

# iVascular<sup>®</sup>

therapies for living

## luminor 35

Paclitaxel eluting PTA balloon dilatation catheter

**EFFPAC trial**  
171 patients



Homogeneous  
& **anti-cracking**  
coating

**Safe and precise**  
delivery of Paclitaxel



Assured coating  
**stability** during  
navigation

Nanotechnology  
dosage system.  
**Ultra-thin** coating



Proprietary coating  
technology **TransferTech**



[www.ivascular.global](http://www.ivascular.global)

# luminor 35 features

- > **Over-the-wire catheter (OTW)**
- > Usable catheter length: **80 cm** or **140 cm**
- > Recommended guidewire: **0.035"**
- > Tip profile: **0.036"**
- > Crossing profile: **from 0.065" up to 0.077"**
- > Nominal pressure: **6/7 atm**
- > RBP: **16 atm**
- > ABP: **23 atm**

Product with CE mark, certified by Notified Body 0318

Usable catheter length	Balloon Ø (mm)	Balloon Length (mm)					
		20	40	60	80	120	150
80 cm	5.0	BP DPC35 080 500 020	BP DPC35 080 500 040	BP DPC35 080 500 060	BP DPC35 080 500 080	BP DPC35 080 500 120	BP DPC35 080 500 150
	6.0	BP DPC35 080 600 020	BP DPC35 080 600 040	BP DPC35 080 600 060	BP DPC35 080 600 080	BP DPC35 080 600 120	BP DPC35 080 600 150
	7.0	BP DPC35 080 700 020	BP DPC35 080 700 040	BP DPC35 080 700 060	BP DPC35 080 700 080	BP DPC35 080 700 120	-
140 cm	5.0	BP DPC35 140 500 020	BP DPC35 140 500 040	BP DPC35 140 500 060	BP DPC35 140 500 080	BP DPC35 140 500 120	BP DPC35 140 500 150
	6.0	BP DPC35 140 600 020	BP DPC35 140 600 040	BP DPC35 140 600 060	BP DPC35 140 600 080	BP DPC35 140 600 120	BP DPC35 140 600 150
	7.0	BP DPC35 140 700 020	BP DPC35 140 700 040	BP DPC35 140 700 060	BP DPC35 140 700 080	BP DPC35 140 700 120	-

The availability of each reference for the sale is linked to the authorization of commercialization in the country of destination

- Introducer compatibility: **5F**
- Introducer compatibility: **6F (ID 2.20 mm)**

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# iVascular<sup>®</sup>

therapies for living

## oceanus 14 pro

PTA balloon dilatation catheter

To reach the **most challenging** lesions  
with the **highest visibility**

Best flexibility  
and trackability\*

Smallest balloon  
diameters

Enhanced  
visibility\*

Lowest  
profiles



Proprietary hydrophilic  
durable coating



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# oceanus 14 pro features

* Radiopaque markers	
	$\varnothing \leq 2.0\text{mm}$ , Length $\leq 20\text{mm}$ : 1 tungsten marker
	$\varnothing \leq 2.0\text{mm}$ , Length $> 20\text{mm}$ : 2 tungsten markers
	$\varnothing \geq 2.5\text{mm}$ : 2 Pt/Ir markers

- > Over the wire catheter (OTW)
- > Usable Catheter length: 100 cm & 150 cm
- > Guidewire compatibility: 0.014"
- > Tip profile: 0.017"
- > Crossing profile: 0.021" to 0.033"
- > Nominal pressure: 7 atm
- > Rated Burst Pressure (RBP): 16 atm
- > Average Burst Pressure (ABP): 22 atm

Product with CE mark, certified by Notified Body 0318

Usable catheter length	Balloon $\varnothing$ (mm)	Balloon Length (mm)								
		10	15	20	40	60	80	120	150	200
100 cm	1.25	BP PC14N 100 125 010	BP PC14N 100 125 015	BP PC14N 100 125 020	-	-	-	-	-	-
	1.5	BP PC14N 100 150 010	BP PC14N 100 150 015	BP PC14N 100 150 020	BP PC14N 100 150 040	BP PC14N 100 150 060	BP PC14N 100 150 080	-	-	-
	2.0	BP PC14N 100 200 010	BP PC14N 100 200 015	BP PC14N 100 200 020	BP PC14N 100 200 040	BP PC14N 100 200 060	BP PC14N 100 200 080	BP PC14N 100 200 120	BP PC14N 100 200 150	BP PC14N 100 200 200
	2.5	-	-	-	BP PC14N 100 250 040	BP PC14N 100 250 060	BP PC14N 100 250 080	BP PC14N 100 250 120	BP PC14N 100 250 150	BP PC14N 100 250 200
	3.0	-	-	-	BP PC14N 100 300 040	BP PC14N 100 300 060	BP PC14N 100 300 080	BP PC14N 100 300 120	BP PC14N 100 300 150	BP PC14N 100 300 200
	3.5	-	-	-	BP PC14N 100 350 040	BP PC14N 100 350 060	BP PC14N 100 350 080	BP PC14N 100 350 120	BP PC14N 100 350 150	BP PC14N 100 350 200
	4.0	-	-	-	BP PC14N 100 400 040	BP PC14N 100 400 060	BP PC14N 100 400 080	BP PC14N 100 400 120	-	-
150 cm	1.25	BP PC14N 150 125 010	BP PC14N 150 125 015	BP PC14N 150 125 020	-	-	-	-	-	-
	1.5	BP PC14N 150 150 010	BP PC14N 150 150 015	BP PC14N 150 150 020	BP PC14N 150 150 040	BP PC14N 150 150 060	BP PC14N 150 150 080	-	-	-
	2.0	BP PC14N 150 200 010	BP PC14N 150 200 015	BP PC14N 150 200 020	BP PC14N 150 200 040	BP PC14N 150 200 060	BP PC14N 150 200 080	BP PC14N 150 200 120	BP PC14N 150 200 150	BP PC14N 150 200 200
	2.5	-	-	-	BP PC14N 150 250 040	BP PC14N 150 250 060	BP PC14N 150 250 080	BP PC14N 150 250 120	BP PC14N 150 250 150	BP PC14N 150 250 200
	3.0	-	-	-	BP PC14N 150 300 040	BP PC14N 150 300 060	BP PC14N 150 300 080	BP PC14N 150 300 120	BP PC14N 150 300 150	BP PC14N 150 300 200
	3.5	-	-	-	BP PC14N 150 350 040	BP PC14N 150 350 060	BP PC14N 150 350 080	BP PC14N 150 350 120	BP PC14N 150 350 150	BP PC14N 150 350 200
	4.0	-	-	-	BP PC14N 150 400 040	BP PC14N 150 400 060	BP PC14N 150 400 080	BP PC14N 150 400 120	-	-

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● Introducer compatibility: 4F

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# NC xperience

Coronary balloon dilatation catheter

**RBP up to 20 atm**

**Perfect for post-dilatation**

**The best tip profile**  
on the market

**Ultra-low crossing profile**

to cross through stent struts  
and calcified lesions

**Outstanding trackability**

excellent pushability  
and flexibility

**HYDRAX**



Hydrophilic  
durable coating



## Kissing balloon technique 6F compatible

The low transition profile between the hypotube and the distal shaft allows 6F kissing balloon technique



## Indications:

- All types of dilatation even the most calcified lesions requiring high pressure inflations to improve myocardial perfusion
- Stent post dilatation to enhance stent artery wall apposition and improve angiographic results

# NC xperience features

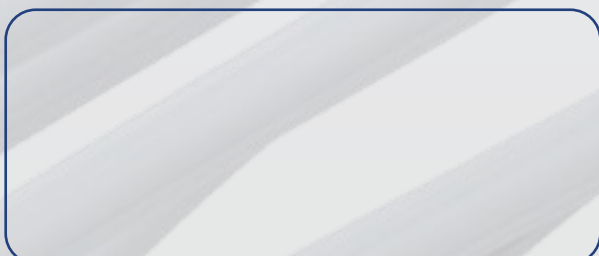
- > Rapid Exchange catheter (RX)
- > Compatible with **0.014"** guidewire
- > Compatible with **5F** guiding catheter
- > Nominal pressure: **12 atm** | ABP: **25 atm**
- > RBP: **20 atm** ( $\varnothing < 4.50\text{mm}$ ) **18 atm** ( $\varnothing \geq 4.50\text{mm}$ )
- > Tip profile: **0.016"**
- > Balloon crossing profile: **from 0.029" up to 0.037"**
- > **2 metallic platinum iridium radiopaque markers**
- > **Compliance: 7% max**
- > **Deflation rate: 3s average**

Product with CE mark, certified by Notified Body 0318

Balloon diameter (mm)	Usable catheter length: 142 cm							
	Balloon length (mm)							
	6	8	10	12	15	20	25	30
2.00	BC TRI4 150 200 006	BC TRI4 150 200 008	BC TRI4 150 200 010	BC TRI4 150 200 012	BC TRI4 150 200 015	BC TRI4 150 200 020	BC TRI4 150 200 025	BC TRI4 150 200 030
2.25	BC TRI4 150 225 006	BC TRI4 150 225 008	BC TRI4 150 225 010	BC TRI4 150 225 012	BC TRI4 150 225 015	BC TRI4 150 225 020	BC TRI4 150 225 025	BC TRI4 150 225 030
2.50	BC TRI4 150 250 006	BC TRI4 150 250 008	BC TRI4 150 250 010	BC TRI4 150 250 012	BC TRI4 150 250 015	BC TRI4 150 250 020	BC TRI4 150 250 025	BC TRI4 150 250 030
2.75	BC TRI4 150 275 006	BC TRI4 150 275 008	BC TRI4 150 275 010	BC TRI4 150 275 012	BC TRI4 150 275 015	BC TRI4 150 275 020	BC TRI4 150 275 025	BC TRI4 150 275 030
3.00	BC TRI4 150 300 006	BC TRI4 150 300 008	BC TRI4 150 300 010	BC TRI4 150 300 012	BC TRI4 150 300 015	BC TRI4 150 300 020	BC TRI4 150 300 025	BC TRI4 150 300 030
3.25	BC TRI4 150 325 006	BC TRI4 150 325 008	BC TRI4 150 325 010	BC TRI4 150 325 012	BC TRI4 150 325 015	BC TRI4 150 325 020	BC TRI4 150 325 025	BC TRI4 150 325 030
3.50	BC TRI4 150 350 006	BC TRI4 150 350 008	BC TRI4 150 350 010	BC TRI4 150 350 012	BC TRI4 150 350 015	BC TRI4 150 350 020	BC TRI4 150 350 025	BC TRI4 150 350 030
3.75	BC TRI4 150 375 006	BC TRI4 150 375 008	BC TRI4 150 375 010	BC TRI4 150 375 012	BC TRI4 150 375 015	BC TRI4 150 375 020	BC TRI4 150 375 025	BC TRI4 150 375 030
4.00	BC TRI4 150 400 006	BC TRI4 150 400 008	BC TRI4 150 400 010	BC TRI4 150 400 012	BC TRI4 150 400 015	BC TRI4 150 400 020	BC TRI4 150 400 025	BC TRI4 150 400 030
4.50	BC TRI4 150 450 006	BC TRI4 150 450 008	BC TRI4 150 450 010	BC TRI4 150 450 012	BC TRI4 150 450 015	BC TRI4 150 450 020		
5.00	BC TRI4 150 500 006	BC TRI4 150 500 008	BC TRI4 150 500 010	BC TRI4 150 500 012	BC TRI4 150 500 015	BC TRI4 150 500 020		

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**iVascular**<sup>®</sup>  
therapies for living

# xperience pro

Coronary balloon dilatation catheter



The balloon that crosses all lesions



[www.ivascular.global](http://www.ivascular.global)

# The latest balloon technology

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## Outstanding visibility

Metallic radiopaque markers with optimized crimping technology

**0.024"\***

The lowest  
crossing profile

**<3 seconds\*\***

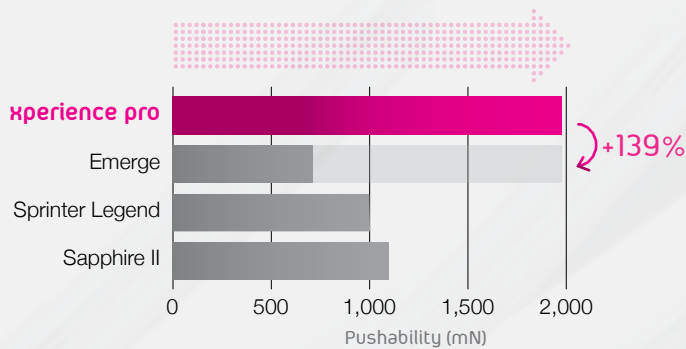
The fastest deflation time  
even for big balloons due to  
its optimized shaft design



# xperience pro ensures the capacity to reach the most distal and complex lesions

1

**Crossing all lesions** due to a very low tip entry profile



**The highest pushability**<sup>\*\*\*</sup>

Innovative material combination created with our proprietary technology makes the difference

2

3

**Deliverability ensured** by a new design with 2 distal shafts

**2.6F** | For small balloons ≤ 3mm

**2.7F** | For big balloons ≥ 3.25mm



**HYDRAX**



Proprietary formula

**Optimal trackability** due to our durable hydrophilic coating

4

# xperience pro features

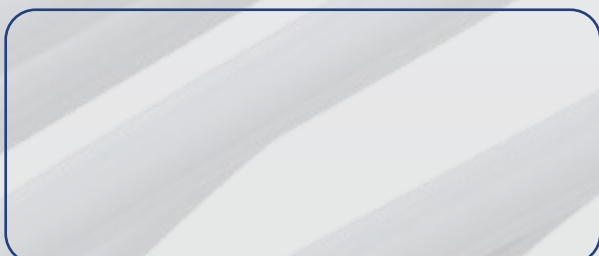
- > **Rapid Exchange** catheter (RX)
- > Compatible with **5F guiding catheter**
- > NP: **6 atm** | RBP: **16 atm**
- > **Semi-compliant:** 10-15%
- > **2 Pt/Ir metallic radiopaque markers**

Product with CE mark, certified by Notified Body 0318

Balloon diameter (mm)	Usable catheter length: 142 cm					
	Balloon length (mm)					
	10	15	20	25	30	40
1.25	BC PRI4N 150 125 010	BC PRI4N 150 125 015	BC PRI4N 150 125 020	-	-	-
	BC PRI4N 150 125 110 *	BC PRI4N 150 125 115 *	-	-	-	-
1.50	BC PRI4N 150 150 010	BC PRI4N 150 150 015	BC PRI4N 150 150 020	-	BC PRI4N 150 150 030	-
	BC PRI4N 150 150 110 *	BC PRI4N 150 150 115 *	-	-	-	-
2.00	BC PRI4N 150 200 010	BC PRI4N 150 200 015	BC PRI4N 150 200 020	BC PRI4N 150 200 025	BC PRI4N 150 200 030	BC PRI4N 150 200 040
2.25	BC PRI4N 150 225 010	BC PRI4N 150 225 015	BC PRI4N 150 225 020	BC PRI4N 150 225 025	BC PRI4N 150 225 030	BC PRI4N 150 225 040
2.50	BC PRI4N 150 250 010	BC PRI4N 150 250 015	BC PRI4N 150 250 020	BC PRI4N 150 250 025	BC PRI4N 150 250 030	BC PRI4N 150 250 040
2.75	BC PRI4N 150 275 010	BC PRI4N 150 275 015	BC PRI4N 150 275 020	BC PRI4N 150 275 025	BC PRI4N 150 275 030	BC PRI4N 150 275 040
3.00	BC PRI4N 150 300 010	BC PRI4N 150 300 015	BC PRI4N 150 300 020	BC PRI4N 150 300 025	BC PRI4N 150 300 030	BC PRI4N 150 300 040
3.25	BC PRI4N 150 325 010	BC PRI4N 150 325 015	BC PRI4N 150 325 020	BC PRI4N 150 325 025	BC PRI4N 150 325 030	BC PRI4N 150 325 040
3.50	BC PRI4N 150 350 010	BC PRI4N 150 350 015	BC PRI4N 150 350 020	BC PRI4N 150 350 025	BC PRI4N 150 350 030	BC PRI4N 150 350 040
3.75	BC PRI4N 150 375 010	BC PRI4N 150 375 015	BC PRI4N 150 375 020	BC PRI4N 150 375 025	BC PRI4N 150 375 030	BC PRI4N 150 375 040
4.00	BC PRI4N 150 400 010	BC PRI4N 150 400 015	BC PRI4N 150 400 020	BC PRI4N 150 400 025	BC PRI4N 150 400 030	BC PRI4N 150 400 040
4.50	BC PRI4N 150 450 010	BC PRI4N 150 450 015	BC PRI4N 150 450 020	BC PRI4N 150 450 025	BC PRI4N 150 450 030	BC PRI4N 150 450 040
5.00	BC PRI4N 150 500 010	BC PRI4N 150 500 015	BC PRI4N 150 500 020	-	-	-

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\* Reference with one radiopaque marker centered in the balloon

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# iNStroke 6F

Thrombus extractor

Designed to improve aspiration



**iVascular**<sup>®</sup>  
therapies for living

# iNStroke 6F

designed to improve clot removal in LVO

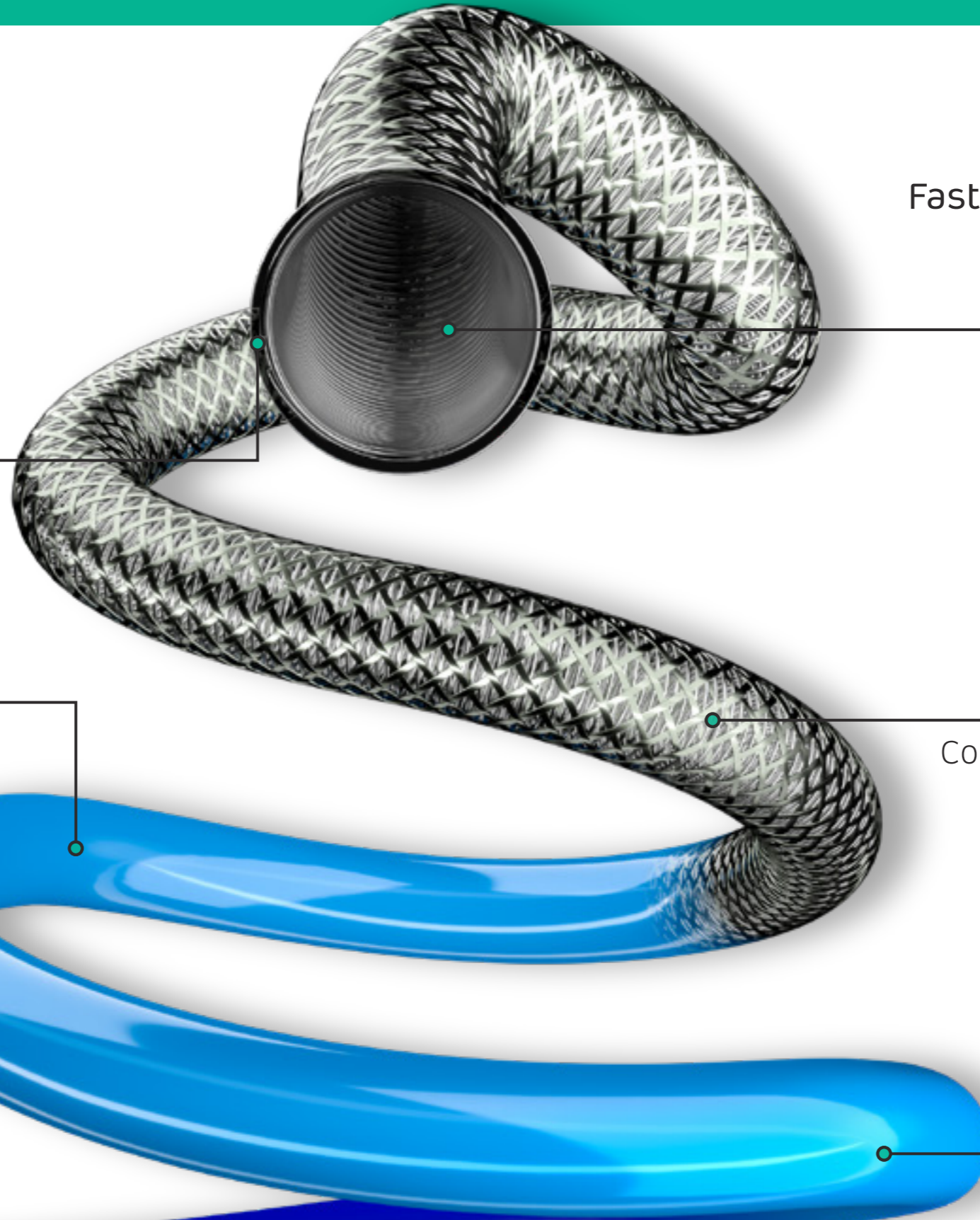


Excellent visibility due to the C-CUT radiopaque marker

Good navigation to reach fast the clot

9 stiffness transitions

Hydrax Plus durable iVascular proprietary hydrophilic coating



Fast and reliable extraction of the clot through its large 0.071" inner lumen

High resistance to kink  
Coil and braided reinforcement

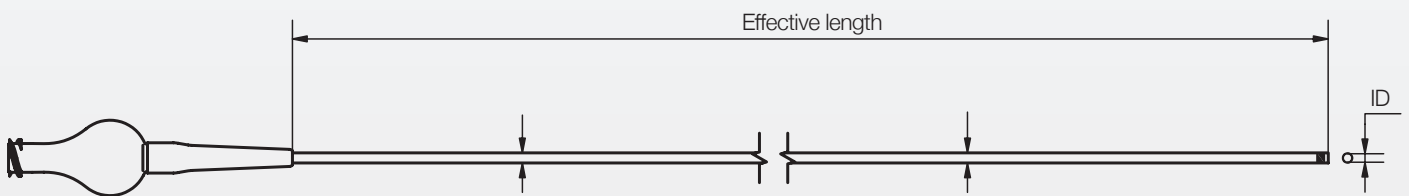
High pushability thanks to the support provided by proximal design

# iNstroke 6F features

- > Single lumen catheter.
- > 9 stiffness transitions.
- > Reinforced structure that combines:
  - Stainless Steel braid with variable ppi along the catheter.
  - Nitinol coil with variable pitch along the catheter.
- > C-Cut radiopaque marker in the tip.
- > Hydrax Plus hydrophilic coating.

## Includes

- 1 short haemostatic valve.
- 2 peelable sheaths.
- 1 shaping mandrel.



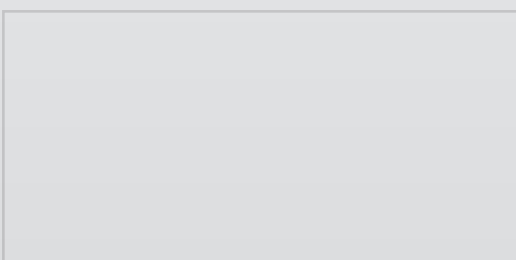
CE mark product. Certified by Notified Body 0318

PRODUCT	Introducer compatibility	Inner diameter (ID)	Profile (proximal / distal)	Effective length	Hydrophilic coating length
iNstroke 6F	6F	0,071" (1,80 mm)	6,4F (2,13mm) / 6,3F (2,10mm)	132 cm 125 cm	60 cm

REFERENCES	DESCRIPTION
DETNA125600	Aspiration thrombus extraction device 6F, length 125 cm
DETNA132600	Aspiration thrombus extraction device 6F, length 132 cm

The availability of each reference for sale is linked to the marketing authorisation in the country of destination.

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# iVascular<sup>®</sup>

therapies for living

## sergeant

peripheral support catheter



To lead complex lesions procedures



[www.ivascular.global](http://www.ivascular.global)

# sergeant

Designed to ease the complex and distal lesions procedures

## Support to cross all lesions

Developed to ensure an outstanding guidewire support:

- Braided catheter with exceptional pushability and torque capacity
- Tapered shaft design to increase support



## Able to go through tortuous anatomy

HYDRAX +, proprietary hydrophilic coating that increases the catheter trackability

## Perfect visibility

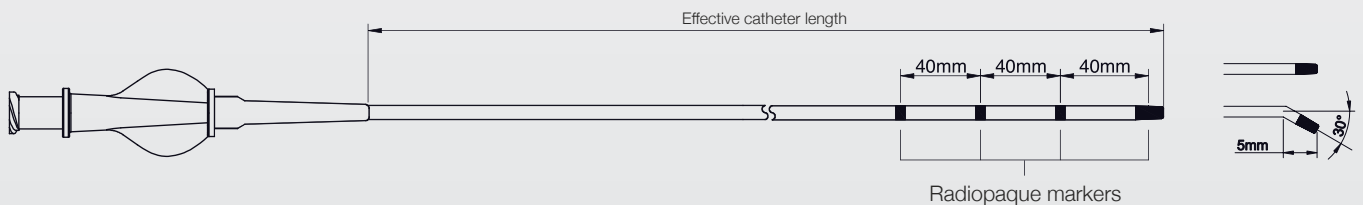
The 4 radiopaque markers assess accurately:

- Catheter position
- Lesion length

# sergeant features

- > Over the wire catheter (OTW)
- > Tip: **Straight or 30° Angled**

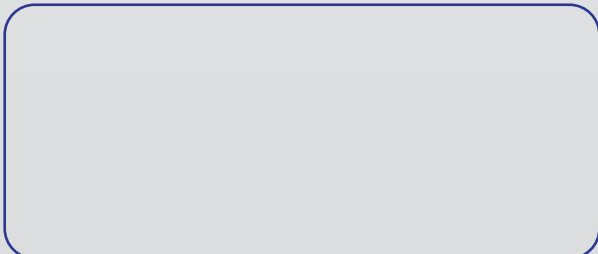
- > **4 tungsten radiopaque** markers
- > **4F** introducer compatible



Product with CE mark, certified by Notified Body 0123

Guidewire compatibility	Effective catheter length (cm)				Tip shape
	65	90	130	150	
0.014"	DSP C14 065 001	DSP C14 090 001	DSP C14 130 001	DSP C14 150 001	Straight
	DSP C14 065 002	DSP C14 090 002	DSP C14 130 002	DSP C14 150 002	Angled
0.018"	DSP C18 065 001	DSP C18 090 001	DSP C18 130 001	DSP C18 150 001	Straight
	DSP C18 065 002	DSP C18 090 002	DSP C18 130 002	DSP C18 150 002	Angled
0.035"	DSP C35 065 001	DSP C35 090 001	DSP C35 130 001	DSP C35 150 001	Straight
	DSP C35 065 002	DSP C35 090 002	DSP C35 130 002	DSP C35 150 002	Angled

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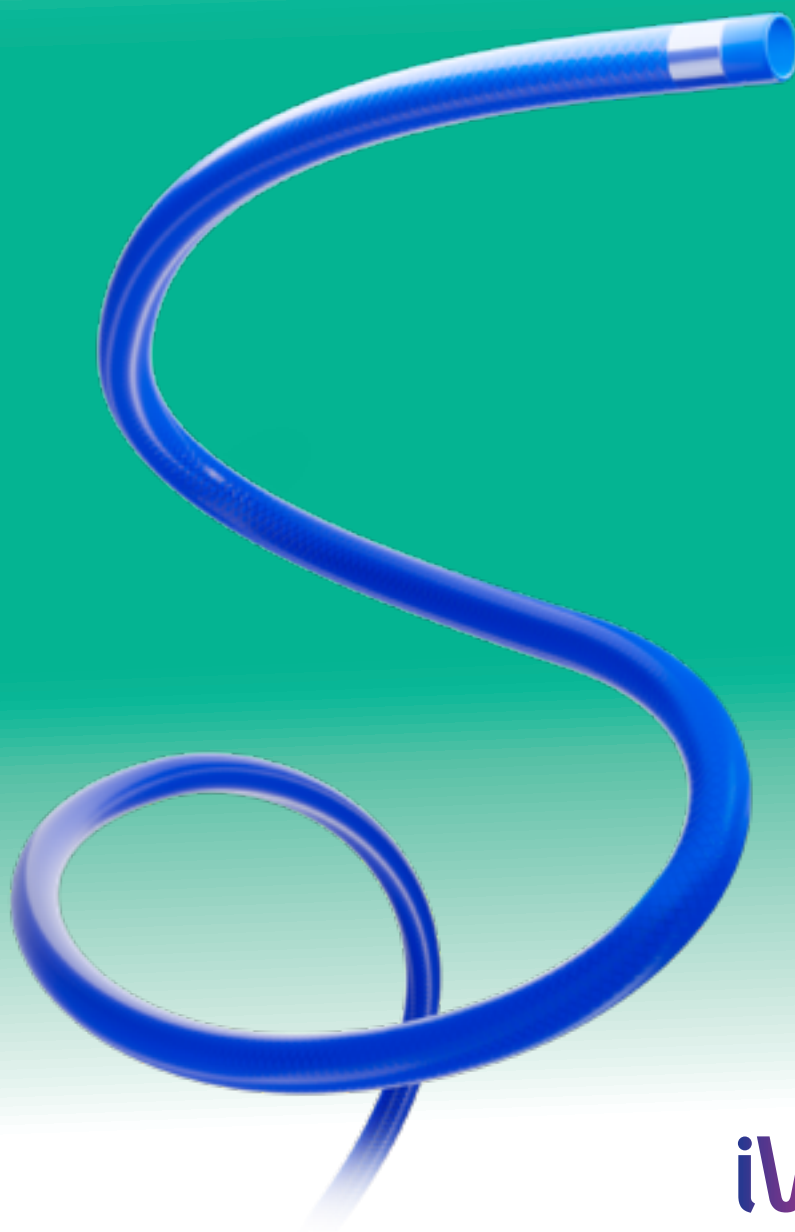
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# iNdeep

Microcatheter

Designed to reach  
the distal intracranial vasculature



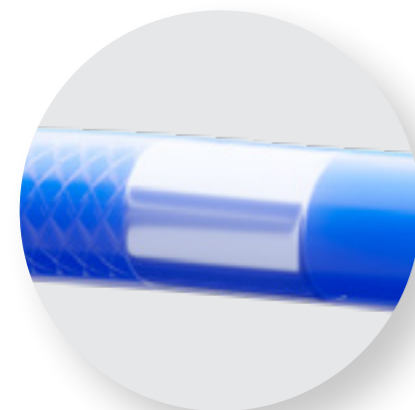
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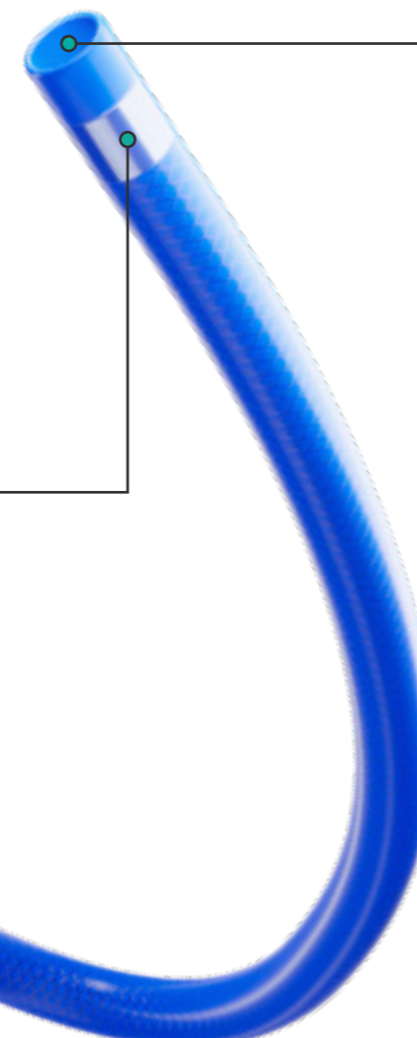


# iNdeep, microcatheter family, designed to navigate in challenging anatomies

**iNdeep**, safe navigation in tortuous anatomies and distal areas.

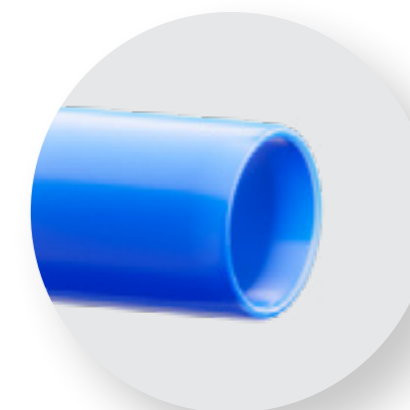


**Exceptional visibility**  
C-Cut radiopaque marker at the distal end



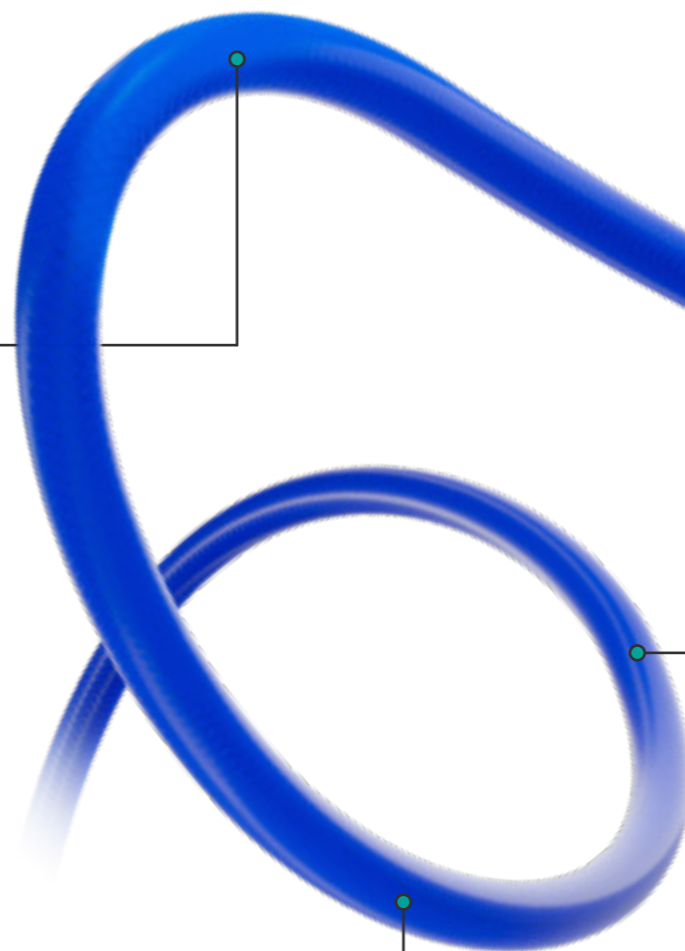
**Optimal navigation**

- Hydrax Plus hydrophilic coating, iVascular's proprietary technology.
- Rounded tip design



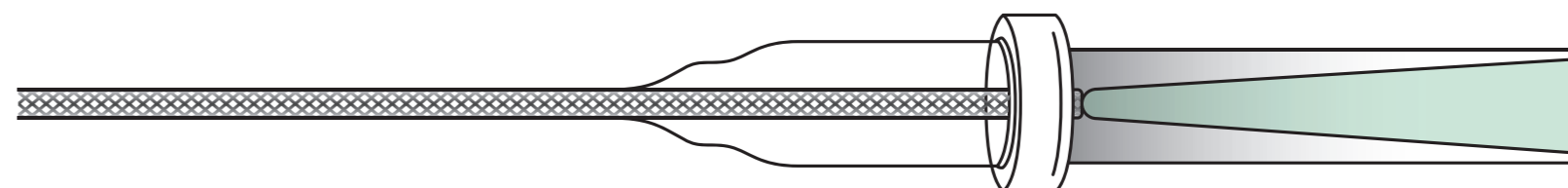
**Excellent pushability**

Braid and transition design tailored to each model according to the microcatheter functional requirements



**Complete range of sizes**  
iNdeep 17, 21 and 27  
compatible with all retriever devices sizes

Specific design of the luer connector **to facilitate the retriever insertion into the microcatheter**



**165cm length in the whole product family**



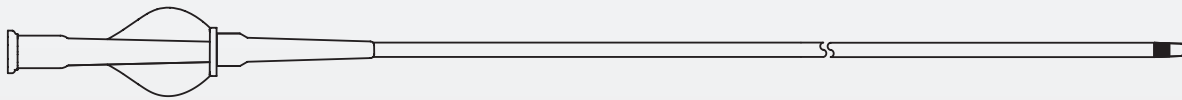
# iNdeep features

- > Complete family of microcatheters: 0,017", 0,021" and 0,027" compatible with all retriever devices.
- > DMSO compatible
- > 1 Radiopaque marker at the tip
- > Maximum infusion pressure: 600 psi
- > Minimum introducer ID 0,053"/ 1,35 mm
- > 165cm length in the whole family product, compatible with intermediate devices.

- > Maximum recommended guidewire:
  - iNdeep 17 - ( $\leq$  0,014")
  - iNdeep 21 - ( $\leq$  0,018")
  - iNdeep 27 - ( $\leq$  0,018")

## Includes

- > Shaping mandrel
- > Card holder with ruler



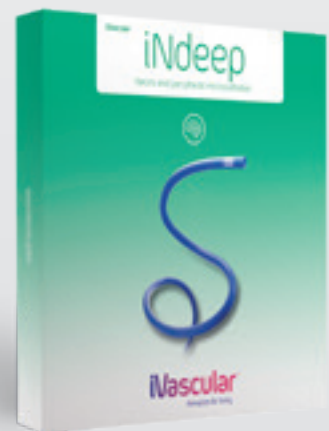
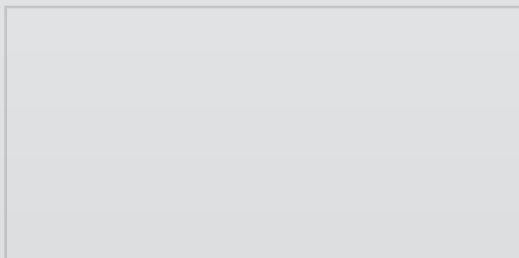
CE mark product. Certified by Notified Body 0318

Description	ID	Profile (proximal / distal)	Effective length	Retriever device $\varnothing$ compatibility	Hydrophilic coating length	Dead space 150cm length	Dead space 165cm length
iNdeep 17	0,017" (0,43mm)	2,55 / 1,95 F	165 cm	3 - 4 mm	100 cm	-	0,40 cc
iNdeep 21	0,021" (0,55mm)	2,85 / 2,28 F	150 / 165 cm	4 - 6 mm	100 cm	0,52 cc	0,56 cc
iNdeep 27	0,027" (0,69mm)	3,00 / 2,58 F	150 / 165 cm	6 mm	100 cm	0,73 cc	0,78 cc

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References	Effective length (cm)	
	150	165
iNdeep 17	-	MCNC17165001
iNdeep 21	MCNC21150001	MCNC21165001
iNdeep 27	MCNC27150001	MCNC27165001

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 therapies for living

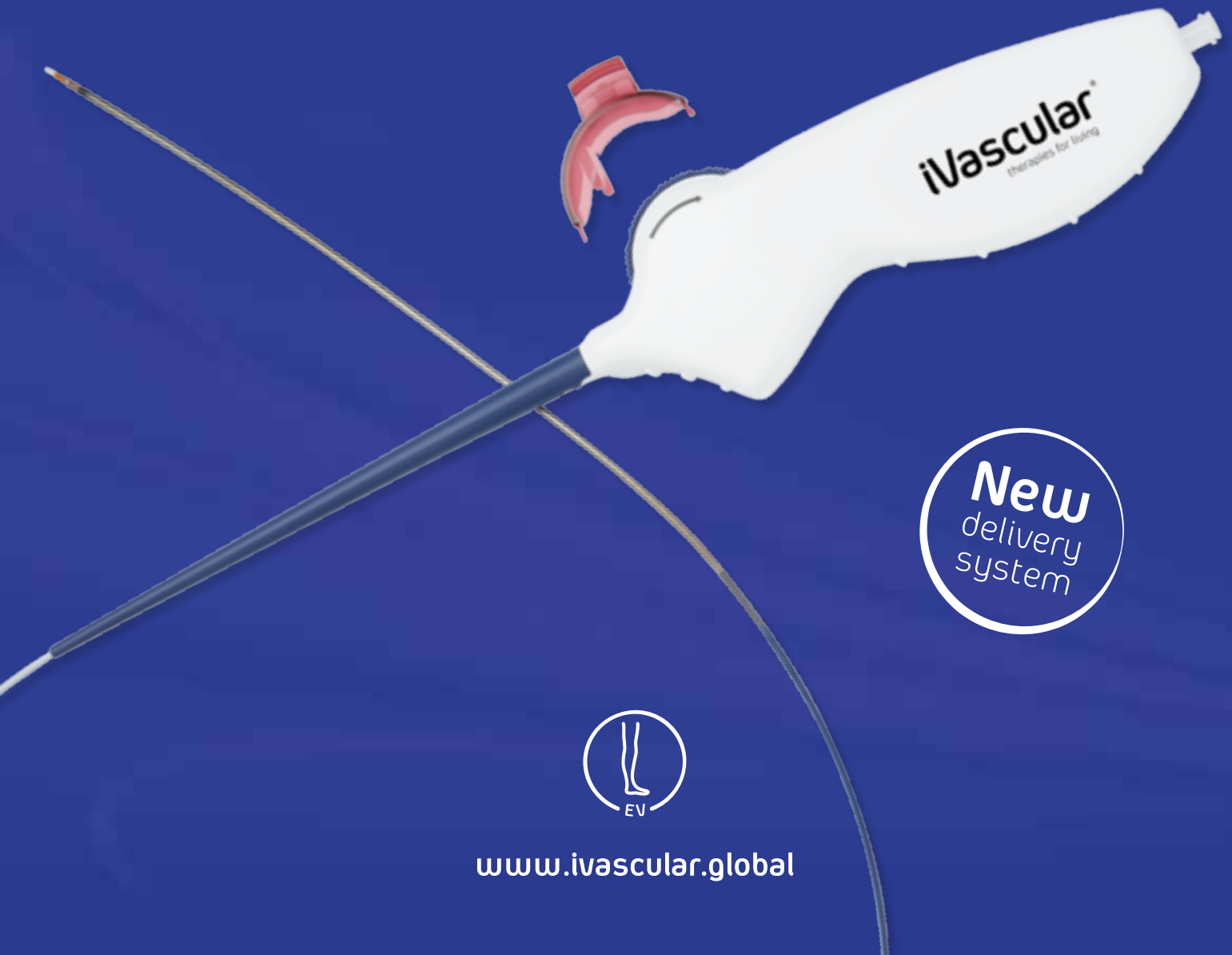
MPS3371 Ed.0 Jan 2023

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therapies for living

# iVolution pro

Self-expanding peripheral stent system

Quality as first option



**New**  
delivery  
system



[www.ivascular.global](http://www.ivascular.global)

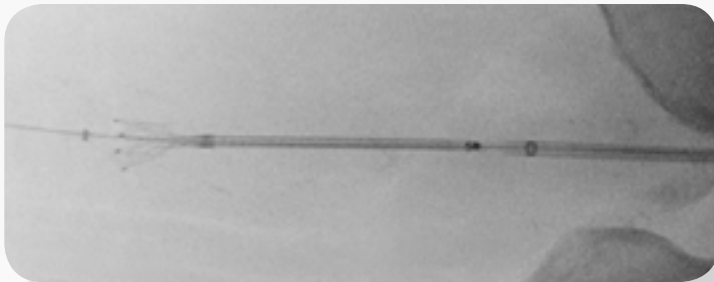
# New delivery

Simple and controlled stent deployment

No jumping effect

## Optimum visibility

- 2 markers delimiting the stent
- 1 tungsten marker in the retractable sheath indicating the implantation level



## Triple sheath design

to control deployment forces and facilitate precise placement

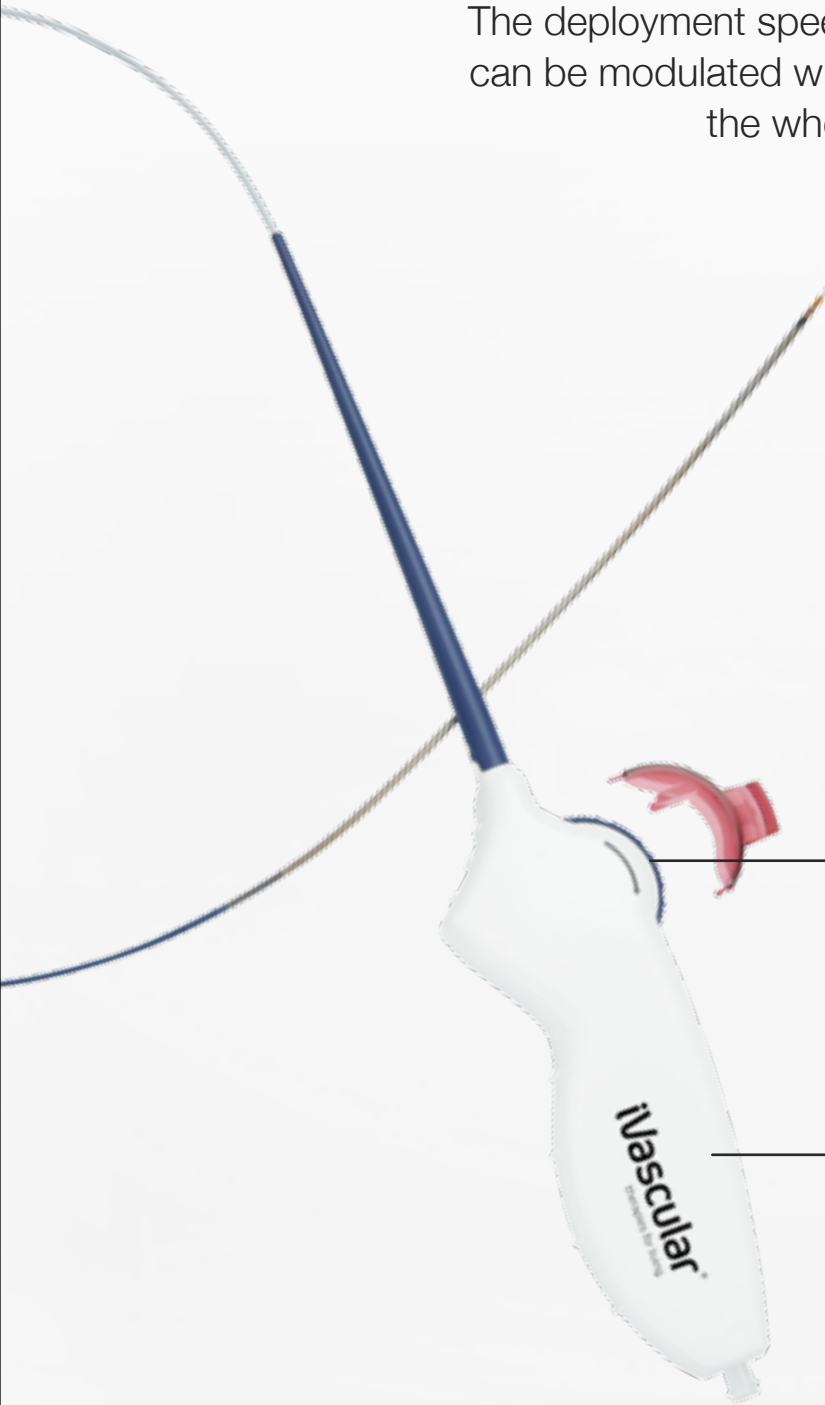


\*iVascular internal data

# ery system

## Controlled deployment

The deployment speed can be modulated with the wheel



## Ergonomic and small handle

10cm shorter than main competitors\*

# Stent quality

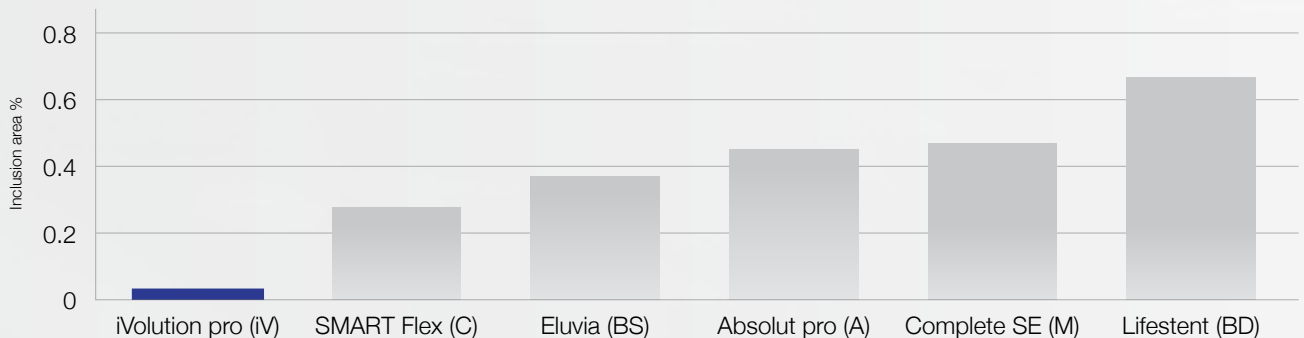
Quality assured to avoid stent fracture

100% of stents checked



**No reported stent fractures** in the EVOLUTION trial at 1-year<sup>1</sup>

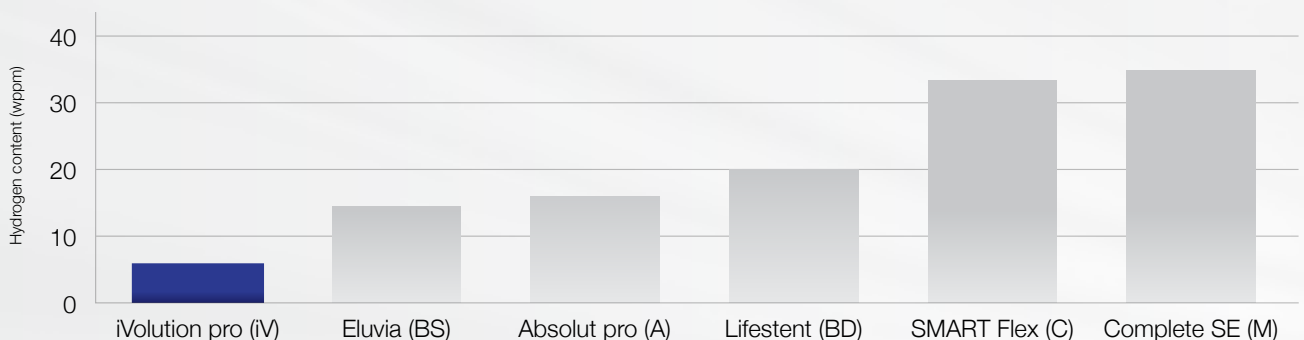
**Best corrosion resistance** and **lowest inclusion fraction** reported<sup>2</sup>



**Inclusions** are small particles inside the nitinol matrix. They are known as a fatigue starting points

**Highest elastic recovery & minimum brittleness**

Hydrogen in stent can suppress elastic recovery and promote brittleness. iVolution pro is the stent with lowest hydrogen content<sup>3</sup>

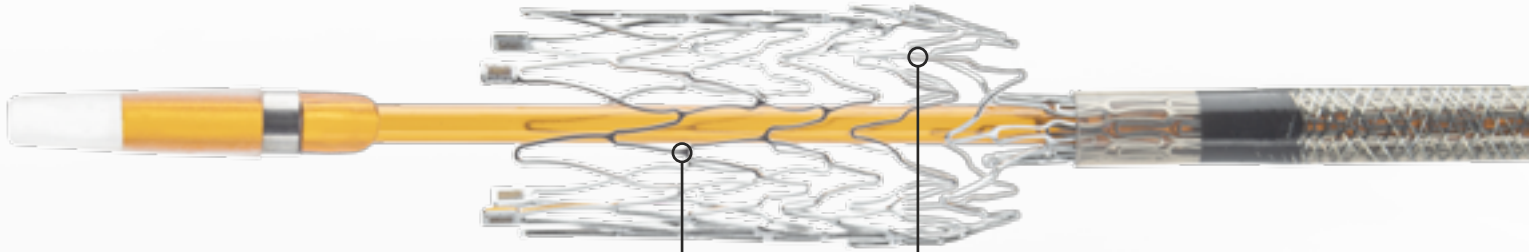


<sup>1</sup> M Bosiers et al. EVOLUTION Study: 12-month results. 2019 Aug;60(4):490-495.

<sup>2</sup> F Sun et al. On the High Sensitivity of Corrosion Resistance of NiTi Stents with Respect to Inclusions: An Experimental Evidence, ACS Omega, 2020

<sup>3</sup> F Sun et al. Revisiting the effects of low-concentration hydrogen in NiTi self-expandable stents. Materials Science & Engineering C 118 (2021) 111405

# Stent design



## Resistance

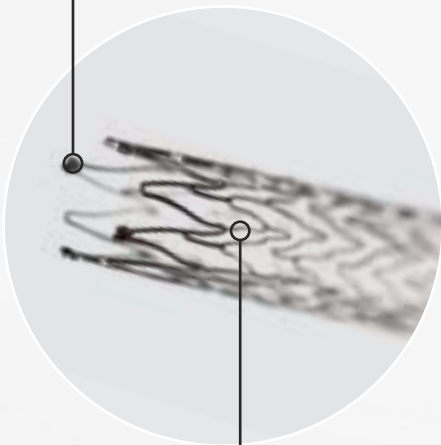
Stress homogeneously distributed to avoid stent fracture

## Flexibility

Open cell design to offer the highest flexibility

## Visibility

4 tantalum markers at each end



## No flaking

Avoids vessel wall damage



## No jumping effect

Closed cell design ends for deployment stability

## Anti-kinking

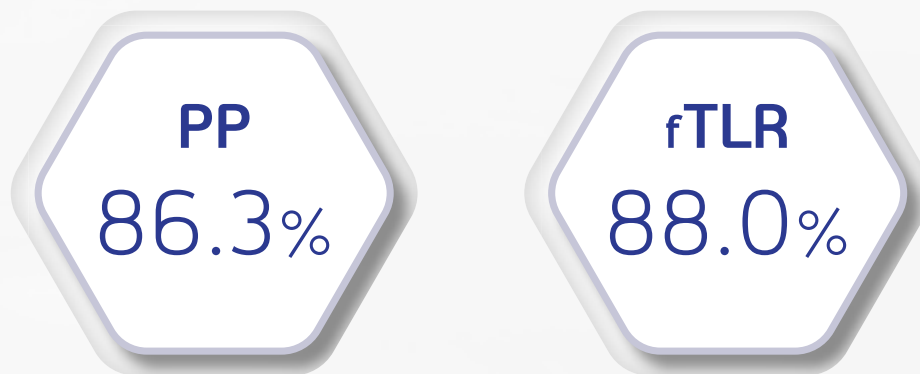
Maintains inner lumen

# Clinical e

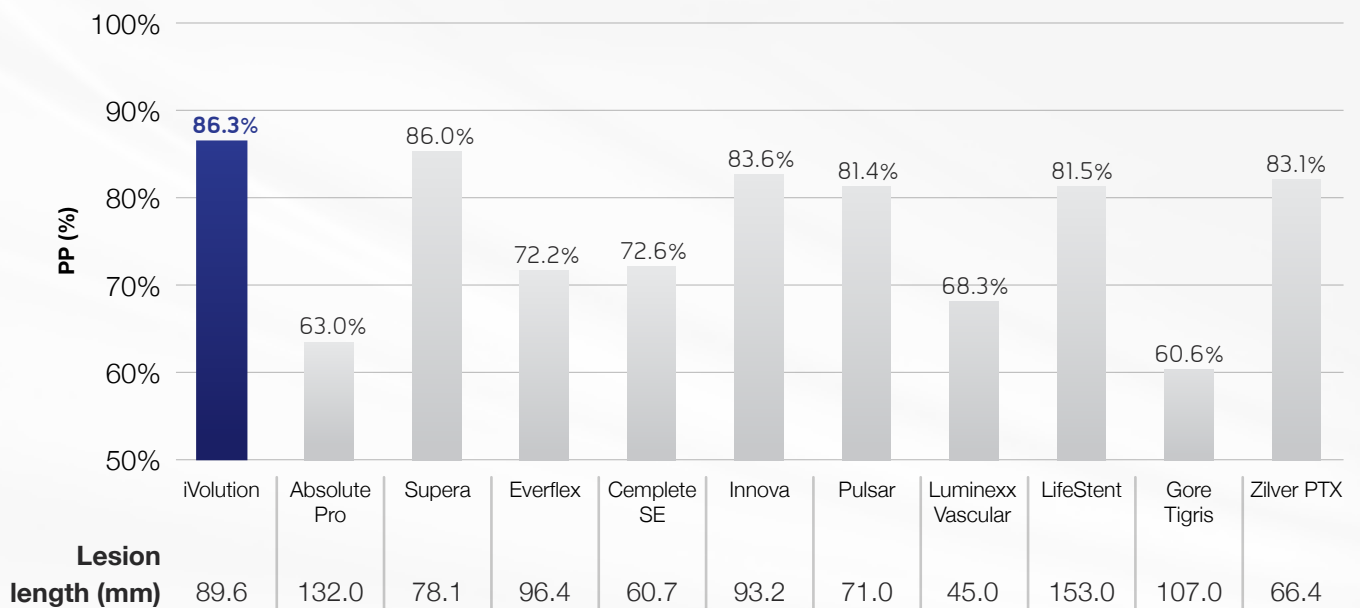
## Highest efficacy outcomes

### EVOLUTION Trial<sup>1</sup>

- Physician-initiated, prospective, and multicentric trial, investigating the efficacy of iVolution
- PI: Dr Marc Bosiers
- N:120 patients
- Symptomatic (Rutherford 2-4) femoropopliteal arterial stenotic or occlusive lesions.
- Follow-up: 1 year



Primary patency comparison





# evidence

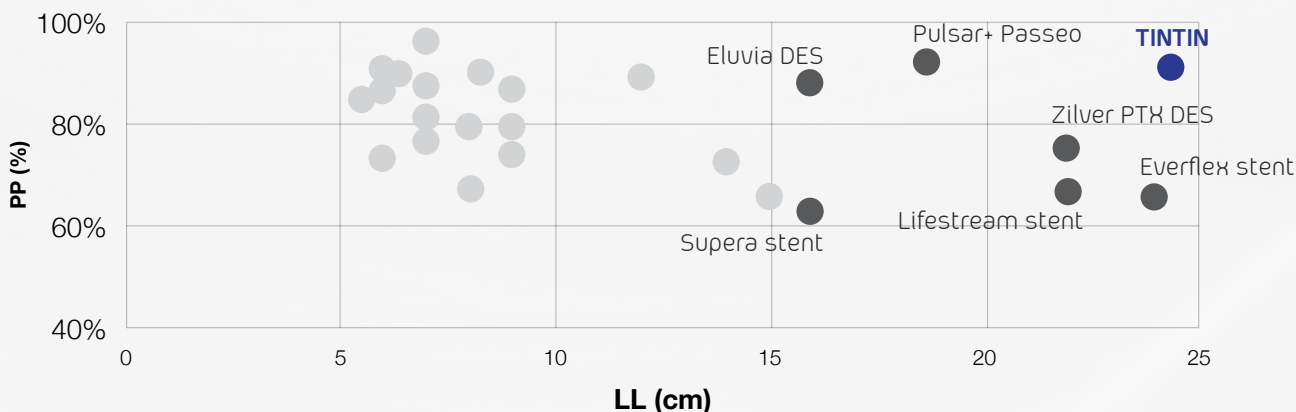
## in femoropopliteal arteries

### TINTIN Trial (1-year follow-up)<sup>2</sup>

- Physician initiated, prospective, multi-center trial, investigating the safety and efficacy of the treatment with Luminor and iVolution
- PI: Dr Koen Deloose
- N: 100 patients
- TASC C and D femoropopliteal atherosclerotic lesions
- Follow-up: 1, 2, 3, 4 and 5 years



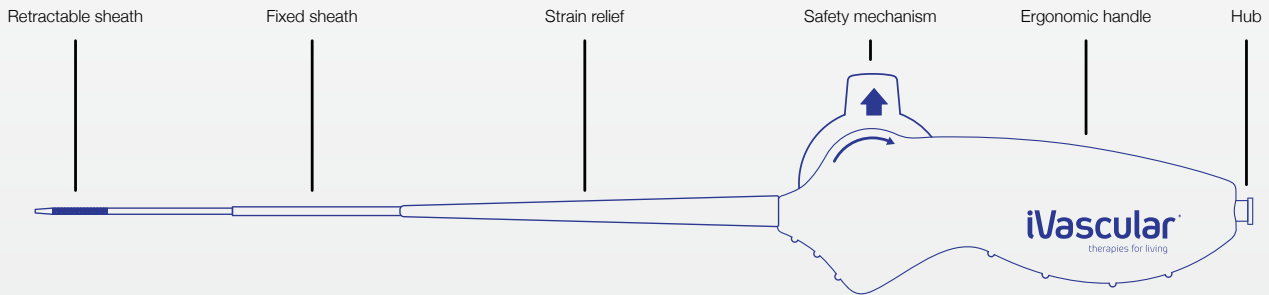
Comparison of main lesion length vs PP at 1-year follow up between 26 trials



<sup>1</sup> M Bosiers et al. EVOLUTION Study: 12-month results. 2019 Aug;60(4):490-495. <sup>2</sup> K Deloose. LINC 2020 presentation

# iVolution pro features

- > **Triple sheath** catheter
- > Catheter length: **80** and **130** cm
- > Introducer compatibility: **6F**
- > Guiding catheter compatibility: **8F**
- > Portfolio:
  - Ø: 5-10mm
  - Length: 40-200mm
- > Guidewire compatibility: **0.035"**



Product with CE mark, certified by Notified Body 0318

Usable catheter length (cm)	Stent Diameter (mm)	Stent length (mm)					
		40	60	80	100	150	200
80	5	SPNBC35N080050040	SPNBC35N080050060	SPNBC35N080050080	SPNBC35N080050100	SPNBC35N080050150	SPNBC35N080050200
	6	SPNBC35N080060040	SPNBC35N080060060	SPNBC35N080060080	SPNBC35N080060100	SPNBC35N080060150	SPNBC35N080060200
	7	SPNBC35N080070040	SPNBC35N080070060	SPNBC35N080070080	SPNBC35N080070100	SPNBC35N080070150	SPNBC35N080070200
	8	SPNBC35N080080040	SPNBC35N080080060	SPNBC35N080080080	SPNBC35N080080100	SPNBC35N080080150	-
	9	SPNBC35N080090040	SPNBC35N080090060	SPNBC35N080090080	SPNBC35N080090100	-	-
	10	SPNBC35N080100040	SPNBC35N080100060	SPNBC35N080100080	SPNBC35N080100100	-	-
130	5	SPNBC35N130050040	SPNBC35N130050060	SPNBC35N130050080	SPNBC35N130050100	SPNBC35N130050150	SPNBC35N130050200
	6	SPNBC35N130060040	SPNBC35N130060060	SPNBC35N130060080	SPNBC35N130060100	SPNBC35N130060150	SPNBC35N130060200
	7	SPNBC35N130070040	SPNBC35N130070060	SPNBC35N130070080	SPNBC35N130070100	SPNBC35N130070150	SPNBC35N130070200
	8	SPNBC35N130080040	SPNBC35N130080060	SPNBC35N130080080	SPNBC35N130080100	SPNBC35N130080150	-
	9	SPNBC35N130090040	SPNBC35N130090060	SPNBC35N130090080	SPNBC35N130090100	-	-
	10	SPNBC35N130100040	SPNBC35N130100060	SPNBC35N130100080	SPNBC35N130100100	-	-

The availability of each reference for the sale is linked to the authorization of commercialization in the country of destination

Introducer compatibility: **6F**

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Manufactured by:

**Life Vascular Devices Biotech S.L**  
[www.ivascular.global](http://www.ivascular.global)  
[info@ivascular.global](mailto:info@ivascular.global)

# iCover

Peripheral balloon expandable  
PTFE covered stent system

Designed to  
cover all needs



[www.ivascular.global](http://www.ivascular.global)

**iVascular**<sup>®</sup>  
therapies for living

# Able to treat the most tortuous arteries

## iCover

Designed to cover all needs

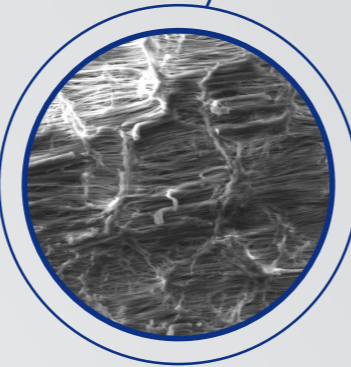
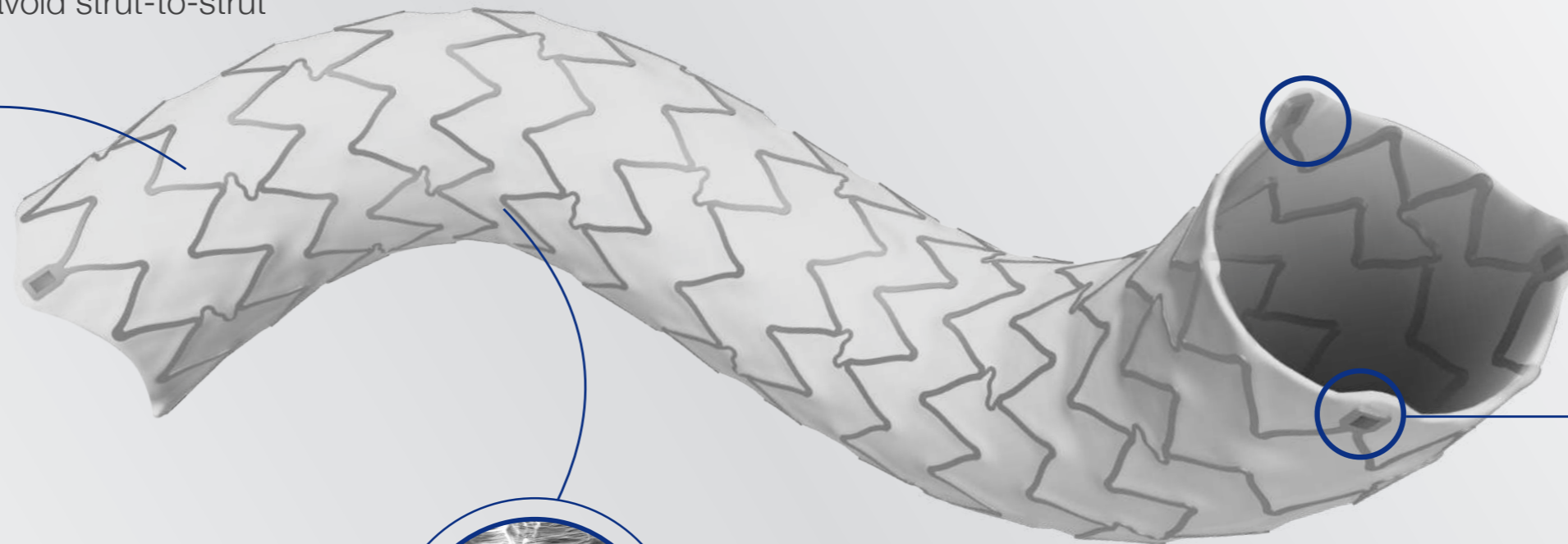
### Enhanced visibility

Unique stent with radiopaque markers to facilitate the implantation and the post-dilation

### ePTFE covered stent with high flexibility

Due to:

- Open cell design and alternated links
- Nested peaks to avoid strut-to-strut contact



### Best in class post-expansion capacity ( $\geq 2\text{mm}$ )

High ePTFE porosity to ensure covered stent post-expansion capacity



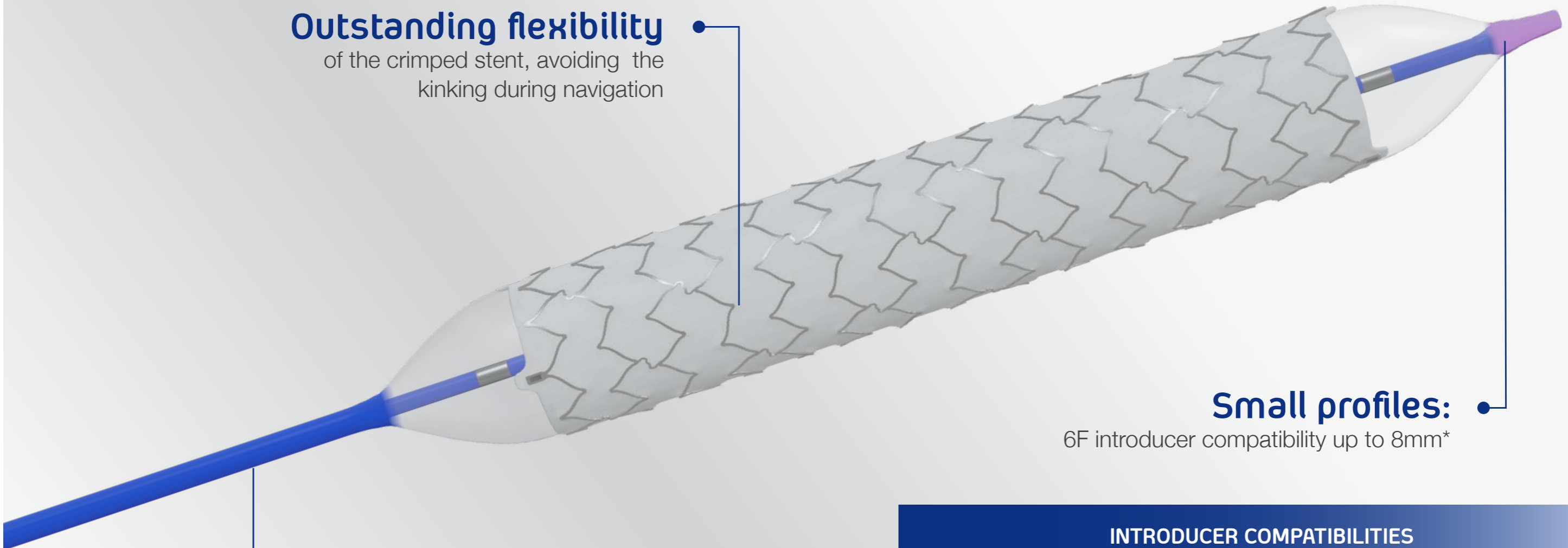
STENT DIMENSIONS		MAXIMUM POST-EXPANSION DIAMETERS					
		STENT DIAMETERS (mm)					
		5	6	7	8	9	10
STENT LENGTH (mm)	17	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;"> <math>\leq 10\text{mm}</math> </div> <div style="border: 1px solid black; padding: 5px;"> <math>\leq 12\text{mm}</math> </div> </div>					
	27						
	37						
	57						

# Excellent navigability and easy to implant

**iCover**  
Designed to cover all needs

## Outstanding flexibility

of the crimped stent, avoiding the kinking during navigation



## Small profiles:

6F introducer compatibility up to 8mm\*

## Crimped on an Oceanus 35 PTA balloon, offering:

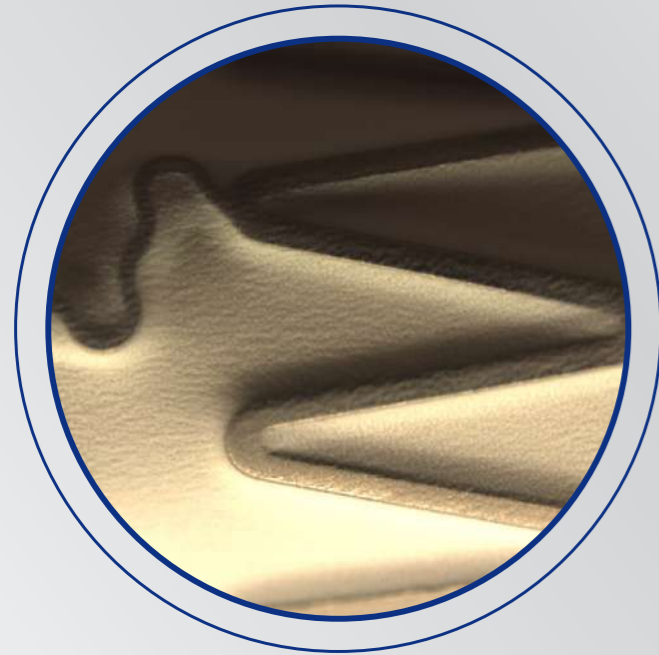
- Short deflation times
- Good pushability and trackability

		INTRODUCER COMPATIBILITIES					
STENT DIMENSIONS		STENT DIAMETERS (mm)					
		5	6	7	8	9	10
STENT LENGTH (mm)	17						
	27						
	37	6F			7F		
	57	6F			7F		

\* 6F up to 8x17 mm and 7F from 8x27mm up to 10 mm.

# iVascular proprietary encapsulation technology

**iCover**  
Designed to cover all needs



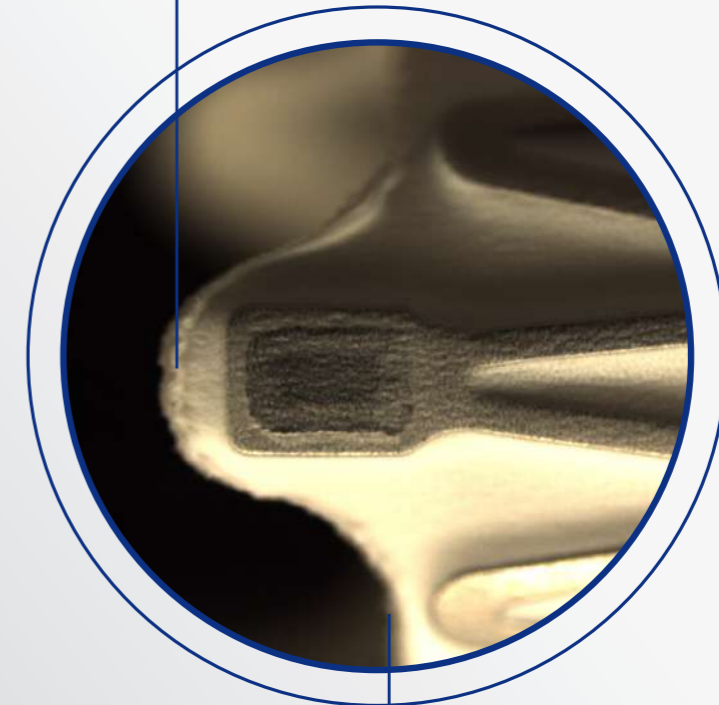
## Encapsulation technology

iCover is a stent completely encapsulated with 2 ePTFE layers



## Specific ePTFE laser cutting technology

• Perfect sealing



The laser follows the stent outline while cutting the contour



Proprietary technology to encapsulate the stent into an inner and outer ePTFE layer

**Ensures complete encapsulation avoiding delamination**

# iCover features

- > Over the wire catheter (OTW)
- > Guidewire compatibility: **0.035"**
- > Catheter length: **80** and **140** cm
- > NP: 9 atm
- > RBP:
  - Ø 5-7mm: 15 atm
  - Ø 8mm: 14 atm
  - Ø 9-10mm: 13 atm
- > Maximum post-expansion:
  - Ø 5-8mm: ≤10mm
  - Ø 9-10mm: ≤ 12mm
- > CoverTech encapsulation technology
- > Introducer compatibility  
**6F** (up to Ø8mm, L 17mm), **7F** (≥8mmØ, L27mm)
- > **3 radiopaque markers** at each stent end
- > Stent material: CoCr L605
- > Graft material: ePTFE
- > Recoil: ≤ 10 %
- > Shortening:
  - Length 17mm: ≤ 12 %
  - Length 57mm: ≤ 8 %

Product with CE mark, certified by Notified Body 0318

Effective catheter length (cm)	Stent diameter (mm)	Stent length (mm)			
		17	27	37	57
80	5	SPCBCC35080050017	SPCBCC35080050027	SPCBCC35080050037	SPCBCC35080050057
	6	SPCBCC35080060017	SPCBCC35080060027	SPCBCC35080060037	SPCBCC35080060057
	7	SPCBCC35080070017	SPCBCC35080070027	SPCBCC35080070037	SPCBCC35080070057
	8	SPCBCC35080080017	SPCBCC35080080027	SPCBCC35080080037	SPCBCC35080080057
	9		SPCBCC35080090027	SPCBCC35080090037	SPCBCC35080090057
	10		SPCBCC35080100027	SPCBCC35080100037	SPCBCC35080100057
140	5	SPCBCC35140050017	SPCBCC35140050027	SPCBCC35140050037	SPCBCC35140050057
	6	SPCBCC35140060017	SPCBCC35140060027	SPCBCC35140060037	SPCBCC35140060057
	7	SPCBCC35140070017	SPCBCC35140070027	SPCBCC35140070037	SPCBCC35140070057
	8	SPCBCC35140080017	SPCBCC35140080027	SPCBCC35140080037	SPCBCC35140080057
	9		SPCBCC35140090027	SPCBCC35140090037	SPCBCC35140090057
	10		SPCBCC35140100027	SPCBCC35140100037	SPCBCC35140100057

● Introducer compatibility: **6F**   ● Introducer compatibility: **7F**

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