



Product Catalogue **2017**

This catalogue includes information about the product line Tsunamed of QualiMed Innovative Medizinprodukte GmbH that are available in over 50 countries meanwhile. Contact QualiMed for more information about product approvals in your region.

Product pricing and additional information are available through our country representative. Availability and specifications are subject to change. Indications, contraindications and warnings are content of the instructions for use which is supplied with each device. Please contact us for more information.

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Tsunamed was launched in January of 2010 following a business expansion project and utilizing our manufacturing partners with over 15 years of production and development expertise in Germany. Our primary focus is to create an alliance of global distribution partners and their associated physicians, to develop new technology and existing products for the patients they treat.

Our primary focus is to create an alliance of global distribution partners and their associated physicians, to develop new technology with existing products for the patients they treat. By aligning ourselves with world key opinion leading medical practitioners in Interventional Cardiology, Peripheral Vascular and Non Vascular Specialties, we aspire to create medical devices "Created by Physicians for Physicians."

As a part of an extensive development programme, we continually advance our engineering limits, as we strive to achieve the ever demanding requirements to provide doctors with enhanced technologies in the areas of Biodegradables, Drug Device combination products, catheters for delivery and treatment applications and mechanical implants.

We are actively seeking new and innovative development ideas and physicians that want to assist us in developing technology through ideas, various pre-clinical research, and clinical trials. Currently we are distributing products in 40 countries and are actively seeking skilled partners in Europe, Asia, the Middle East, Latin America, Australia & New Zealand to broaden our expanding global reach.

Mission

Our mission is to be a global designer, developer, and manufacturer of innovative mechanical, catheter, drug device combination, and biodegradable implant technology used in the minimally invasive medical device industry.

Vision

Our vision is to enhance clinical care for the doctors and patients who benefit from the development of new technologies, whose creation challenge our employees to achieve their very best through the utilization of a guided methodology in an open creative work environment.

Values

Quality
Trust
Innovation
Flexibility
Integrity
Commitment
Consistency
Diversity

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Interventional Cardiology



MAGMA Rapamycin-Eluting Coronary Stent System

with Bio-Absorbable Polymer Coating

The Rapamycin Drug-Eluting Coronary Stent System contains a fast absorbing biodegradable polymer coating and carbonized stent platform where the drug release simultaneous to polymer absorption takes place within 6 to 8 weeks to promote early re-endothelialization. Stent lengths are available from 10 mm up to 38 mm for all balloon diameters between 2.0 mm and 4.0 mm.

2 mm DIAMETER	
Product code	Length (mm)
MR2010	10
MR2014	14
MR2018	18
MR2024	24
MR2028	28
MR2034	34
MR2038	38

2.25 mm DIAMETER	
Product code	Length (mm)
MR2210	10
MR2214	14
MR2218	18
MR2224	24
MR2228	28
MR2234	34
MR2238	38

2.5 mm DIAMETER	
Product code	Length (mm)
MR2510	10
MR2514	14
MR2518	18
MR2524	24
MR2528	28
MR2534	34
MR2538	38

2.75 mm DIAMETER	
Product code	Length (mm)
MR2710	10
MR2714	14
MR2718	18
MR2724	24
MR2728	28
MR2734	34
MR2738	38

3 mm DIAMETER	
Product code	Length (mm)
MR3010	10
MR3014	14
MR3018	18
MR3024	24
MR3028	28
MR3034	34
MR3038	38

3.25 mm DIAMETER	
Product code	Length (mm)
MR3210	10
MR3214	14
MR3218	18
MR3224	24
MR3228	28
MR3234	34
MR3238	38

3.5 mm DIAMETER	
Product code	Length (mm)
MR3510	10
MR3514	14
MR3518	18
MR3524	24
MR3528	28
MR3534	34
MR3538	38

4 mm DIAMETER	
Product code	Length (mm)
MR4010	10
MR4014	14
MR4018	18
MR4024	24
MR4028	28
MR4034	34
MR4038	38

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Guiding Catheter	5 F
Entry Tip Profile	min 0.45 mm (0.018")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar - Ø 2.00 mm to Ø 3.50 mm and 16 bar - Ø 4.00 mm



SUNA Stent Delivery System - Cobalt Chromium

Hydrophilic Coated

The Cobalt Chromium Stent Delivery System is indicated to improve the vessel lumen in native coronary arteries and venous bypass graft. Stent length up to 38 mm for all balloon diameters between 2.0 mm to 4.0 mm including different quarter sizes.

2 mm DIAMETER

Product code	Length (mm)
CS2008H	8
CS2012H	12
CS2016H	16
CS2019H	19
CS2024H	24
CS2028H	28
CS2034H	34
CS2038H	38

2.25 mm DIAMETER

Product code	Length (mm)
CS2208H	8
CS2212H	12
CS2216H	16
CS2219H	19
CS2224H	24
CS2228H	28
CS2234H	34
CS2238H	38

2.5 mm DIAMETER

Product code	Length (mm)
CS2508H	8
CS2512H	12
CS2516H	16
CS2519H	19
CS2524H	24
CS2528H	28
CS2534H	34
CS2538H	38

2.75 mm DIAMETER

Product code	Length (mm)
CS2708H	8
CS2712H	12
CS2716H	16
CS2719H	19
CS2724H	24
CS2728H	28
CS2734H	34
CS2738H	38

3 mm DIAMETER

Product code	Length (mm)
CS3010H	10
CS3014H	14
CS3018H	18
CS3024H	24
CS3028H	28
CS3034H	34
CS3038H	38

3.25 mm DIAMETER

Product code	Length (mm)
CS3210H	10
CS3214H	14
CS3218H	18
CS3224H	24
CS3228H	28
CS3234H	34
CS3238H	38

3.5 mm DIAMETER

Product code	Length (mm)
CS3510H	10
CS3514H	14
CS3518H	18
CS3524H	24
CS3528H	28
CS3534H	34
CS3538H	38

4 mm DIAMETER

Product code	Length (mm)
CS4010H	10
CS4014H	14
CS4018H	18
CS4024H	24
CS4028H	28
CS4034H	34
CS4038H	38

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Guiding Catheter	5 F
Entry Tip Profile	min 0.45 mm (0.018")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	16 bar - 18 bar



EMITTER Drug-Eluting Balloon

Paclitaxel combined with BTHC

The Paclitaxel Drug-Eluting Balloon is a new technology developed to treat coronary arteries and especially restenosis. Paclitaxel combined with BTHC keeps Paclitaxel in micro-crystalline structure on a semi-compliant balloon with special folding to protect the Paclitaxel during vessel track.

1.5 mm DIAMETER

Product code	Length (mm)
DBM1510	10
DBM1515	15
DBM1520	20
DBM1525	25

2 mm DIAMETER

Product code	Length (mm)
DBM2010	10
DBM2015	15
DBM2020	20
DBM2025	25
DBM2030	30
DBM2035	35
DBM2040	40

2.25 mm DIAMETER

Product code	Length (mm)
DBM2210	10
DBM2215	15
DBM2220	20
DBM2225	25
DBM2230	30
DBM2235	35
DBM2240	40

2.5 mm DIAMETER

Product code	Length (mm)
DBM2510	10
DBM2515	15
DBM2520	20
DBM2525	25
DBM2530	30
DBM2535	35
DBM2540	40

2.75 mm DIAMETER

Product code	Length (mm)
DBM2710	10
DBM2715	15
DBM2720	20
DBM2725	25
DBM2730	30
DBM2735	35
DBM2740	40

3 mm DIAMETER

Product code	Length (mm)
DBM3010	10
DBM3015	15
DBM3020	20
DBM3025	25
DBM3030	30
DBM3035	35
DBM3040	40

3.5 mm DIAMETER

Product code	Length (mm)
DBM3510	10
DBM3515	15
DBM3520	20
DBM3525	25
DBM3530	30
DBM3535	35
DBM3540	40

4 mm DIAMETER

Product code	Length (mm)
DBM4010	10
DBM4015	15
DBM4020	20
DBM4025	25
DBM4030	30
DBM4035	35
DBM4040	40

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Guiding Catheter	5 F - 7 F
Nominal Pressure	6 bar
Rated Burst Pressure (RBP)	14 bar - 16 bar



JUTURNA-c PTCA Balloon Catheter

Hydrophilic Coated; Rx

The PTCA Balloon Catheter is a semi-compliant rapid exchange catheter and indicated for the luminal restoration of de novo and restenotic narrowings and occlusions of native coronary arteries for pre and post stent placement.

1.5 mm DIAMETER		2 mm DIAMETER		2.25 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
PC1510	10	PC2010	10	PC2210	10
PC1511	11	PC2011	11	PC2211	11
PC1512	12	PC2012	12	PC2212	12
PC1515	15	PC2015	15	PC2215	15
PC1516	16	PC2016	16	PC2216	16
PC1520	20	PC2020	20	PC2220	20
		PC2025	25	PC2225	25
		PC2030	30	PC2230	30
		PC2035	35	PC2235	35
		PC2040	40	PC2240	40

2.5 mm DIAMETER		2.75 mm DIAMETER		3 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
PC2510	10	PC2710	10	PC3010	10
PC2511	11	PC2711	11	PC3011	11
PC2512	12	PC2712	12	PC3012	12
PC2515	15	PC2715	15	PC3015	15
PC2516	16	PC2716	16	PC3016	16
PC2520	20	PC2720	20	PC3020	20
PC2525	25	PC2725	25	PC3025	25
PC2530	30	PC2730	30	PC3030	30
PC2535	35	PC2735	35	PC3035	35
PC2540	40	PC2740	40	PC3040	40

3.25 mm DIAMETER		3.5 mm DIAMETER		4 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
PC3210	10	PC3510	10	PC4010	10
PC3211	11	PC3511	11	PC4011	11
PC3212	12	PC3512	12	PC4012	12
PC3215	15	PC3515	15	PC4015	15
PC3216	16	PC3516	16	PC4016	16
PC3220	20	PC3520	20	PC4020	20
PC3225	25	PC3525	25	PC4025	25
PC3230	30	PC3530	30	PC4030	30
PC3235	35	PC3535	35	PC4035	35
PC3240	40	PC3540	40	PC4040	40

4.5 mm DIAMETER		5 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)
PC4511	11	PC5011	11
PC4512	12	PC5012	12
PC4516	16	PC5016	16
PC4520	20	PC5020	20
PC4525	25	PC5025	25
PC4530	30	PC5030	30
PC4535	35	PC5035	35
PC4540	40	PC5040	40

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Guiding Catheter	5 F
Entry Tip Profile	min 0.45 mm (0.018")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	14 bar – 18 bar



EMAX Aspiration Catheter

Hydrophilic Coated; Rx

1 French (F) = 0.333 mm

The Aspiration Catheter is a rapid exchange catheter used for the removal of thrombus and debris in the coronary or peripheral arteries via percutaneous suction.

5 F			GUIDING CATHETER (GC)
Product code	Configuration	Length (mm) ± 3	Usable Catheter Length (cm)
VX5HI5	Inner	75	141

6 F			GUIDING CATHETER (GC)
Product code	Configuration	Length (mm) ± 3	Usable Catheter Length (cm)
VX6HI5	Inner	75	141

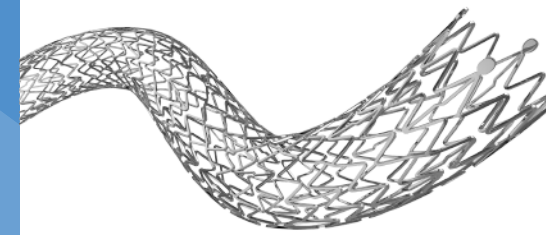
7 F			GUIDING CATHETER (GC)
Product code	Configuration	Length (mm) ± 3	Usable Catheter Length (cm)
VX7HI3	Inner	30	136.5

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Guiding Sheath	5 F is compatible with 4 F sheath, Min. sheath ID 1.40 mm 6 F / 7 F are compatible with 5 F sheath, Min. sheath ID 1.80 mm
Aspiration Port Opening	4.8 mm (0.189")
Entry Tip Diameter	>0.40 mm <0.50 mm
Catheter Type	Non-Braided
Strain Relief Guard	Provides ease of pushability and prevents kinking
Proximal Shaft Catheter	Supports tortuous anatomy – 300 mm strengthening of the proximal tube for more proximal stiffness
Components Included	• 30 ml polycarbonate locking syringes (x2) • Extension line with stopcock (x1) • 40 µm filter basket (x1)



Peripheral Vascular



NAVALIS Peripheral Vascular Self Expanding Stent System

Gun Handle

The Peripheral Vascular Self Expanding Stent System is designed to deliver a self-expanding nitinol stent to the peripheral vasculature via a sheathed delivery device with one handed delivery in lengths up to 150 mm.

Usable Catheter Length **80 cm**

6 mm		DIAMETER		7 mm		DIAMETER		8 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08 PS 06020	20	08 PS 07020	20	08 PS 08020	20						
08 PS 06040	40	08 PS 07040	40	08 PS 08040	40						
08 PS 06060	60	08 PS 07060	60	08 PS 08060	60						
08 PS 06080	80	08 PS 07080	80	08 PS 08080	80						
08 PS 06100	100	08 PS 07100	100	08 PS 08100	100						
08 PS 06120	120	08 PS 07120	120	08 PS 08120	120						
08 PS 06150	150	08 PS 07150	150	08 PS 08150	150						

9 mm		DIAMETER		10 mm		DIAMETER		11 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08 PS 09020	20	08 PS 10020	20	08 PS 11020	20						
08 PS 09040	40	08 PS 10040	40	08 PS 11040	40						
08 PS 09060	60	08 PS 10060	60	08 PS 11060	60						
08 PS 09080	80	08 PS 10080	80	08 PS 11080	80						
08 PS 09100	100	08 PS 10100	100	08 PS 11100	100						
08 PS 09120	120	08 PS 10120	120	08 PS 11120	120						
08 PS 09150	150	08 PS 10150	150	08 PS 11150	150						

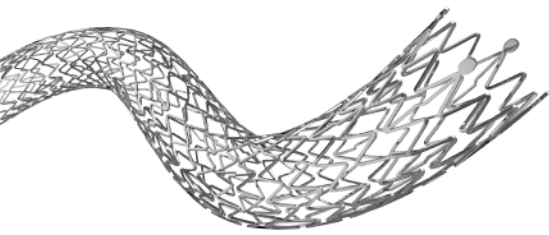
Usable Catheter Length **120 cm**

6 mm		DIAMETER		7 mm		DIAMETER		8 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12 PS 06020	20	12 PS 07020	20	12 PS 08020	20						
12 PS 06040	40	12 PS 07040	40	12 PS 08040	40						
12 PS 06060	60	12 PS 07060	60	12 PS 08060	60						
12 PS 06080	80	12 PS 07080	80	12 PS 08080	80						
12 PS 06100	100	12 PS 07100	100	12 PS 08100	100						
12 PS 06120	120	12 PS 07120	120	12 PS 08120	120						
12 PS 06150	150	12 PS 07150	150	12 PS 08150	150						

9 mm		DIAMETER		10 mm		DIAMETER		11 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12 PS 09020	20	12 PS 10020	20	12 PS 11020	20						
12 PS 09040	40	12 PS 10040	40	12 PS 11040	40						
12 PS 09060	60	12 PS 10060	60	12 PS 11060	60						
12 PS 09080	80	12 PS 10080	80	12 PS 11080	80						
12 PS 09100	100	12 PS 10100	100	12 PS 11100	100						
12 PS 09120	120	12 PS 10120	120	12 PS 11120	120						
12 PS 09150	150	12 PS 10150	150	12 PS 11150	150						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.90 mm)
Recommended Introducer	6 F
Delivery Device	One Handed Delivery System



NAVALIS-pp Peripheral Vascular Self Expanding Stent System

Pin Pull

The Peripheral Vascular Self Expanding Stent System is designed to deliver a self-expanding nitinol stent to the peripheral vasculature via a sheathed pin pull delivery device in lengths up to 200 mm.

Usable Catheter Length **80 cm**

6 mm DIAMETER		7 mm DIAMETER		8 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08 PPS 06020	20	08 PPS 07020	20	08 PPS 08020	20
08 PPS 06040	40	08 PPS 07040	40	08 PPS 08040	40
08 PPS 06060	60	08 PPS 07060	60	08 PPS 08060	60
08 PPS 06080	80	08 PPS 07080	80	08 PPS 08080	80
08 PPS 06100	100	08 PPS 07100	100	08 PPS 08100	100
08 PPS 06120	120	08 PPS 07120	120	08 PPS 08120	120
08 PPS 06150	150	08 PPS 07150	150	08 PPS 08150	150
08 PPS 06175	175	08 PPS 07175	175	08 PPS 08175	175
08 PPS 06200	200	08 PPS 07200	200	08 PPS 08200	200

9 mm DIAMETER		10 mm DIAMETER		11 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08 PPS 09020	20	08 PPS 10020	20	08 PPS 11020	20
08 PPS 09040	40	08 PPS 10040	40	08 PPS 11040	40
08 PPS 09060	60	08 PPS 10060	60	08 PPS 11060	60
08 PPS 09080	80	08 PPS 10080	80	08 PPS 11080	80
08 PPS 09100	100	08 PPS 10100	100	08 PPS 11100	100
08 PPS 09120	120	08 PPS 10120	120	08 PPS 11120	120
08 PPS 09150	150	08 PPS 10150	150	08 PPS 11150	150

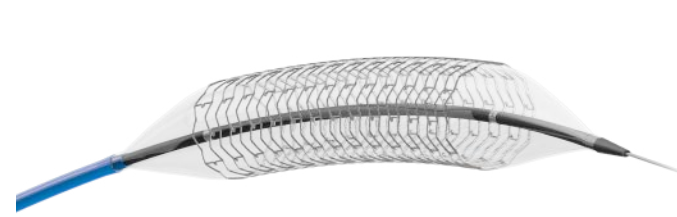
Usable Catheter Length **120 cm**

6 mm DIAMETER		7 mm DIAMETER		8 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12 PPS 06020	20	12 PPS 07020	20	12 PPS 08020	20
12 PPS 06040	40	12 PPS 07040	40	12 PPS 08040	40
12 PPS 06060	60	12 PPS 07060	60	12 PPS 08060	60
12 PPS 06080	80	12 PPS 07080	80	12 PPS 08080	80
12 PPS 06100	100	12 PPS 07100	100	12 PPS 08100	100
12 PPS 06120	120	12 PPS 07120	120	12 PPS 08120	120
12 PPS 06150	150	12 PPS 07150	150	12 PPS 08150	150
12 PPS 06175	175	12 PPS 07175	175	12 PPS 08175	175
12 PPS 06200	200	12 PPS 07200	200	12 PPS 08200	200

9 mm DIAMETER		10 mm DIAMETER		11 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12 PPS 09020	20	12 PPS 10020	20	12 PPS 11020	20
12 PPS 09040	40	12 PPS 10040	40	12 PPS 11040	40
12 PPS 09060	60	12 PPS 10060	60	12 PPS 11060	60
12 PPS 09080	80	12 PPS 10080	80	12 PPS 11080	80
12 PPS 09100	100	12 PPS 10100	100	12 PPS 11100	100
12 PPS 09120	120	12 PPS 10120	120	12 PPS 11120	120
12 PPS 09150	150	12 PPS 10150	150	12 PPS 11150	150

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.90 mm)
Recommended Introducer	6 F
Delivery Device	Pin Pull Delivery System



LITUS^{xi} Peripheral Balloon Expandable Stent System

7 F

Peripheral Balloon Expandable Stent System is a flexible, balloon-expandable stent, made of cobalt chromium alloy. It is mounted on an over-the-wire delivery system and is available in several diameters and lengths.

Usable Catheter Length **80 cm**

8 mm DIAMETER			9 mm DIAMETER		
Product code	Balloon (mm)	Stent (mm)	Product code	Balloon (mm)	Stent (mm)
08 QBX 08017	20	17	08 QBX 09017	20	17
08 QBX 08026	30	26	08 QBX 09026	30	26
08 QBX 08036	40	36	08 QBX 09036	40	36
08 QBX 08057	60	57	08 QBX 09057	60	57

10 mm DIAMETER		
Product code	Balloon (mm)	Stent (mm)
08 QBX 10017	20	17
08 QBX 10026	30	26
08 QBX 10036	40	36
08 QBX 10057	60	57

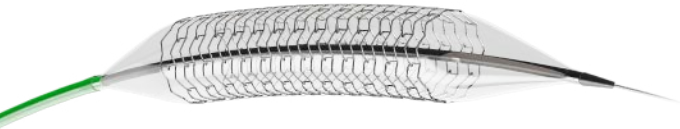
Usable Catheter Length **120 cm**

8 mm DIAMETER			9 mm DIAMETER		
Product code	Balloon (mm)	Stent (mm)	Product code	Balloon (mm)	Stent (mm)
12 QBX 08017	20	17	12 QBX 09017	20	17
12 QBX 08026	30	26	12 QBX 09026	30	26
12 QBX 08036	40	36	12 QBX 09036	40	36
12 QBX 08057	60	57	12 QBX 09057	60	57

10 mm DIAMETER		
Product code	Balloon (mm)	Stent (mm)
12 QBX 10017	20	17
12 QBX 10026	30	26
12 QBX 10036	40	36
12 QBX 10057	60	57

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.90 mm)
Recommended Introducer Sheath	7 F
Entry Tip Profile	min 0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	10 bar



LITUS^{Xi}- Peripheral Balloon Expandable Stent System

5 F

Peripheral Balloon Expandable Stent System is a flexible, balloon-expandable stent, made of cobalt chromium alloy. It is mounted on an over-the-wire delivery system and is available in several diameters and lengths.

Usable Catheter Length **80 cm**

5 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
08 QBX 050175F	20	17			
08 QBX 050265F	30	26			
08 QBX 050365F	40	36			
08 QBX 050575F	60	57			

6 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
08 QBX 060175F	20	17			
08 QBX 060265F	30	26			
08 QBX 060365F	40	36			
08 QBX 060575F	60	57			

7 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
08 QBX 070175F	20	17			
08 QBX 070265F	30	26			
08 QBX 070365F	40	36			
08 QBX 070575F	60	57			

8 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
08 QBX 080175F	20	17			
08 QBX 080265F	30	26			
08 QBX 080365F	40	36			
08 QBX 080575F	60	57			

9 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
08 QBX 090175F	20	17			
08 QBX 090265F	30	26			
08 QBX 090365F	40	36			
08 QBX 090575F	60	57			

10 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
08 QBX 100175F	20	17			
08 QBX 100265F	30	26			
08 QBX 100365F	40	36			
08 QBX 100575F	60	57			

Usable Catheter Length **135 cm**

5 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
13 QBX 050175F	20	17			
13 QBX 050265F	30	26			
13 QBX 050365F	40	36			
13 QBX 050575F	60	57			

6 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
13 QBX 060175F	20	17			
13 QBX 060265F	30	26			
13 QBX 060365F	40	36			
13 QBX 060575F	60	57			

7 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
13 QBX 070175F	20	17			
13 QBX 070265F	30	26			
13 QBX 070365F	40	36			
13 QBX 070575F	60	57			

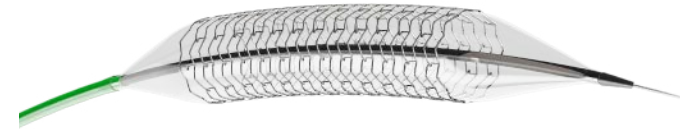
8 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
13 QBX 080175F	20	17			
13 QBX 080265F	30	26			
13 QBX 080365F	40	36			
13 QBX 080575F	60	57			

9 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
13 QBX 090175F	20	17			
13 QBX 090265F	30	26			
13 QBX 090365F	40	36			
13 QBX 090575F	60	57			

10 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
13 QBX 100175F	20	17			
13 QBX 100265F	30	26			
13 QBX 100365F	40	36			
13 QBX 100575F	60	57			

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.018" (0.45 mm)
Recommended Introducer Sheath	5 F
Entry Tip Profile	0.50 mm (0.020")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	Ø 5 to 7 mm = 18 bar Ø 8 mm = 16 bar Ø 9 to 10 mm = 13 bar



LITUS^{Xi}- Peripheral Balloon Expandable Stent System

5 F

Peripheral Balloon Expandable Stent System is a flexible, balloon-expandable stent, made of cobalt chromium alloy. It is mounted on an over-the-wire delivery system and is available in several diameters and lengths.

Usable Catheter Length **190 cm**

5 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
19 QBX 050175F	20	17			
19 QBX 050265F	30	26			
19 QBX 050365F	40	36			
19 QBX 050575F	60	57			

6 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
19 QBX 060175F	20	17			
19 QBX 060265F	30	26			
19 QBX 060365F	40	36			
19 QBX 060575F	60	57			

7 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
19 QBX 070175F	20	17			
19 QBX 070265F	30	26			
19 QBX 070365F	40	36			
19 QBX 070575F	60	57			

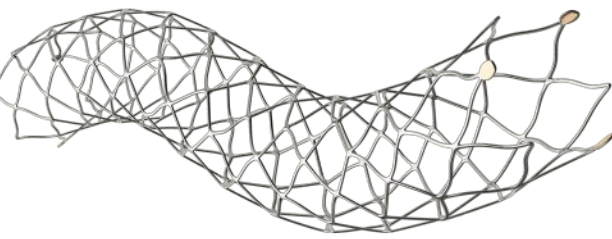
8 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
19 QBX 080175F	20	17			
19 QBX 080265F	30	26			
19 QBX 080365F	40	36			
19 QBX 080575F	60	57			

9 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
19 QBX 090175F	20	17			
19 QBX 090265F	30	26			
19 QBX 090365F	40	36			
19 QBX 090575F	60	57			

10 mm			DIAMETER		
Product code	Balloon (mm)	Stent (mm)			
19 QBX 100175F	20	17			
19 QBX 100265F	30	26			
19 QBX 100365F	40	36			
19 QBX 100575F	60	57			

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.018" (0.45 mm)
Recommended Introducer Sheath	5 F
Entry Tip Profile	0.50 mm (0.020")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	Ø 5 to 7 mm = 18 bar Ø 8 mm = 16 bar Ø 9 to 10 mm = 13 bar



TECTUS BTK Stent - Self-Expandable

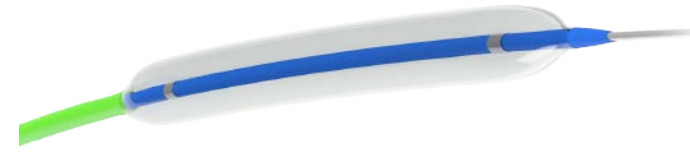
Below the Knee

The Self-expandable Stent (BTK) is a self-expanding, laser-cut Nitinol stent, preloaded onto a transport wire in an introducer. The stent is intended for use in the treatment of peripheral artery obstruction or in cases of insufficient results after PTA (Percutaneous transluminal angioplasty) e.g. residual stenosis or dissection due to arteriosclerotic plaque material or restenosis.

3.5 mm		DIAMETER		4.5 mm		DIAMETER	
Product code	Stent (mm)	Product code	Stent (mm)	Product code	Stent (mm)	Product code	Stent (mm)
BTK3515	15	BTK4515	15	BTK4535	35	BTK4535	35
BTK3535	35						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Introducer Sheath	4 F - 5 F
Entry Tip Profile	0.45 mm (0.018")
Recommended Vessel Diameter	• 2.0 – 3.0 mm for 3.5 mm stent diameter • 3.0 – 4.0 mm for 4.5 mm stent diameter
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.014"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **120 cm**

1.25 mm		DIAMETER		1.5 mm		DIAMETER		2 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12PVQ012010CPO	10	12PVQ015010CPO	10	12PVQ020010CPO	10						
12PVQ012015CPO	15	12PVQ015015CPO	15	12PVQ020015CPO	15						
12PVQ012020CPO	20	12PVQ015020CPO	20	12PVQ020020CPO	20						
12PVQ012030CPO	30	12PVQ015030CPO	30	12PVQ020030CPO	30						
12PVQ012040CPO	40	12PVQ015040CPO	40	12PVQ020040CPO	40						
12PVQ012060CPO	60	12PVQ015060CPO	60	12PVQ020060CPO	60						
12PVQ012080CPO	80	12PVQ015080CPO	80	12PVQ020080CPO	80						
12PVQ012100CPO	100	12PVQ015100CPO	100	12PVQ020100CPO	100						
12PVQ012120CPO	120	12PVQ015120CPO	120	12PVQ020120CPO	120						
12PVQ012140CPO	140	12PVQ015140CPO	140	12PVQ020140CPO	140						
12PVQ012150CPO	150	12PVQ015150CPO	150	12PVQ020150CPO	150						
12PVQ012170CPO	170	12PVQ015170CPO	170	12PVQ020170CPO	170						
12PVQ012200CPO	200	12PVQ015200CPO	200	12PVQ020200CPO	200						
12PVQ012220CPO	220	12PVQ015220CPO	220	12PVQ020220CPO	220						
12PVQ012250CPO	250	12PVQ015250CPO	250	12PVQ020250CPO	250						
12PVQ012280CPO	280	12PVQ015280CPO	280	12PVQ020280CPO	280						

2.5 mm		DIAMETER		3 mm		DIAMETER		3.5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12PVQ025010CPO	10	12PVQ030010CPO	10	12PVQ035010CPO	10						
12PVQ025015CPO	15	12PVQ030015CPO	15	12PVQ035015CPO	15						
12PVQ025020CPO	20	12PVQ030020CPO	20	12PVQ035020CPO	20						
12PVQ025030CPO	30	12PVQ030030CPO	30	12PVQ035030CPO	30						
12PVQ025040CPO	40	12PVQ030040CPO	40	12PVQ035040CPO	40						
12PVQ025060CPO	60	12PVQ030060CPO	60	12PVQ035060CPO	60						
12PVQ025080CPO	80	12PVQ030080CPO	80	12PVQ035080CPO	80						
12PVQ025100CPO	100	12PVQ030100CPO	100	12PVQ035100CPO	100						
12PVQ025120CPO	120	12PVQ030120CPO	120	12PVQ035120CPO	120						
12PVQ025140CPO	140	12PVQ030140CPO	140	12PVQ035140CPO	140						
12PVQ025150CPO	150	12PVQ030150CPO	150	12PVQ035150CPO	150						
12PVQ025170CPO	170	12PVQ030170CPO	170	12PVQ035170CPO	170						
12PVQ025200CPO	200	12PVQ030200CPO	200	12PVQ035200CPO	200						
12PVQ025220CPO	220	12PVQ030220CPO	220	12PVQ035220CPO	220						
12PVQ025250CPO	250	12PVQ030250CPO	250	12PVQ035250CPO	250						
12PVQ025280CPO	280	12PVQ030280CPO	280	12PVQ035280CPO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Introducer Sheath	4 F – up to Ø 4.5 mm 5 F – for Ø 5.0 mm
Entry Tip Profile	0.45 mm (0.018")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.014"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **120 cm**

4 mm		DIAMETER		4.5 mm		DIAMETER		5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12PVQ040010CPO	10	12PVQ045010CPO	10	12PVQ050010CPO	10	12PVQ040015CPO	15	12PVQ045015CPO	15	12PVQ050015CPO	15
12PVQ040020CPO	20	12PVQ045020CPO	20	12PVQ050020CPO	20	12PVQ040030CPO	30	12PVQ045030CPO	30	12PVQ050030CPO	30
12PVQ040040CPO	40	12PVQ045040CPO	40	12PVQ050040CPO	40	12PVQ040060CPO	60	12PVQ045060CPO	60	12PVQ050060CPO	60
12PVQ040080CPO	80	12PVQ045080CPO	80	12PVQ050080CPO	80	12PVQ040100CPO	100	12PVQ045100CPO	100	12PVQ050100CPO	100
12PVQ040120CPO	120	12PVQ045120CPO	120	12PVQ050120CPO	120	12PVQ040140CPO	140	12PVQ045140CPO	140	12PVQ050140CPO	140
12PVQ040150CPO	150	12PVQ045150CPO	150	12PVQ050150CPO	150	12PVQ040170CPO	170	12PVQ045170CPO	170	12PVQ050170CPO	170
12PVQ040200CPO	200	12PVQ045200CPO	200	12PVQ050200CPO	200	12PVQ040220CPO	220	12PVQ045220CPO	220	12PVQ050220CPO	220
12PVQ040250CPO	250	12PVQ045250CPO	250	12PVQ050250CPO	250	12PVQ040280CPO	280	12PVQ045280CPO	280	12PVQ050280CPO	280

Usable Catheter Length **150 cm**

1.25 mm		DIAMETER		1.5 mm		DIAMETER		2 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
15PVQ012010CPO	10	15PVQ015010CPO	10	15PVQ020010CPO	10	15PVQ040010CPO	10	15PVQ045010CPO	10	15PVQ050010CPO	10
15PVQ012015CPO	15	15PVQ015015CPO	15	15PVQ020015CPO	15	15PVQ040015CPO	15	15PVQ045015CPO	15	15PVQ050015CPO	15
15PVQ012020CPO	20	15PVQ015020CPO	20	15PVQ020020CPO	20	15PVQ040020CPO	20	15PVQ045020CPO	20	15PVQ050020CPO	20
15PVQ012030CPO	30	15PVQ015030CPO	30	15PVQ020030CPO	30	15PVQ040030CPO	30	15PVQ045030CPO	30	15PVQ050030CPO	30
15PVQ012040CPO	40	15PVQ015040CPO	40	15PVQ020040CPO	40	15PVQ040040CPO	40	15PVQ045040CPO	40	15PVQ050040CPO	40
15PVQ012060CPO	60	15PVQ015060CPO	60	15PVQ020060CPO	60	15PVQ040060CPO	60	15PVQ045060CPO	60	15PVQ050060CPO	60
15PVQ012080CPO	80	15PVQ015080CPO	80	15PVQ020080CPO	80	15PVQ040080CPO	80	15PVQ045080CPO	80	15PVQ050080CPO	80
15PVQ012100CPO	100	15PVQ015100CPO	100	15PVQ020100CPO	100	15PVQ040100CPO	100	15PVQ045100CPO	100	15PVQ050100CPO	100
15PVQ012120CPO	120	15PVQ015120CPO	120	15PVQ020120CPO	120	15PVQ040120CPO	120	15PVQ045120CPO	120	15PVQ050120CPO	120
15PVQ012140CPO	140	15PVQ015140CPO	140	15PVQ020140CPO	140	15PVQ040140CPO	140	15PVQ045140CPO	140	15PVQ050140CPO	140
15PVQ012150CPO	150	15PVQ015150CPO	150	15PVQ020150CPO	150	15PVQ040150CPO	150	15PVQ045150CPO	150	15PVQ050150CPO	150
15PVQ012170CPO	170	15PVQ015170CPO	170	15PVQ020170CPO	170	15PVQ040170CPO	170	15PVQ045170CPO	170	15PVQ050170CPO	170
15PVQ012200CPO	200	15PVQ015200CPO	200	15PVQ020200CPO	200	15PVQ040200CPO	200	15PVQ045200CPO	200	15PVQ050200CPO	200
15PVQ012220CPO	220	15PVQ015220CPO	220	15PVQ020220CPO	220	15PVQ040220CPO	220	15PVQ045220CPO	220	15PVQ050220CPO	220
15PVQ012250CPO	250	15PVQ015250CPO	250	15PVQ020250CPO	250	15PVQ040250CPO	250	15PVQ045250CPO	250	15PVQ050250CPO	250
15PVQ012280CPO	280	15PVQ015280CPO	280	15PVQ020280CPO	280	15PVQ040280CPO	280	15PVQ045280CPO	280	15PVQ050280CPO	280

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Introducer Sheath	4 F – up to Ø 4.5 mm 5 F – for Ø 5.0 mm
Entry Tip Profile	0.45 mm (0.018")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.014"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **150 cm**

2.5 mm		DIAMETER		3 mm		DIAMETER		3.5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
15PVQ025010CPO	10	15PVQ030010CPO	10	15PVQ035010CPO	10	15PVQ025015CPO	15	15PVQ030015CPO	15	15PVQ035015CPO	15
15PVQ025020CPO	20	15PVQ030020CPO	20	15PVQ035020CPO	20	15PVQ025030CPO	30	15PVQ030030CPO	30	15PVQ035030CPO	30
15PVQ025040CPO	40	15PVQ030040CPO	40	15PVQ035040CPO	40	15PVQ025060CPO	60	15PVQ030060CPO	60	15PVQ035060CPO	60
15PVQ025080CPO	80	15PVQ030080CPO	80	15PVQ035080CPO	80	15PVQ025100CPO	100	15PVQ030100CPO	100	15PVQ035100CPO	100
15PVQ025120CPO	120	15PVQ030120CPO	120	15PVQ035120CPO	120	15PVQ025140CPO	140	15PVQ030140CPO	140	15PVQ035140CPO	140
15PVQ025150CPO	150	15PVQ030150CPO	150	15PVQ035150CPO	150	15PVQ025170CPO	170	15PVQ030170CPO	170	15PVQ035170CPO	170
15PVQ025200CPO	200	15PVQ030200CPO	200	15PVQ035200CPO	200	15PVQ025220CPO	220	15PVQ030220CPO	220	15PVQ035220CPO	220
15PVQ025250CPO	250	15PVQ030250CPO	250	15PVQ035250CPO	250	15PVQ025280CPO	280	15PVQ030280CPO	280	15PVQ035280CPO	280

4 mm		DIAMETER		4.5 mm		DIAMETER		5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
15PVQ040010CPO	10	15PVQ045010CPO	10	15PVQ050010CPO	10	15PVQ040015CPO	15	15PVQ045015CPO	15	15PVQ050015CPO	15
15PVQ040020CPO	20	15PVQ045020CPO	20	15PVQ050020CPO	20	15PVQ040030CPO	30	15PVQ045030CPO	30	15PVQ050030CPO	30
15PVQ040040CPO	40	15PVQ045040CPO	40	15PVQ050040CPO	40	15PVQ040060CPO	60	15PVQ045060CPO	60	15PVQ050060CPO	60
15PVQ040080CPO	80	15PVQ045080CPO	80	15PVQ050080CPO	80	15PVQ040100CPO	100	15PVQ045100CPO	100	15PVQ050100CPO	100
15PVQ040120CPO	120	15PVQ045120CPO	120	15PVQ050120CPO	120	15PVQ040140CPO	140	15PVQ045140CPO	140	15PVQ050140CPO	140
15PVQ040150CPO	150	15PVQ045150CPO	150	15PVQ050150CPO	150	15PVQ040170CPO	170	15PVQ045170CPO	170	15PVQ050170CPO	170
15PVQ040200CPO	200	15PVQ045200CPO	200	15PVQ050200CPO	200	15PVQ040220CPO	220	15PVQ045220CPO	220	15PVQ050220CPO	220
15PVQ040250CPO	250	15PVQ045250CPO	250	15PVQ050250CPO	250	15PVQ040280CPO	280	15PVQ045280CPO	280	15PVQ050280CPO	280

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Introducer Sheath	4 F – up to Ø 4.5 mm 5 F – for Ø 5.0 mm
Entry Tip Profile	0.45 mm (0.018")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.018"

Semi-Compliant – Hydrophilic Coated; OTWw

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **80 cm**

2 mm		2.5 mm		3 mm	
Product code	DIAMETER Length (mm)	Product code	DIAMETER Length (mm)	Product code	DIAMETER Length (mm)
08PVQ020010BPO	10	08PVQ025010BPO	10	08PVQ030010BPO	10
08PVQ020015BPO	15	08PVQ025015BPO	15	08PVQ030015BPO	15
08PVQ020020BPO	20	08PVQ025020BPO	20	08PVQ030020BPO	20
08PVQ020030BPO	30	08PVQ025030BPO	30	08PVQ030030BPO	30
08PVQ020040BPO	40	08PVQ025040BPO	40	08PVQ030040BPO	40
08PVQ020060BPO	60	08PVQ025060BPO	60	08PVQ030060BPO	60
08PVQ020080BPO	80	08PVQ025080BPO	80	08PVQ030080BPO	80
08PVQ020100BPO	100	08PVQ025100BPO	100	08PVQ030100BPO	100
08PVQ020120BPO	120	08PVQ025120BPO	120	08PVQ030120BPO	120
08PVQ020150BPO	150	08PVQ025150BPO	150	08PVQ030150BPO	150
08PVQ020200BPO	200	08PVQ025200BPO	200	08PVQ030200BPO	200
08PVQ020220BPO	220	08PVQ025220BPO	220	08PVQ030220BPO	220
08PVQ020280BPO	280	08PVQ025280BPO	280	08PVQ030280BPO	280

3.5 mm		4 mm		4.5 mm	
Product code	DIAMETER Length (mm)	Product code	DIAMETER Length (mm)	Product code	DIAMETER Length (mm)
08PVQ035010BPO	10	08PVQ040010BPO	10	08PVQ045010BPO	10
08PVQ035015BPO	15	08PVQ040015BPO	15	08PVQ045015BPO	15
08PVQ035020BPO	20	08PVQ040020BPO	20	08PVQ045020BPO	20
08PVQ035030BPO	30	08PVQ040030BPO	30	08PVQ045030BPO	30
08PVQ035040BPO	40	08PVQ040040BPO	40	08PVQ045040BPO	40
08PVQ035060BPO	60	08PVQ040060BPO	60	08PVQ045060BPO	60
08PVQ035080BPO	80	08PVQ040080BPO	80	08PVQ045080BPO	80
08PVQ035100BPO	100	08PVQ040100BPO	100	08PVQ045100BPO	100
08PVQ035120BPO	120	08PVQ040120BPO	120	08PVQ045120BPO	120
08PVQ035150BPO	150	08PVQ040150BPO	150	08PVQ045150BPO	150
08PVQ035200BPO	200	08PVQ040200BPO	200	08PVQ045200BPO	200
08PVQ035220BPO	220	08PVQ040220BPO	220	08PVQ045220BPO	220
08PVQ035280BPO	280	08PVQ040280BPO	280	08PVQ045280BPO	280

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.018" (0.46 mm)
Recommended Introducer Sheath	4 F – up to Ø 4.5 mm 5 F – for Ø 5.0 mm to 6.0 mm 6 F – for Ø 6.5 mm to 7.0 mm
Entry Tip Profile	0.50 mm (0.020")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.018"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **80 cm**

5 mm		5.5 mm		6 mm	
Product code	DIAMETER Length (mm)	Product code	DIAMETER Length (mm)	Product code	DIAMETER Length (mm)
08PVQ050010BPO	10	08PVQ055010BPO	10	08PVQ060010BPO	10
08PVQ050015BPO	15	08PVQ055015BPO	15	08PVQ060015BPO	15
08PVQ050020BPO	20	08PVQ055020BPO	20	08PVQ060020BPO	20
08PVQ050030BPO	30	08PVQ055030BPO	30	08PVQ060030BPO	30
08PVQ050040BPO	40	08PVQ055040BPO	40	08PVQ060040BPO	40
08PVQ050060BPO	60	08PVQ055060BPO	60	08PVQ060060BPO	60
08PVQ050080BPO	80	08PVQ055080BPO	80	08PVQ060080BPO	80
08PVQ050100BPO	100	08PVQ055100BPO	100	08PVQ060100BPO	100
08PVQ050120BPO	120	08PVQ055120BPO	120	08PVQ060120BPO	120
08PVQ050150BPO	150	08PVQ055150BPO	150	08PVQ060150BPO	150
08PVQ050200BPO	200	08PVQ055200BPO	200	08PVQ060200BPO	200
08PVQ050220BPO	220	08PVQ055220BPO	220	08PVQ060220BPO	220
08PVQ050280BPO	280	08PVQ055280BPO	280	08PVQ060280BPO	280

6.5 mm		7 mm	
Product code	DIAMETER Length (mm)	Product code	DIAMETER Length (mm)
08PVQ065010BPO	10	08PVQ070010BPO	10
08PVQ065015BPO	15	08PVQ070015BPO	15
08PVQ065020BPO	20	08PVQ070020BPO	20
08PVQ065030BPO	30	08PVQ070030BPO	30
08PVQ065040BPO	40	08PVQ070040BPO	40
08PVQ065060BPO	60	08PVQ070060BPO	60
08PVQ065080BPO	80	08PVQ070080BPO	80
08PVQ065100BPO	100	08PVQ070100BPO	100
08PVQ065120BPO	120	08PVQ070120BPO	120
08PVQ065150BPO	150	08PVQ070150BPO	150
08PVQ065200BPO	200	08PVQ070200BPO	200
08PVQ065220BPO	220	08PVQ070220BPO	220
08PVQ065280BPO	280	08PVQ070280BPO	280

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.018" (0.46 mm)
Recommended Introducer Sheath	4 F – up to Ø 4.5 mm 5 F – for Ø 5.0 mm to 6.0 mm 6 F – for Ø 6.5 mm to 7.0 mm
Entry Tip Profile	0.50 mm (0.020")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.018"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **135 cm**

2 mm		DIAMETER		2.5 mm		DIAMETER		3 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
13PVQ020010BPO	10	13PVQ025010BPO	10	13PVQ030010BPO	10						
13PVQ020015BPO	15	13PVQ025015BPO	15	13PVQ030015BPO	15						
13PVQ020020BPO	20	13PVQ025020BPO	20	13PVQ030020BPO	20						
13PVQ020030BPO	30	13PVQ025030BPO	30	13PVQ030030BPO	30						
13PVQ020040BPO	40	13PVQ025040BPO	40	13PVQ030040BPO	40						
13PVQ020060BPO	60	13PVQ025060BPO	60	13PVQ030060BPO	60						
13PVQ020080BPO	80	13PVQ025080BPO	80	13PVQ030080BPO	80						
13PVQ020100BPO	100	13PVQ025100BPO	100	13PVQ030100BPO	100						
13PVQ020120BPO	120	13PVQ025120BPO	120	13PVQ030120BPO	120						
13PVQ020150BPO	150	13PVQ025150BPO	150	13PVQ030150BPO	150						
13PVQ020200BPO	200	13PVQ025200BPO	200	13PVQ030200BPO	200						
13PVQ020220BPO	220	13PVQ025220BPO	220	13PVQ030220BPO	220						
13PVQ020280BPO	280	13PVQ025280BPO	280	13PVQ030280BPO	280						

3.5 mm		DIAMETER		4 mm		DIAMETER		4.5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
13PVQ035010BPO	10	13PVQ040010BPO	10	13PVQ045010BPO	10						
13PVQ035015BPO	15	13PVQ040015BPO	15	13PVQ045015BPO	15						
13PVQ035020BPO	20	13PVQ040020BPO	20	13PVQ045020BPO	20						
13PVQ035030BPO	30	13PVQ040030BPO	30	13PVQ045030BPO	30						
13PVQ035040BPO	40	13PVQ040040BPO	40	13PVQ045040BPO	40						
13PVQ035060BPO	60	13PVQ040060BPO	60	13PVQ045060BPO	60						
13PVQ035080BPO	80	13PVQ040080BPO	80	13PVQ045080BPO	80						
13PVQ035100BPO	100	13PVQ040100BPO	100	13PVQ045100BPO	100						
13PVQ035120BPO	120	13PVQ040120BPO	120	13PVQ045120BPO	120						
13PVQ035150BPO	150	13PVQ040150BPO	150	13PVQ045150BPO	150						
13PVQ035200BPO	200	13PVQ040200BPO	200	13PVQ045200BPO	200						
13PVQ035220BPO	220	13PVQ040220BPO	220	13PVQ045220BPO	220						
13PVQ035280BPO	280	13PVQ040280BPO	280	13PVQ045280BPO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.018" (0.46 mm)
Recommended Introducer Sheath	4 F – up to Ø 4.5 mm 5 F – for Ø 5.0 mm to 6.0 mm 6 F – for Ø 6.5 mm to 7.0 mm
Entry Tip Profile	0.50 mm (0.020")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.018"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **135 cm**

5 mm		DIAMETER		5.5 mm		DIAMETER		6 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
13PVQ050010BPO	10	13PVQ055010BPO	10	13PVQ060010BPO	10						
13PVQ050015BPO	15	13PVQ055015BPO	15	13PVQ060015BPO	15						
13PVQ050020BPO	20	13PVQ055020BPO	20	13PVQ060020BPO	20						
13PVQ050030BPO	30	13PVQ055030BPO	30	13PVQ060030BPO	30						
13PVQ050040BPO	40	13PVQ055040BPO	40	13PVQ060040BPO	40						
13PVQ050060BPO	60	13PVQ055060BPO	60	13PVQ060060BPO	60						
13PVQ050080BPO	80	13PVQ055080BPO	80	13PVQ060080BPO	80						
13PVQ050100BPO	100	13PVQ055100BPO	100	13PVQ060100BPO	100						
13PVQ050120BPO	120	13PVQ055120BPO	120	13PVQ060120BPO	120						
13PVQ050150BPO	150	13PVQ055150BPO	150	13PVQ060150BPO	150						
13PVQ050200BPO	200	13PVQ055200BPO	200	13PVQ060200BPO	200						
13PVQ050220BPO	220	13PVQ055220BPO	220	13PVQ060220BPO	220						
13PVQ050280BPO	280	13PVQ055280BPO	280	13PVQ060280BPO	280						

6.5 mm		DIAMETER		7 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
13PVQ065010BPO	10	13PVQ070010BPO	10				
13PVQ065015BPO	15	13PVQ070015BPO	15				
13PVQ065020BPO	20	13PVQ070020BPO	20				
13PVQ065030BPO	30	13PVQ070030BPO	30				
13PVQ065040BPO	40	13PVQ070040BPO	40				
13PVQ065060BPO	60	13PVQ070060BPO	60				
13PVQ065080BPO	80	13PVQ070080BPO	80				
13PVQ065100BPO	100	13PVQ070100BPO	100				
13PVQ065120BPO	120	13PVQ070120BPO	120				
13PVQ065150BPO	150	13PVQ070150BPO	150				
13PVQ065200BPO	200	13PVQ070200BPO	200				
13PVQ065220BPO	220	13PVQ070220BPO	220				
13PVQ065280BPO	280	13PVQ070280BPO	280				

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.018" (0.46 mm)
Recommended Introducer Sheath	4 F – up to Ø 4.5 mm 5 F – for Ø 5.0 mm to 6.0 mm 6 F – for Ø 6.5 mm to 7.0 mm
Entry Tip Profile	0.50 mm (0.020")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	18 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **80 cm**

3 mm		DIAMETER		3.5 mm		DIAMETER		4 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08PVQ030010APO	10	08PVQ035010APO	10	08PVQ040010APO	10						
08PVQ030015APO	15	08PVQ035015APO	15	08PVQ040015APO	15						
08PVQ030020APO	20	08PVQ035020APO	20	08PVQ040020APO	20						
08PVQ030030APO	30	08PVQ035030APO	30	08PVQ040030APO	30						
08PVQ030040APO	40	08PVQ035040APO	40	08PVQ040040APO	40						
08PVQ030060APO	60	08PVQ035060APO	60	08PVQ040060APO	60						
08PVQ030080APO	80	08PVQ035080APO	80	08PVQ040080APO	80						
08PVQ030100APO	100	08PVQ035100APO	100	08PVQ040100APO	100						
08PVQ030120APO	120	08PVQ035120APO	120	08PVQ040120APO	120						
08PVQ030150APO	150	08PVQ035150APO	150	08PVQ040150APO	150						
08PVQ030180APO	180	08PVQ035180APO	180	08PVQ040180APO	180						
08PVQ030200APO	200	08PVQ035200APO	200	08PVQ040200APO	200						
08PVQ030220APO	220	08PVQ035220APO	220	08PVQ040220APO	220						
08PVQ030280APO	280	08PVQ035280APO	280	08PVQ040280APO	280						

4.5 mm		DIAMETER		5 mm		DIAMETER		5.5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08PVQ045010APO	10	08PVQ050010APO	10	08PVQ055010APO	10						
08PVQ045015APO	15	08PVQ050015APO	15	08PVQ055015APO	15						
08PVQ045020APO	20	08PVQ050020APO	20	08PVQ055020APO	20						
08PVQ045030APO	30	08PVQ050030APO	30	08PVQ055030APO	30						
08PVQ045040APO	40	08PVQ050040APO	40	08PVQ055040APO	40						
08PVQ045060APO	60	08PVQ050060APO	60	08PVQ055060APO	60						
08PVQ045080APO	80	08PVQ050080APO	80	08PVQ055080APO	80						
08PVQ045100APO	100	08PVQ050100APO	100	08PVQ055100APO	100						
08PVQ045120APO	120	08PVQ050120APO	120	08PVQ055120APO	120						
08PVQ045150APO	150	08PVQ050150APO	150	08PVQ055150APO	150						
08PVQ045180APO	180	08PVQ050180APO	180	08PVQ055180APO	180						
08PVQ045200APO	200	08PVQ050200APO	200	08PVQ055200APO	200						
08PVQ045220APO	220	08PVQ050220APO	220	08PVQ055220APO	220						
08PVQ045280APO	280	08PVQ050280APO	280	08PVQ055280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **80 cm**

6 mm		DIAMETER		7 mm		DIAMETER		8 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08PVQ060010APO	10	08PVQ070010APO	10	08PVQ080010APO	10						
08PVQ060015APO	15	08PVQ070015APO	15	08PVQ080015APO	15						
08PVQ060020APO	20	08PVQ070020APO	20	08PVQ080020APO	20						
08PVQ060030APO	30	08PVQ070030APO	30	08PVQ080030APO	30						
08PVQ060040APO	40	08PVQ070040APO	40	08PVQ080040APO	40						
08PVQ060060APO	60	08PVQ070060APO	60	08PVQ080060APO	60						
08PVQ060080APO	80	08PVQ070080APO	80	08PVQ080080APO	80						
08PVQ060100APO	100	08PVQ070100APO	100	08PVQ080100APO	100						
08PVQ060120APO	120	08PVQ070120APO	120	08PVQ080120APO	120						
08PVQ060150APO	150	08PVQ070150APO	150	08PVQ080150APO	150						
08PVQ060180APO	180	08PVQ070180APO	180	08PVQ080180APO	180						
08PVQ060200APO	200	08PVQ070200APO	200	08PVQ080200APO	200						
08PVQ060220APO	220	08PVQ070220APO	220	08PVQ080220APO	220						
08PVQ060280APO	280	08PVQ070280APO	280	08PVQ080280APO	280						

9 mm		DIAMETER		10 mm		DIAMETER		12 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
08PVQ090010APO	10	08PVQ100010APO	10	08PVQ120010APO	10						
08PVQ090015APO	15	08PVQ100015APO	15	08PVQ120015APO	15						
08PVQ090020APO	20	08PVQ100020APO	20	08PVQ120020APO	20						
08PVQ090030APO	30	08PVQ100030APO	30	08PVQ120030APO	30						
08PVQ090040APO	40	08PVQ100040APO	40	08PVQ120040APO	40						
08PVQ090060APO	60	08PVQ100060APO	60	08PVQ120060APO	60						
08PVQ090080APO	80	08PVQ100080APO	80	08PVQ120080APO	80						
08PVQ090100APO	100	08PVQ100100APO	100	08PVQ120100APO	100						
08PVQ090120APO	120	08PVQ100120APO	120	08PVQ120120APO	120						
08PVQ090150APO	150	08PVQ100150APO	150	08PVQ120150APO	150						
08PVQ090180APO	180	08PVQ100180APO	180	08PVQ120180APO	180						
08PVQ090200APO	200	08PVQ100200APO	200	08PVQ120200APO	200						
08PVQ090220APO	220	08PVQ100220APO	220	08PVQ120220APO	220						
08PVQ090280APO	280	08PVQ100280APO	280	08PVQ120280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **120 cm**

3 mm		DIAMETER		3.5 mm		DIAMETER		4 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12PVQ030010APO	10	12PVQ035010APO	10	12PVQ040010APO	10						
12PVQ030015APO	15	12PVQ035015APO	15	12PVQ040015APO	15						
12PVQ030020APO	20	12PVQ035020APO	20	12PVQ040020APO	20						
12PVQ030030APO	30	12PVQ035030APO	30	12PVQ040030APO	30						
12PVQ030040APO	40	12PVQ035040APO	40	12PVQ040040APO	40						
12PVQ030060APO	60	12PVQ035060APO	60	12PVQ040060APO	60						
12PVQ030080APO	80	12PVQ035080APO	80	12PVQ040080APO	80						
12PVQ030100APO	100	12PVQ035100APO	100	12PVQ040100APO	100						
12PVQ030120APO	120	12PVQ035120APO	120	12PVQ040120APO	120						
12PVQ030150APO	150	12PVQ035150APO	150	12PVQ040150APO	150						
12PVQ030180APO	180	12PVQ035180APO	180	12PVQ040180APO	180						
12PVQ030200APO	200	12PVQ035200APO	200	12PVQ040200APO	200						
12PVQ030220APO	220	12PVQ035220APO	220	12PVQ040220APO	220						
12PVQ030280APO	280	12PVQ035280APO	280	12PVQ040280APO	280						

4.5 mm		DIAMETER		5 mm		DIAMETER		5.5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12PVQ045010APO	10	12PVQ050010APO	10	12PVQ055010APO	10						
12PVQ045015APO	15	12PVQ050015APO	15	12PVQ055015APO	15						
12PVQ045020APO	20	12PVQ050020APO	20	12PVQ055020APO	20						
12PVQ045030APO	30	12PVQ050030APO	30	12PVQ055030APO	30						
12PVQ045040APO	40	12PVQ050040APO	40	12PVQ055040APO	40						
12PVQ045060APO	60	12PVQ050060APO	60	12PVQ055060APO	60						
12PVQ045080APO	80	12PVQ050080APO	80	12PVQ055080APO	80						
12PVQ045100APO	100	12PVQ050100APO	100	12PVQ055100APO	100						
12PVQ045120APO	120	12PVQ050120APO	120	12PVQ055120APO	120						
12PVQ045150APO	150	12PVQ050150APO	150	12PVQ055150APO	150						
12PVQ045180APO	180	12PVQ050180APO	180	12PVQ055180APO	180						
12PVQ045200APO	200	12PVQ050200APO	200	12PVQ055200APO	200						
12PVQ045220APO	220	12PVQ050220APO	220	12PVQ055220APO	220						
12PVQ045280APO	280	12PVQ050280APO	280	12PVQ055280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **120 cm**

6 mm		DIAMETER		7 mm		DIAMETER		8 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12PVQ060010APO	10	12PVQ070010APO	10	12PVQ080010APO	10						
12PVQ060015APO	15	12PVQ070015APO	15	12PVQ080015APO	15						
12PVQ060020APO	20	12PVQ070020APO	20	12PVQ080020APO	20						
12PVQ060030APO	30	12PVQ070030APO	30	12PVQ080030APO	30						
12PVQ060040APO	40	12PVQ070040APO	40	12PVQ080040APO	40						
12PVQ060060APO	60	12PVQ070060APO	60	12PVQ080060APO	60						
12PVQ060080APO	80	12PVQ070080APO	80	12PVQ080080APO	80						
12PVQ060100APO	100	12PVQ070100APO	100	12PVQ080100APO	100						
12PVQ060120APO	120	12PVQ070120APO	120	12PVQ080120APO	120						
12PVQ060150APO	150	12PVQ070150APO	150	12PVQ080150APO	150						
12PVQ060180APO	180	12PVQ070180APO	180	12PVQ080180APO	180						
12PVQ060200APO	200	12PVQ070200APO	200	12PVQ080200APO	200						
12PVQ060220APO	220	12PVQ070220APO	220	12PVQ080220APO	220						
12PVQ060280APO	280	12PVQ070280APO	280	12PVQ080280APO	280						

9 mm		DIAMETER		10 mm		DIAMETER		12 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
12PVQ090010APO	10	12PVQ100010APO	10	12PVQ120010APO	10						
12PVQ090015APO	15	12PVQ100015APO	15	12PVQ120015APO	15						
12PVQ090020APO	20	12PVQ100020APO	20	12PVQ120020APO	20						
12PVQ090030APO	30	12PVQ100030APO	30	12PVQ120030APO	30						
12PVQ090040APO	40	12PVQ100040APO	40	12PVQ120040APO	40						
12PVQ090060APO	60	12PVQ100060APO	60	12PVQ120060APO	60						
12PVQ090080APO	80	12PVQ100080APO	80	12PVQ120080APO	80						
12PVQ090100APO	100	12PVQ100100APO	100	12PVQ120100APO	100						
12PVQ090120APO	120	12PVQ100120APO	120	12PVQ120120APO	120						
12PVQ090150APO	150	12PVQ100150APO	150	12PVQ120150APO	150						
12PVQ090180APO	180	12PVQ100180APO	180	12PVQ120180APO	180						
12PVQ090200APO	200	12PVQ100200APO	200	12PVQ120200APO	200						
12PVQ090220APO	220	12PVQ100220APO	220	12PVQ120220APO	220						
12PVQ090280APO	280	12PVQ100280APO	280	12PVQ120280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **150 cm**

3 mm		DIAMETER		3.5 mm		DIAMETER		4 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
15PVQ030010APO	10	15PVQ035010APO	10	15PVQ040010APO	10						
15PVQ030015APO	15	15PVQ035015APO	15	15PVQ040015APO	15						
15PVQ030020APO	20	15PVQ035020APO	20	15PVQ040020APO	20						
15PVQ030030APO	30	15PVQ035030APO	30	15PVQ040030APO	30						
15PVQ030040APO	40	15PVQ035040APO	40	15PVQ040040APO	40						
15PVQ030060APO	60	15PVQ035060APO	60	15PVQ040060APO	60						
15PVQ030080APO	80	15PVQ035080APO	80	15PVQ040080APO	80						
15PVQ030100APO	100	15PVQ035100APO	100	15PVQ040100APO	100						
15PVQ030120APO	120	15PVQ035120APO	120	15PVQ040120APO	120						
15PVQ030150APO	150	15PVQ035150APO	150	15PVQ040150APO	150						
15PVQ030180APO	180	15PVQ035180APO	180	15PVQ040180APO	180						
15PVQ030200APO	200	15PVQ035200APO	200	15PVQ040200APO	200						
15PVQ030220APO	220	15PVQ035220APO	220	15PVQ040220APO	220						
15PVQ030280APO	280	15PVQ035280APO	280	15PVQ040280APO	280						

4.5 mm		DIAMETER		5 mm		DIAMETER		5.5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
15PVQ045010APO	10	15PVQ050010APO	10	15PVQ055010APO	10						
15PVQ045015APO	15	15PVQ050015APO	15	15PVQ055015APO	15						
15PVQ045020APO	20	15PVQ050020APO	20	15PVQ055020APO	20						
15PVQ045030APO	30	15PVQ050030APO	30	15PVQ055030APO	30						
15PVQ045040APO	40	15PVQ050040APO	40	15PVQ055040APO	40						
15PVQ045060APO	60	15PVQ050060APO	60	15PVQ055060APO	60						
15PVQ045080APO	80	15PVQ050080APO	80	15PVQ055080APO	80						
15PVQ045100APO	100	15PVQ050100APO	100	15PVQ055100APO	100						
15PVQ045120APO	120	15PVQ050120APO	120	15PVQ055120APO	120						
15PVQ045150APO	150	15PVQ050150APO	150	15PVQ055150APO	150						
15PVQ045180APO	180	15PVQ050180APO	180	15PVQ055180APO	180						
15PVQ045200APO	200	15PVQ050200APO	200	15PVQ055200APO	200						
15PVQ045220APO	220	15PVQ050220APO	220	15PVQ055220APO	220						
15PVQ045280APO	280	15PVQ050280APO	280	15PVQ055280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **150 cm**

6 mm		DIAMETER		7 mm		DIAMETER		8 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
15PVQ060010APO	10	15PVQ070010APO	10	15PVQ080010APO	10						
15PVQ060015APO	15	15PVQ070015APO	15	15PVQ080015APO	15						
15PVQ060020APO	20	15PVQ070020APO	20	15PVQ080020APO	20						
15PVQ060030APO	30	15PVQ070030APO	30	15PVQ080030APO	30						
15PVQ060040APO	40	15PVQ070040APO	40	15PVQ080040APO	40						
15PVQ060060APO	60	15PVQ070060APO	60	15PVQ080060APO	60						
15PVQ060080APO	80	15PVQ070080APO	80	15PVQ080080APO	80						
15PVQ060100APO	100	15PVQ070100APO	100	15PVQ080100APO	100						
15PVQ060120APO	120	15PVQ070120APO	120	15PVQ080120APO	120						
15PVQ060150APO	150	15PVQ070150APO	150	15PVQ080150APO	150						
15PVQ060180APO	180	15PVQ070180APO	180	15PVQ080180APO	180						
15PVQ060200APO	200	15PVQ070200APO	200	15PVQ080200APO	200						
15PVQ060220APO	220	15PVQ070220APO	220	15PVQ080220APO	220						
15PVQ060280APO	280	15PVQ070280APO	280	15PVQ080280APO	280						

9 mm		DIAMETER		10 mm		DIAMETER		12 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
15PVQ090010APO	10	15PVQ100010APO	10	15PVQ120010APO	10						
15PVQ090015APO	15	15PVQ100015APO	15	15PVQ120015APO	15						
15PVQ090020APO	20	15PVQ100020APO	20	15PVQ120020APO	20						
15PVQ090030APO	30	15PVQ100030APO	30	15PVQ120030APO	30						
15PVQ090040APO	40	15PVQ100040APO	40	15PVQ120040APO	40						
15PVQ090060APO	60	15PVQ100060APO	60	15PVQ120060APO	60						
15PVQ090080APO	80	15PVQ100080APO	80	15PVQ120080APO	80						
15PVQ090100APO	100	15PVQ100100APO	100	15PVQ120100APO	100						
15PVQ090120APO	120	15PVQ100120APO	120	15PVQ120120APO	120						
15PVQ090150APO	150	15PVQ100150APO	150	15PVQ120150APO	150						
15PVQ090180APO	180	15PVQ100180APO	180	15PVQ120180APO	180						
15PVQ090200APO	200	15PVQ100200APO	200	15PVQ120200APO	200						
15PVQ090220APO	220	15PVQ100220APO	220	15PVQ120220APO	220						
15PVQ090280APO	280	15PVQ100280APO	280	15PVQ120280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **190 cm**

3 mm		DIAMETER		3.5 mm		DIAMETER		4 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
19PVQ030010APO	10	19PVQ035010APO	10	19PVQ040010APO	10						
19PVQ030015APO	15	19PVQ035015APO	15	19PVQ040015APO	15						
19PVQ030020APO	20	19PVQ035020APO	20	19PVQ040020APO	20						
19PVQ030030APO	30	19PVQ035030APO	30	19PVQ040030APO	30						
19PVQ030040APO	40	19PVQ035040APO	40	19PVQ040040APO	40						
19PVQ030060APO	60	19PVQ035060APO	60	19PVQ040060APO	60						
19PVQ030080APO	80	19PVQ035080APO	80	19PVQ040080APO	80						
19PVQ030100APO	100	19PVQ035100APO	100	19PVQ040100APO	100						
19PVQ030120APO	120	19PVQ035120APO	120	19PVQ040120APO	120						
19PVQ030150APO	150	19PVQ035150APO	150	19PVQ040150APO	150						
19PVQ030180APO	180	19PVQ035180APO	180	19PVQ040180APO	180						
19PVQ030200APO	200	19PVQ035200APO	200	19PVQ040200APO	200						
19PVQ030220APO	220	19PVQ035220APO	220	19PVQ040220APO	220						
19PVQ030280APO	280	19PVQ035280APO	280	19PVQ040280APO	280						

4.5 mm		DIAMETER		5 mm		DIAMETER		5.5 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
19PVQ045010APO	10	19PVQ050010APO	10	19PVQ055010APO	10						
19PVQ045015APO	15	19PVQ050015APO	15	19PVQ055015APO	15						
19PVQ045020APO	20	19PVQ050020APO	20	19PVQ055020APO	20						
19PVQ045030APO	30	19PVQ050030APO	30	19PVQ055030APO	30						
19PVQ045040APO	40	19PVQ050040APO	40	19PVQ055040APO	40						
19PVQ045060APO	60	19PVQ050060APO	60	19PVQ055060APO	60						
19PVQ045080APO	80	19PVQ050080APO	80	19PVQ055080APO	80						
19PVQ045100APO	100	19PVQ050100APO	100	19PVQ055100APO	100						
19PVQ045120APO	120	19PVQ050120APO	120	19PVQ055120APO	120						
19PVQ045150APO	150	19PVQ050150APO	150	19PVQ055150APO	150						
19PVQ045180APO	180	19PVQ050180APO	180	19PVQ055180APO	180						
19PVQ045200APO	200	19PVQ050200APO	200	19PVQ055200APO	200						
19PVQ045220APO	220	19PVQ050220APO	220	19PVQ055220APO	220						
19PVQ045280APO	280	19PVQ050280APO	280	19PVQ055280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - 0.035"

Semi-Compliant – Hydrophilic Coated; OTW

The PTA Balloon Catheter is a semi-compliant Over the Wire (OTW) hydrophilic coated PTA balloon catheter used for the dilation of peripheral vascular lesions.

Usable Catheter Length **190 cm**

6 mm		DIAMETER		7 mm		DIAMETER		8 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
19PVQ060010APO	10	19PVQ070010APO	10	19PVQ080010APO	10						
19PVQ060015APO	15	19PVQ070015APO	15	19PVQ080015APO	15						
19PVQ060020APO	20	19PVQ070020APO	20	19PVQ080020APO	20						
19PVQ060030APO	30	19PVQ070030APO	30	19PVQ080030APO	30						
19PVQ060040APO	40	19PVQ070040APO	40	19PVQ080040APO	40						
19PVQ060060APO	60	19PVQ070060APO	60	19PVQ080060APO	60						
19PVQ060080APO	80	19PVQ070080APO	80	19PVQ080080APO	80						
19PVQ060100APO	100	19PVQ070100APO	100	19PVQ080100APO	100						
19PVQ060120APO	120	19PVQ070120APO	120	19PVQ080120APO	120						
19PVQ060150APO	150	19PVQ070150APO	150	19PVQ080150APO	150						
19PVQ060180APO	180	19PVQ070180APO	180	19PVQ080180APO	180						
19PVQ060200APO	200	19PVQ070200APO	200	19PVQ080200APO	200						
19PVQ060220APO	220	19PVQ070220APO	220	19PVQ080220APO	220						
19PVQ060280APO	280	19PVQ070280APO	280	19PVQ080280APO	280						

9 mm		DIAMETER		10 mm		DIAMETER		12 mm		DIAMETER	
Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)	Product code	Length (mm)
19PVQ090010APO	10	19PVQ100010APO	10	19PVQ120010APO	10						
19PVQ090015APO	15	19PVQ100015APO	15	19PVQ120015APO	15						
19PVQ090020APO	20	19PVQ100020APO	20	19PVQ120020APO	20						
19PVQ090030APO	30	19PVQ100030APO	30	19PVQ120030APO	30						
19PVQ090040APO	40	19PVQ100040APO	40	19PVQ120040APO	40						
19PVQ090060APO	60	19PVQ100060APO	60	19PVQ120060APO	60						
19PVQ090080APO	80	19PVQ100080APO	80	19PVQ120080APO	80						
19PVQ090100APO	100	19PVQ100100APO	100	19PVQ120100APO	100						
19PVQ090120APO	120	19PVQ100120APO	120	19PVQ120120APO	120						
19PVQ090150APO	150	19PVQ100150APO	150	19PVQ120150APO	150						
19PVQ090180APO	180	19PVQ100180APO	180	19PVQ120180APO	180						
19PVQ090200APO	200	19PVQ100200APO	200	19PVQ120200APO	200						
19PVQ090220APO	220	19PVQ100220APO	220	19PVQ120220APO	220						
19PVQ090280APO	280	19PVQ100280APO	280	19PVQ120280APO	280						

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	5 F – up to Ø 5.0 mm 6 F – for Ø 5.5 mm to 10.0 mm 9 F – for Ø 12.0 mm
Entry Tip Profile	0.95 mm (0.037")
Nominal Pressure	7 bar
Rated Burst Pressure (RBP)	Ø 3 mm = 13 bar Ø 3.5 mm to 12 mm = 10 bar



JUTURNA-vq PTA Balloon Catheter - Dialysis Fistulae 0.018"

High Pressure

The Dialysis Fistulae Balloon Catheter is a semi-compliant Over the Wire (OTW) High Pressure (Up to 22 Bars) PTA balloon.

Usable Catheter Length **45 cm**

4 mm DIAMETER		5 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)
04PVQ040020BSD	20	04PVQ050020BSD	20
04PVQ040040BSD	40	04PVQ050040BSD	40

6 mm DIAMETER		7 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)
04PVQ060020BSD	20	04PVQ070020BSD	20
04PVQ060040BSD	40	04PVQ070040BSD	40

Usable Catheter Length **80 cm**

4 mm DIAMETER		5 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)
08PVQ040020BSD	20	08PVQ050020BSD	20
08PVQ040040BSD	40	08PVQ050040BSD	40

6 mm DIAMETER		7 mm DIAMETER	
Product code	Length (mm)	Product code	Length (mm)
08PVQ060020BSD	20	08PVQ070020BSD	20
08PVQ060040BSD	40	08PVQ070040BSD	40

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.018" (0.46 mm)
Recommended Introducer Sheath	4 F - for Ø 4.0 mm 5 F - for Ø 5.0 mm to 6.0 mm 6 F - for Ø 7.0 mm
Entry Tip Profile	0.50 mm (0.020")
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	Ø 4 to 5 mm = 22 bar Ø 6 to 7 mm x 20 mm = 20 bar Ø 6 to 7 mm x 40 mm = 18 bar



EMAX Aspiration Catheter

Hydrophilic Coated; Rx

1 French (F) = 0.333 mm

The Aspiration Catheter is a rapid exchange catheter used for the removal of thrombus and debris in the coronary or peripheral arteries via percutaneous suction.

5 F			GUIDING CATHETER (GC)
Product code	Configuration	Length (mm) ± 3	Usable Catheter Length (cm)
VX5HI5	Inner	75	141

6 F			GUIDING CATHETER (GC)
Product code	Configuration	Length (mm) ± 3	Usable Catheter Length (cm)
VX6HI5	Inner	75	141

7 F			GUIDING CATHETER (GC)
Product code	Configuration	Length (mm) ± 3	Usable Catheter Length (cm)
VX7HI3	Inner	30	136.5

TECHNICAL SPECIFICATIONS

Recommended Guidewire	0.014" (0.36 mm)
Recommended Guiding Sheath	5 F is compatible with 4 F sheath, Min. sheath ID 1.40 mm 6 F / 7 F are compatible with 5 F sheath, Min. sheath ID 1.80 mm
Aspiration Port Opening	4.8 mm (0.189")
Entry Tip Diameter	>0.40 mm <0.50 mm
Catheter Type	Non-Braided
Strain Relief Guard	Provides ease of pushability and prevents kinking
Proximal Shaft Catheter	Supports tortuous anatomy - 300 mm strengthening of the proximal tube for more proximal stiffness
Components Included	<ul style="list-style-type: none"> • 30 ml polycarbonate locking syringes (x2) • Extension line with stopcock (x1) • 40 µm filter basket (x1)

ARCHIMEDES Biodegradable Biliary and Pancreatic Stent



THE FUTURE IN
BIORESORBABLE
PRODUCTS

- > **Three degradation profiles** address all biliary and pancreatic drainage indications
- > **Reduces cost, morbidity and complication rates** by eliminating subsequent stent removal procedure
- > **Proximal and distal flaps** help minimize migration
- > **Anatomical shape** for enhanced positioning
- > **Tapered tip** facilitates smooth cannulation

The Archimedes Stent is a Biodegradable Stent with a twisted design. The Archimedes Stent is intended to be used for the palliation of strictures of the bile ducts (Hepatic, Cystic, Common Bile, and Pancreatic) resulting from malignancy of the liver, pancreas, duodenum, biliary tree or from various benign disease.

The stent will prop-open the stenosis in the bile duct allowing bile to flow from liver to the duodenum due to the twisted shape.

STENT DEGRADATION PROFILE

STENT DEGRADATION PROFILE	STRENGTH RETENTION
Fast degrading stent	12 days
Medium degrading stent	25 days
Slow degrading stent	12 weeks

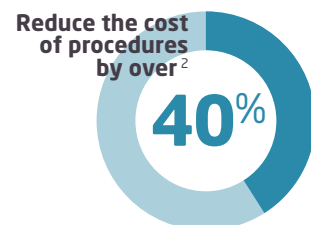
Sizes available in diameters of 2.0 mm, 2.6 mm and 3.4 mm in lengths from 20 mm to 150 mm.

THE SOLUTION

With the Archimedes Stent - regardless of the procedure being for benign or malignant disease - one does not have to go through the second operation of having to remove the stent.

ADVANTAGES

- > The number of procedures is decreased.
- > Medical cost is significantly reduced.
- > Post-operation morbidity is reduced.
- > Complications associated with the secondary procedure are reduced.



UNITY-B Biodegradable Balloon Expandable Stent System

UNITY-B Hybrid BRS is a biodegradable stent that:

- > Functions like a metallic stent
- > Can be used in non conforming lesions
- > Can be over-dilated without fracturing
- > Has minimal recoil and foreshortening
- > Does not require in advance preparation of the lesion
- > Can be placed with the same traditional approach used for a normal metallic or DES stent
- > Can be easily produced in a wide range of sizes



COMPARISON DATA*

Characteristics	UNITY-B	UNITY VS MAIN COMPETITOR OmniLink
Crossing Profile (mm)	2.20 - 2.40 (mean 2.30)	2.22 - 2.27 (ø10 mm)
Foreshortening, max at NP (%)	0.9% (RBP) ø10 mm	2.30% (RBP) ø10 mm
Maximum Recoil of the expanded stent at NP (%)	3.1% (NP) ø10 mm	3.14% (NP) ø10 mm

BILIARY

QualiMed has combined the same natural symbiotic design into its UNITY-B Stent where its proprietary magnesium alloy acts as the bone or skeleton and the polymer outer acts as the muscle.



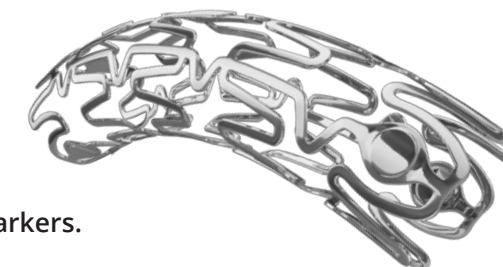
PERIPHERAL

By finding the right balance for the combination of these materials one can produce a implant that works in the same mechanical form as its historical metallic version with the added benefit of being biodegradable and leaving nothing behind.

CORONARY

ADVANTAGES

- > Uniform expansion of the stent with no cracks to maximum diameter (4.4 mm).
- > Measurements resulted to almost zero foreshortening.
- > Fluoroscopic visibility can be improved by radiopaque markers.
- > Very low recoil which ranged between 1.98% and 1.13%.



Manufacturing & Development



QualiMed is a full service provider of a range of implantable interventional and surgical devices, catheters, drug device combination products and biodegradable implants at its facility based outside of Hamburg Germany. The company will only engage in development projects where it has committed manufacturing volumes for the global market once the devices pass through the regulatory stage of development.

The company is known worldwide as a leading designer and developer of implantable devices from the Ideation phase through to Production. The company will only engage in the development of devices where it will have a contractual obligation to manufacture a majority of the products once they are commercialized. The company has extensive expertise with mechanical devices used in all interventional and surgical areas as well as various catheter technologies including ballooning with various materials, sizes, and diameters. Additionally, the company has developed a number of drug device combination products that are currently being sold world wide through its partner customers. The company has expertise with a variety of Bioabsorbable and Biodegradable materials for use in medical device implants.

OUR 12 STEP DEVELOPMENT GUARANTEE



Our 12 Steps

PHASE 1 IDEA

The company's Research and Development Department assists customers with taking their ideas from thoughts to clinical implants through what we call conceptual development. During the Ideation Phase the company documents the initial concept or idea that needs to be explored in detail.

PHASE 2 LITERATURE REVIEW

During the initial design phase and throughout the product lifecycle the company utilizes an extensive literature review process to consistently and accurately assess existing product outcomes and modalities to insure proper user needs identification based on key critical to quality parameters outlined based on complication rates and success rates established in the historical literature.

PHASE 3 FEASIBILITY

During the feasibility phase the company along with its partners assess the real market opportunity for the technologies success based on a number of critical elements the company has established to insure that the company and its partners achieve their respective levels of success.

PHASE 4 DESIGN INPUT SPECIFICATION

The company uses the Design Input Specification phase of its development methodology as a risk mitigation tool to assess the required design inputs to achieve the appropriate design outputs based on key user needs specifications that are then validated by the literature review, feasibility assessment, and expert user input to insure the greatest opportunity for meeting the requirements of the initial Idea.

PHASE 5 REGULATORY ASSESSMENT

During the regulatory assessment phase the company utilizes its extensive staff of regulatory personnel to evaluate the global regulatory needs to launch the devices commercially while linking these commercialization requirements to the specific testing that will be utilized during development up to the initial regulatory approval.

PHASE 6 RISK ANALYSIS

The risk analysis phase is used to accurately reflect and document the product risk for each of the parameters to insure that all the participants are focused on what the company terms its Tri-Level risk mitigation methodology to minimize any external risk that could jeopardize the development or time lines.

PHASE 7 DESIGN OUTPUT SPECIFICATION

During the Design Output Specification Phase the company establishes and maintains procedures for defining and documenting design output in terms that allow an adequate evaluation of conformance to design input requirements. The Design output procedures shall contain or make reference to acceptance criteria and shall ensure that those design outputs that are essential for the proper functioning of the device are identified. The Design output is documented, reviewed, and approved before release while the approval, including the date and signature of the individual(s) approving the output, are documented.

PHASE 8 PROTOTYPE

The company utilizes a three stage prototyping process to insure that the user needs specification are achieved in the design output specifications.

PHASE 9 TESTING (DESIGN VERIFICATION AND VALIDATION)

Bench testing is an essential element to insure that the user needs specifications are met as defined in the design input and output specifications. The bench testing is established to accurately assess whether the design meets the user needs requirements.

PHASE 10 ANIMAL TRIAL

The company uses the animal trial phase of the development process to further validate that the user needs specifications are met through the design inputs and validated in the design outputs. The company has the capabilities to manage the animal trial process from the protocol writing to testing of the technology through various partner facilities throughout the world.

PHASE 11 CLINICAL STUDIES

The company will assist its partners in validating the designs through rigorous clinical testing of the technology and can assist or run the clinical studies as desired by its partners with a focus on generating the data required to achieve regulatory approval for the technology globally.

PHASE 12 FINAL PRODUCT

The company has established a manufacturing skill set to produce high quality implantable technology and catheter based applications through its ISO 13485:2012 and ISO 9001:2008 certified facility and through its global manufacturing partner relationship in Asia, Europe, and North America.

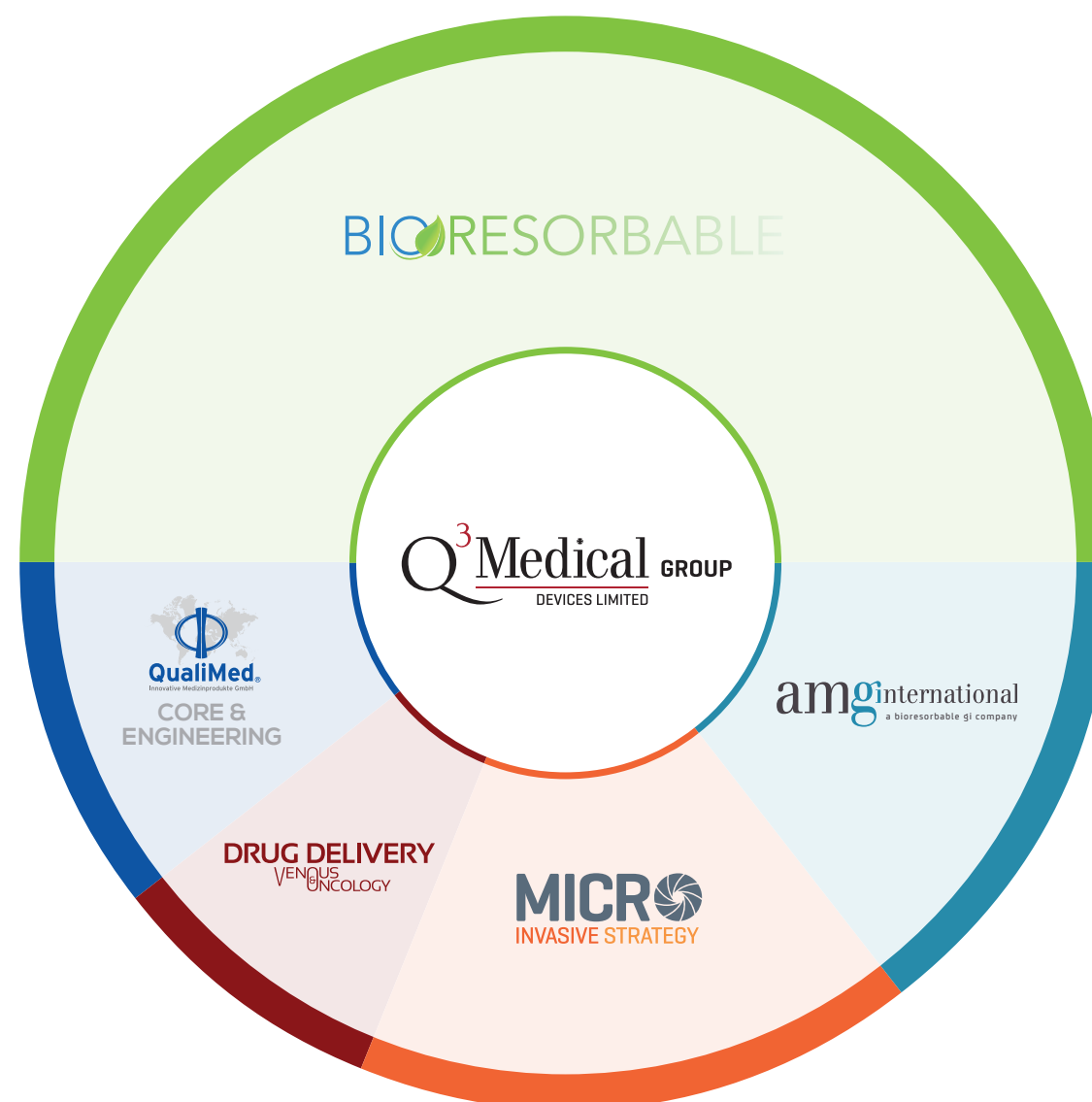
Modified Generic Strategy

The Company has implemented its Modified Generic Sales Strategy (“MGS”) that embraces a network computing based approach to commercialization where the channel is strengthened by its number of participants whom provide direct contact to the end customer through their long lasting established relationships. The Modified Generic Strategy Model allows the company to leverage these relationships through a variety of offerings via its OEM, Private Label, Own Brand, and Development channels. This expanded channel or “Network” approach allows Qualimed to leverage its core expertise and skills in design, development, and manufacturing while taking advantage of market consolidation conditions that have left many channel participants with a reduced portfolio of interventional products to sell seeking new innovative or comparable technology. Because these channel partners are well trained, have strong historical relationships with the key user base, and are working with physicians that are skilled in the clinical use of the technology, there is a significant opportunity to accelerate the company’s growth through this multi-channel approach.

Relationship selling plays a significant role in what the doctors choose in the care for their patients and Qualimed plans to leverage this opportunity with its growing technology platform of innovative technologies.

The company has chosen a targeted approach to reach the market through its expanding customer base broken out as follows:

- 1. Own Brand:** The company’s Own Brand lines offer a full range of products through a growing number of exclusive and non-exclusive distributors in Europe, Asia, the Middle East and Latin America. Currently the company is selling products or registering its technology in over 50 countries globally.
- 2. Private Label:** The company provides a turnkey medical device offering to Private Label customers on a fee-for-service basis, which includes an upfront licensing fee for approved products in the coronary, peripheral vascular, and non-vascular areas. As part of the fee the company provides additional support services to accelerate the product transfers such as the establishment of a quality system for new entrants moving from pure distribution into having their own brand, CE transfers, inventory management, authorized representations, and other services as needed from time to time as requested by the customers. This private or ‘white’ label approach allows Qualimed to provide its products to multiple customers, further expanding its footprint in this highly fragmented market.
- 3. OEM:** The company’s OEM division produces products for its customers on an exclusive basis. These customers either bring existing products for production or desire new products to be designed, developed and manufactured at Qualimed. Qualimed only engages in paid or funded development projects where it will have control of the manufacturing rights in the future and can leverage the developments into some future application it will develop on its own.
- 4. Development:** The company’s Development is focused on novel development projects in the areas of Mechanical Implants, Catheters, Drug Device Combination, and Biodegradable technologies both internally sponsored by the company and its physician advisory network as well as externally funded projects from various corporate partners and government funded entities. Qualimed only engages in paid or funded development projects where it will have control of or own a percentage of the manufacturing rights in the future.



History and Milestones

- 2017**
 - > ARCHIMEDES BIODEGRADABLE BILIARY AND PANCREATIC STENT
 - > UNITY-B BIODEGRADABLE BALLOON EXPANDABLE STENT SYSTEM
- 2016**
 - > BALLOON EXPANDIBLE FULLY BIODEGRADABLE STENT (CLINICALS EXPECTED)
- 2014**
 - > DRUG DELIVERY (SCLEROTIC AGENT) FOR VENOUS INSUFFICIENCY (APPROVAL EXPECTED)
- 2013**
 - > DEVELOPMENT OF FIRST FULLY BIODEGRADABLE BILIARY STENT
 - > BIODEGRADABLE COVERED ESOPHAGEAL STENTS (CLINICALS COMPLETED)
- 2012**
 - > CE APPROVAL FOR SIROLIMUS BIODEGRADABLE COATED STENT
 - > COMPLETION OF PERIPHERAL LINE
- 2011**
 - > CE FOR PERIPHERAL SFA STENT
 - > ASPIRATION LINE
- 2010**
 - > ESTABLISHING MODIFIED GENERIC STRATEGY
- 2009**
 - > STARTING BIODEGRADABLE R&D WORK
- 2008**
 - > ESTABLISHING CATHETER AND BALLOON MANUFACTURING AREA
- 2006**
 - > CE APPROVAL FOR THREE PACLITAXEL DRUG ELUTING STENT
- 2001**
 - > EXPANDING PRODUCTION AREA
- 2000**
 - > ENTER INTO NON VASCULAR
- 1997**
 - > FOUNDATION IN WINSEN / LUHE
 - > OEM MANUFACTURER FOR IMPLANTABLE MEDICAL DEVICES
 - > CORONARY APPLICATION

Return Policy

1. A Returned Goods Authorization (RGA) Number is required for all returns and replacements. This number can be obtained by calling Customer Service.
 - a. All packages must be clearly marked with the RGA Number.
 - b. Packages must be properly packaged for return for the full applicable credit to be issued.
 - c. Returns without an RGA Number will be refused and returned at shipper's expense.
 - d. The RGA Number must be clearly marked on the outside of all boxes returned. A copy of the packing slip and/or Purchase Order Number should be included with the return and correlate the enclosed product (part and lot number).
2. Defective product can be returned at any time, with an RGA Number.
 - a. Contaminated product must be identified as BIOHAZARD on the Box they are transported in.
 - b. RGA Number must appear on the outside of the box.
3. Returns are subject to examination for acceptable condition or alleged defects.
 - a. Acceptable returned product will be credited to customer account subject to a restocking and re-boxing fee as appropriate.
 - b. To obtain the Company return goods policy contact your account representative or Customer Service.

Product Complaints

In the event a product complaint is raised, the distributor must notify QualiMed Customer Services within 48 hours. A product complaint report will be sent to the distributor which is required to be fully completed and returned to Tsunamed within 72 hours. The product in question must be returned to QualiMed for a full investigation report, that will be submitted to the distributor and doctor who raised the complaint.

We will provide our courier details and biohazard protocol to collect the product.

To Order

Contact customer services on

+49 4171 6578 0

Or email us at info@tsunamed.com





www.tsunamed.com

MANUFACTURED BY



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Q³Medical GROUP
DEVICES LIMITED

TSUNA CATALOGUE REV. C