



LYNX PTA BALLOON CATHETERS

ILLUMENATING EXPERTISE

Customized, turnkey PTA solutions designed by engineering authorities for brighter outcomes





ILLUMINATING

KNOW-HOW

By combining the latest production technology with more than 20 years of engineering expertise, the ARTHESYS™ LYNX catheter serves the complex needs of OEMs, hospitals and doctors.

**With the ARTHESYS LYNX
PTA Balloon Catheters,
you'll benefit from:**

- 4 generations of PTCA catheter design and development
- 2 decades of global market insights
- Proprietary processes and machines
 - Fully integrated technology from raw material to finished products
 - Precise balloon manufacturing process
 - Thermo-welding balloon process for better cross and slimmer profile



20

years of
market insights

4

PTCA
generations

ARTHESYS™ LYNX PTA BALLOON CATHETERS

Next generation technology backed by decades of expertise

ILLUMENATING

PERFORMANCE

PUSHABILITY

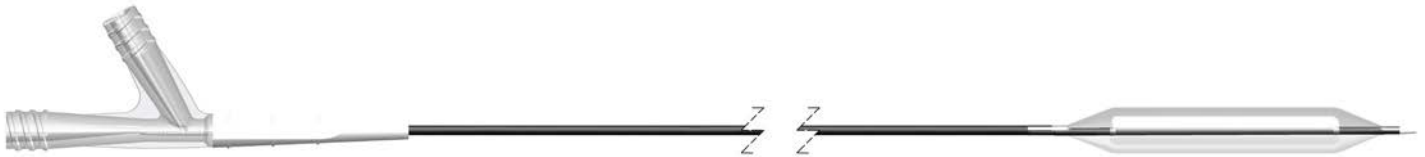
Catheter design with progressive flexibility prevents kinking and ensures atraumatic progression through the stenosis.

MULTIPLE APPLICATIONS

LYNX may be used with a drug-coated balloon or as a stent delivery system.

NAVIGABILITY

Hydrophilic coating and innovative shaft material provide for smooth progression to the lesion.



WITHDRAWAL

Slim profile coupled with a 6 fold balloon deflation makes even the largest balloons easy to withdraw.

OPTIMIZATION

Choose from four configurations for Renal, Iliac, Femoral, Popliteal, Infra-Popliteal, Fistulae procedures.

- LYNX 14 RX & LYNX 35 OTW: 80 or 140 cm shaft length
- LYNX 14 OTW & LYNX 18 OTW: 80 or 145 cm shaft length

CROSSABILITY

Low balloon profile and soft tapered tip optimize the opportunity to reach the most difficult lesion at the point furthest from entry.

ILLUMENATING

SERVICES

R&D SUPPORT

Increased market access with our R&D support:

- Technical assistance
- Unique stent crimping expertise
- Design prototyping and product development support
- Assistance with industrialization and preparation for mass production

CUSTOMIZATION

Customization Tool Box allows the creation of turnkey solutions matched to customer requirements:

- Balloon length
- Marker band distance length
- Strain relief customization
- Shaft color
- Packaging
- Label
- IFU

REGULATORY SUPPORT

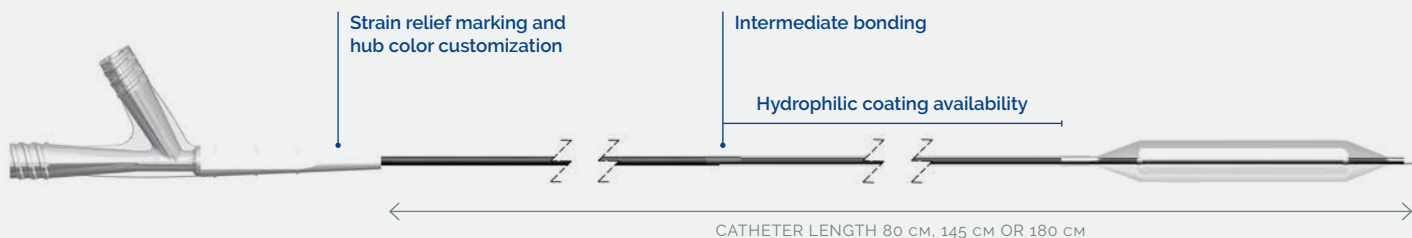
Dedicated Regulatory Affairs department offers unsurpassed support:

- Client CE certification support enables quicker market penetration
- Client assistance in international product registration

Choose from four configurations for

RENAL, ILIAC, FEMORAL, POPLITEAL, INFRA-POPLITEAL, FISTULAE, BELOW THE KNEE PROCEDURES

LYNX 14 OTW *Over the wire solution with 0.014" guidewire compatibility*

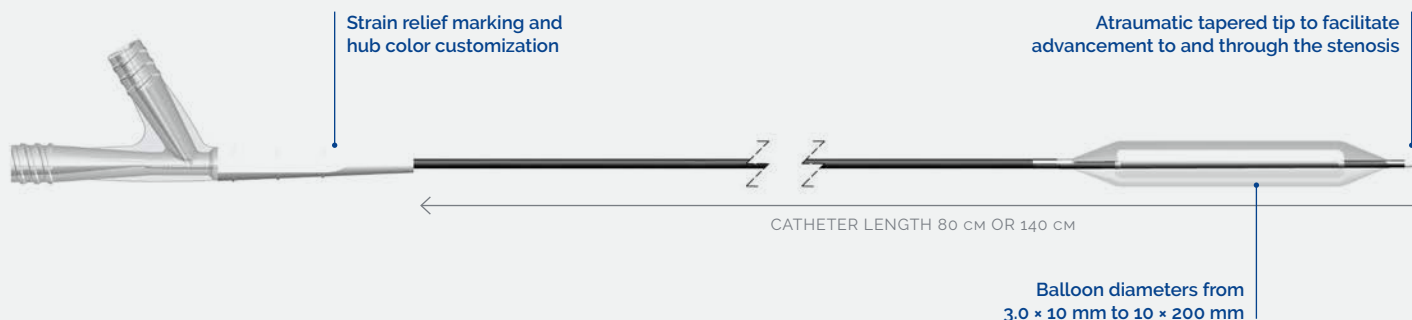


RATED BURST PRESSURE

		BALLOON DIAMETER (MM)								
		2.0	2.25	2.5	2.75	3.0	3.5	4.0	4.5	5.0
BALLOON LENGTH (MM)	8	16 Bars								
	10									
	20									
	30									
	40	14 Bars								
	60									
	80									
	100									
	120									
	150									
200										

- Min sheath ID compatibility from 1.47 to 1.80 mm—4F to 5F
- Guidewire 0.014"
- Available sizes
 - Diameter from 2.0 mm to 5.0 mm
 - Length from 8 mm to 200 mm
- Semi Compliant polyamide balloon with nominal pressure at 6 bars
- Crossing profile* from 0.7 mm to 1.00 mm
- Coaxial tubing construction

LYNX 35 OTW *Over the wire solution with 0.035" guidewire compatibility*



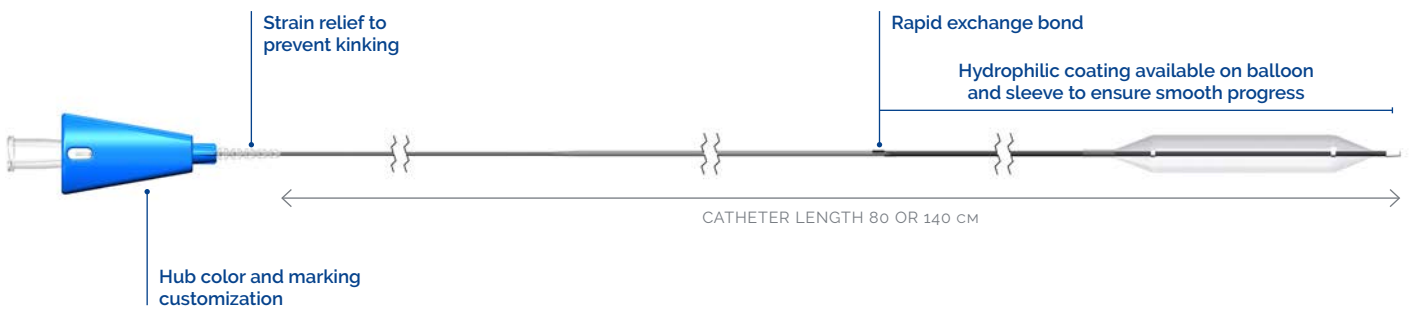
RATED BURST PRESSURE

		BALLOON DIAMETER (MM)								
		3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
BALLOON LENGTH (MM)	10	16 Bars							12 Bars	
	20									
	30									
	40	14 Bars							12 Bars	
	60									
	70									
	71									
	80	12 Bars			10 Bars					
	100									
	120									
150										
180										
200										

- Min sheath ID compatibility from 1.9 to 2.5 mm—5F to 7F
- Guidewire 0.035"
- Available sizes
 - Diameter from 3.0 mm to 10.0 mm
 - Length from 10 mm to 200 mm
- Semi Compliant polyamide balloon with nominal pressure at 6 bars
- Crossing profile* from 1.40 mm to 2.05 mm
- Double lumen construction

*Crossing profile defined as the maximum diameter between proximal limit of the balloon and distal limit of the tip.

LYNX 14 RX *Rapid exchange solution with 0.014" guidewire compatibility*

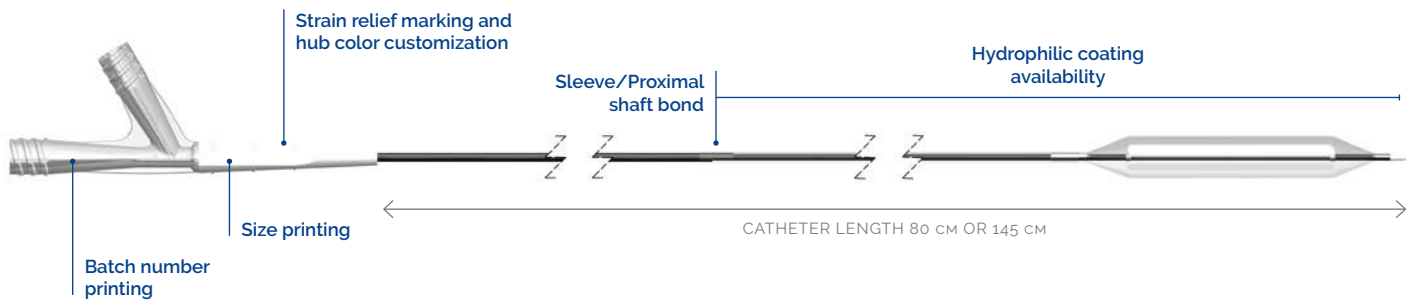


RATED BURST PRESSURE

LENGTH (MM)	DIAMETER (MM)									
	2.0	2.25	2.5	2.75	3.0	3.5	4.0	4.5	5.0	6.0
8	16 Bars									
20										
30										
40										
60	14 Bars									
80										
130										
140										
160	12 Bars									
190										
200										

- Min sheath ID compatibility from 1.47 to 2.06 mm—4F to 6F
- Guidewire 0.014"
- Available sizes
 - Diameter from 2.0 mm to 7.0 mm
 - Length from 8 mm to 200 mm
- Semi Compliant polyamide balloon with nominal pressure at 6 bars
- Crossing profile* from 0.65 mm to 1.65 mm
- Tip entry profile from 0.54 mm to 0.84 mm
- RX construction

LYNX 18 OTW *Over the wire solution with 0.018" guidewire compatibility*



RATED BURST PRESSURE

BALLOON LENGTH (MM)	BALLOON DIAMETER (MM)								
	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0	8.0
8	16 Bars						14 Bars		
10									
20									
30									
40	14 Bars						12 Bars		
60									
80									
100									
120	12 Bars						10 Bars		
150									
200									

- Min sheath ID compatibility from 1.50 mm to 2.20 mm—4F to 6F
- Guidewire 0.018"
- Available sizes
 - Diameter from 2.0 mm to 8.0 mm
 - Length from 8 mm to 200 mm
- Semi Compliant polyamide balloon with nominal pressure at 6 bars
- Crossing profile from 0.8 mm to 1.60 mm
- Coaxial tubing construction

*Crossing profile defined as the maximum diameter between proximal limit of the balloon and distal limit of the tip.



Q Medical Devices is part of Q, a global leader in elastomer technology. We design, develop, and produce a wide range of high-performance endosurgery, cardio & vascular medical devices, as well as components and subassemblies. We provide OEM medical device solutions and branded product lines. Our services also include supply chain management, regulatory and quality affairs, private labeling and commercialization—customized to meet your needs. Q Medical Devices consists of Qure Medical™ and three product lines: ARTHESYS™, BIOMETRIX™, and DEGANIA™.



ARTHESYS

ARTHESYS is a globally recognized innovator of cardio and vascular solutions. ARTHESYS designs, develops, and manufactures customized **PTCA catheters, PTA catheters, Aspiration Catheters and Y-Connectors**. ARTHESYS services also include robust R&D, regulatory affairs and industrialization support to optimize speed to market.

Q Global Footprint



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