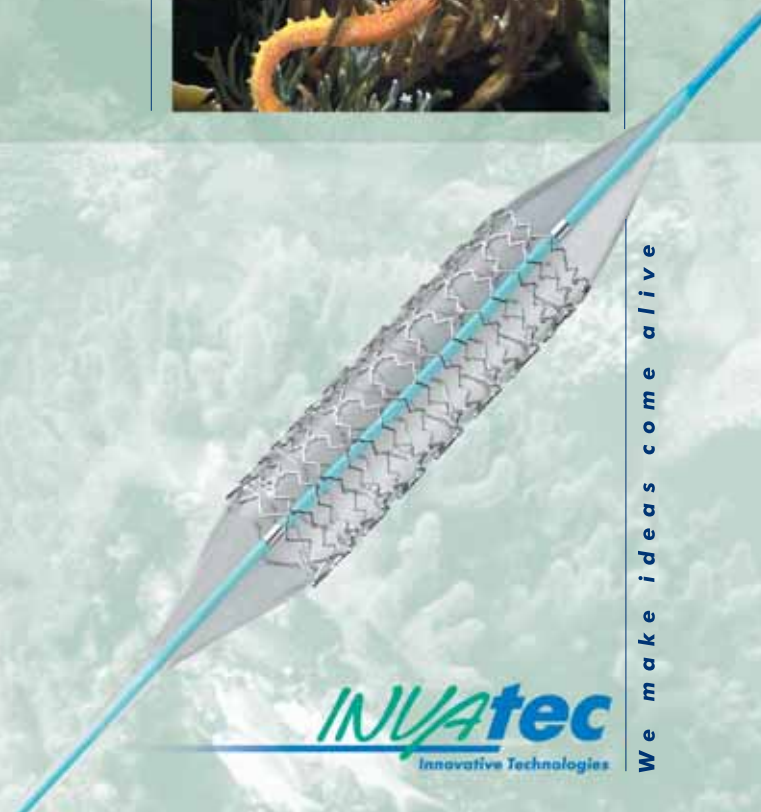


1 French (F) = 0.333 mm - 1 inch (") = 25.4 mm

Ref. N°	Ref. N°	Stent Nominal	Stent Nominal	RBP (bar)
Usable shaft length	Usable shaft length	Inner Diameter	Length	
80 cm	145 cm	(mm)	(mm)	
IHP040 100 080	IHP040 100 145	4.0	10	15
IHP040 150 080	IHP040 150 145	4.0	15	15
IHP040 200 080	IHP040 200 145	4.0	20	15
IHP050 100 080	IHP050 100 145	5.0	10	15
IHP050 150 080	IHP050 150 145	5.0	15	15
IHP050 200 080	IHP050 200 145	5.0	20	15
IHP050 240 080	IHP050 240 145	5.0	24	15
IHP055 100 080	IHP055 100 145	5.5	10	15
IHP055 150 080	IHP055 150 145	5.5	15	15
IHP055 200 080	IHP055 200 145	5.5	20	15
IHP060 100 080	IHP060 100 145	6.0	10	14
IHP060 150 080	IHP060 150 145	6.0	15	14
IHP060 200 080	IHP060 200 145	6.0	20	14
IHP060 240 080	IHP060 240 145	6.0	24	14
IHP065 150 080	IHP065 150 145	6.5	15	14
IHP065 200 080	IHP065 200 145	6.5	20	14
IHP070 150 080	IHP070 150 145	7.0	15	14
IHP070 200 080	IHP070 200 145	7.0	20	14
IHP070 240 080	IHP070 240 145	7.0	24	14



- 1 RX Section Length of 15 cm
- 2 Distal Shaft Diameter of 3.5F
- 3 Proximal Shaft Diameter 2.3F
- 4 Stent Nominal Length
- 5 Stent Nominal Inner Diameter
- 6 Usable Shaft Length



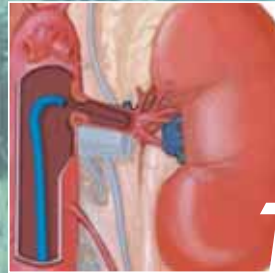
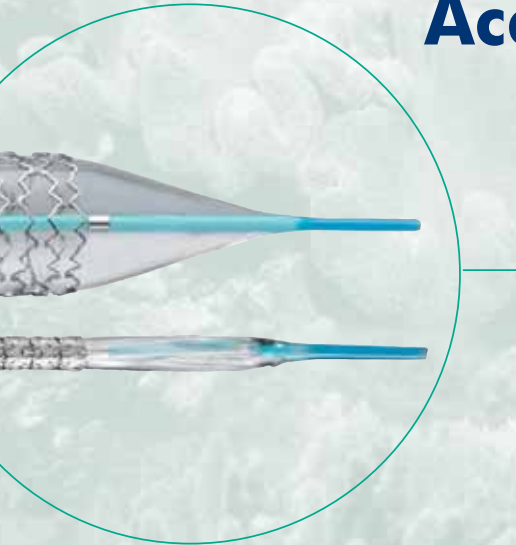
We make ideas come alive



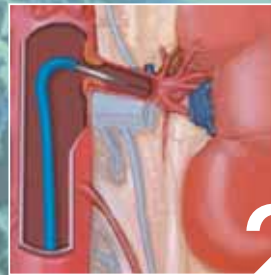
Dedicated to Renal Artery Treatment

Renal RX Stent System

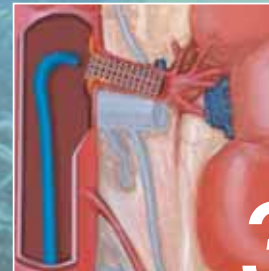
Superior Vessel Accessibility



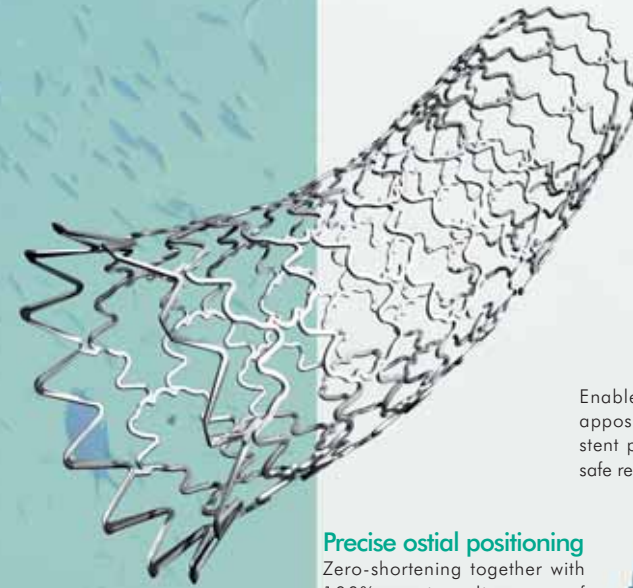
Insertion of the guidewire into the renal artery.



While advancing the Hippocampus stent system through the guiding catheter, the progressive flexibility at distal balloon segment prevents the guidewire from being flipped out of the renal ostium.



After the proper deployment of the stent, the ostial segment can be flared inside the ostium.



Ostial Scaffolding Capability

Enables a proper ostial wall apposition and flaring of the stent proximal segment for a safe re-intubation of the ostium.

Precise ostial positioning

Zero-shortening together with 100% precise alignment of proximal stent position and stent delivery system marker.



Everything is possible

Femoral, axillar, brachial or even radial approach with 80 or 145 cm long catheter shaft.

Progressive Flexibility on Distal Balloon Segment

Long tip with long balloon cones: progressive flexibility from the distal tip over the distal cone to the stent segment. This avoids straightening out the guide wire by the stent system, which may result in flipping out of the renal ostium.

Enhanced Pushability

Combination of shortened RX segment and NiTi wire reinforcement provide the perfect balance between flexibility and pushability dedicated to renal artery angioplasty.