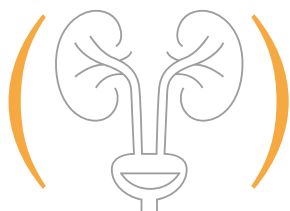


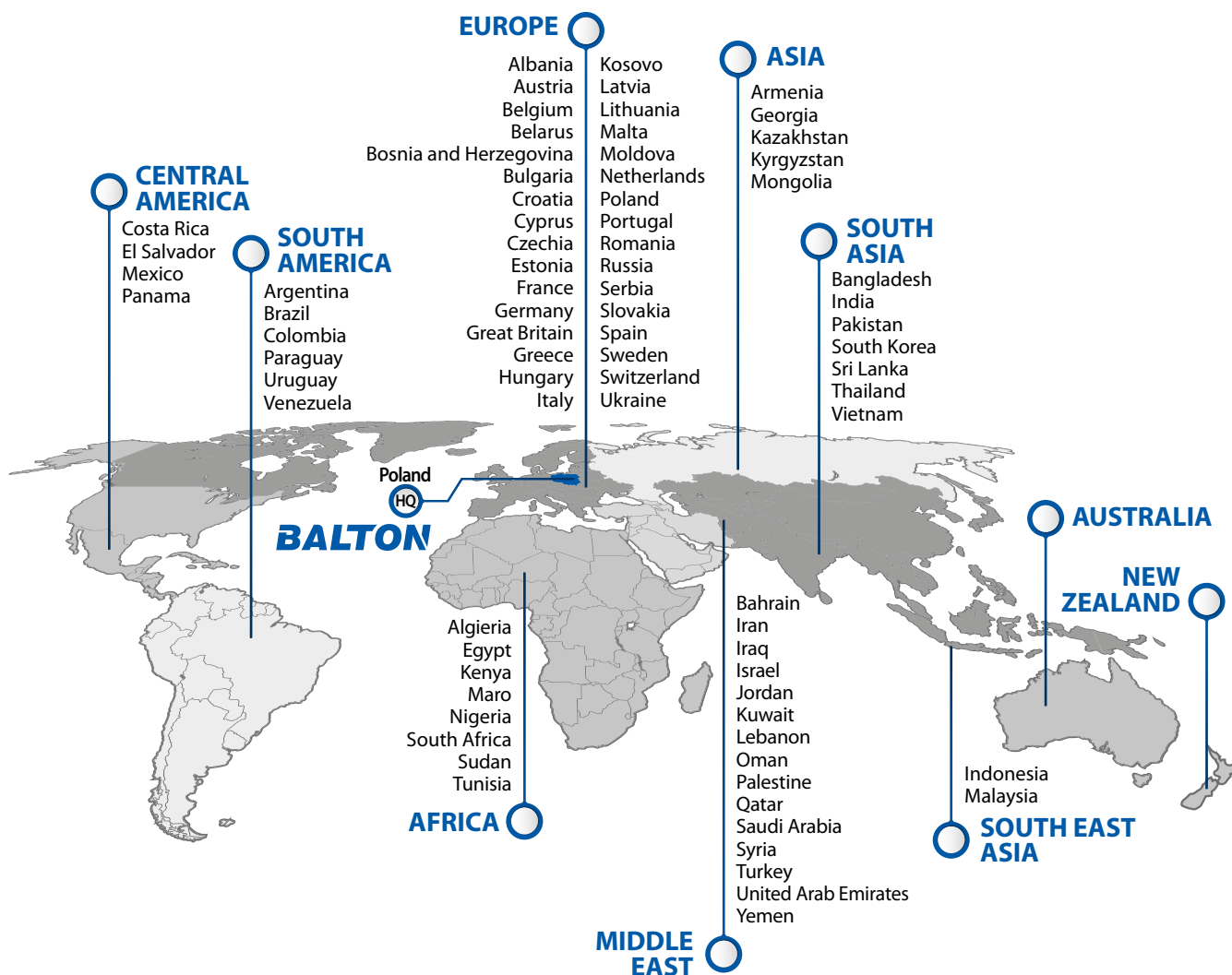
Urology



UROLOGY



For **over 40 years**, Balton has been combining clinical experience with precision of workmanship of the **disposable medical devices**, empowering healthcare professionals in their every-day work.



The company started operating in **1980** with a narrow product offer and one small production plant near Warsaw, the capital of Poland. Today Balton has much larger and complex production lines in several locations and provides solutions that help to eliminate the need for open surgery in **8** different **categories**. Our products are sold in almost **80 countries on 6 continents**.

Through meticulous attention to **product design, usability** aspects and **trainings** we make an effort to deliver equipment tailored to the needs and preferences of the physicians. We invest in the development of our own products and research of cutting-edge solutions in cooperation with leading medical authorities of respective fields in Poland and worldwide. Which is why we are trusted by doctors to whom patients entrust their health and life.



UROLOGY

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Availability and specifications are subject to change. For more information, please contact your Balton sales representative.



UROLOGY



NEPHROSTOMY KIT



Kit components:

- Pigtail type catheter
- guidewire "J"
- two-part needle or three-part needle
- dilators
- dilator with sleeve to peel away
- fixing collar
- syringe 10 ml LL
- scalpel
- band clip

The kit for nephrostomy is used for making the nephrostomy fistula with the puncture method. We draw your attention to our modification of the superstiff guidewire. In this modification is a very thin tube of stainless steel with a softened part at the end. This provides a better possibility of safe manoeuvres with the dilator with a sleeve pushed on the superstiff guidewire.

The best quality polyurethane is used for the catheter. This plastic material ensures an optimally long time of catheter maintenance in nephrostomy.

Reference:	Catheter size	Catheter length [cm]	Dilators size	Needle type	Needle size/ length	Guidewire diameter [inch]
ZNEF5F	5F	45	5F, 6F*	Three-part needle	20Gx19 cm	.035"
ZNEF6F	6F		7F, 8F*			
ZNEF8F	8F		7F, 10F*	Two-part needle	18Gx20 cm	
ZNEF9F	9F		7F, 10F*			
ZNEF10F	10F		7F, 10F, 13F*			
ZNEF11F	11F		7F, 10F, 13F*			
ZNEF12F	12F		7F, 10F, 13F*			
ZNEF14F	14F		10F, 13F, 15F*			

When ordering use Ref. Number, e.g.: ZNEF14F.

* Dilator with sleeve to peel away size



NEPHROSTOMY KIT FOR CATHETERS EXCHANGE



Kit components:

- Pigtail type catheter
- leading wire .038" x 80 cm
- dilators
- dilator with sleeve to peel away
- fixing collar
- band clip

Reference:	Catheter size	Catheter length [cm]	Dilator with sleeve to peel away size	Dilators size
ZWK9F	9F	45	10F	7F
ZWK12F	12F		13F	10F
ZWK14F	14F		15F	13F

When ordering use Ref. Number, e.g.: ZWK14F.

Availability and specifications are subject to change. For more information, please contact your Balton sales representative.



CYSTOSTOMY KIT



Kit components:

- Pigtail type catheter
- split cannula
- fixing collar
- syringe 10 ml LL
- scalpel
- band clip

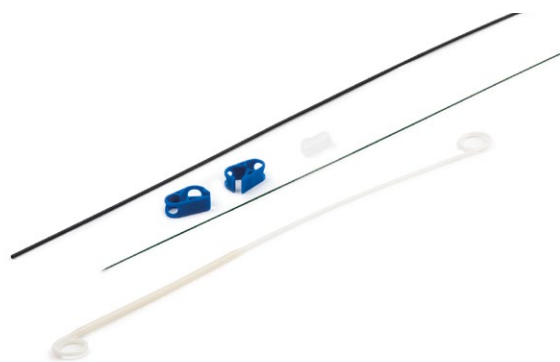
The cystostomy kit is used for the performance of suprapubic cystostomy by means of puncture. Catheter made of superior quality polyurethane. This kind of material ensures optimally long time of maintenance in place.

Reference:	Catheter size	Catheter length [cm]	Split cannula size	Peel away needle length [mm]
ZCYS8F	8F	45	9F	80
ZCYS9F	9F		9F	80
ZCYS10F	10F		12F	120
ZCYS12F	12F		12F	120
ZCYS14F	14F		14F	120

When ordering use Ref. Number, e.g.: ZCYS12F.



KIT FOR STENT INTRODUCTION



Kit components:

- double Pigtail catheter
 - bladder loop diameter: 2 or 4 cm
 - distance between loops from 14 to 30 cm
- claps
- pusher
- guidewire

The Kit for Stent Introduction is designed for ensuring urine flow from the pyelocalyceal system to the bladder. It is used for ureteral patency disorders, such as calculus presence or external urethral stenosis. The double pigtail catheter serves as an internal urinary fistula. Its superiority over the existing solutions is that it eliminates external urine diversion and therefore reduces the risk of the infection.

Catheter is made from polyurethane and is finished with ends of pigtail type (double pigtail). The diameter of pigtail curve in the part placed in the renal pelvis is 2 cm, and in the part placed in the bladder is 2 cm /or 4 cm/. The end of the pelvis part of the catheter is blind, the end of the bladder part is open. Both end-parts of the catheter have numerous side holes to ensure free flow of urine. The diameter of the catheter is from 3F to 10F, its length is from 14 cm to 30 cm. After the introduction into the lumen of the catheter the guidewire straightens it enabling its introduction into the working channel of the endoscope, and then into the ureter and renal pelvis. The pusher is used for pushing out the end of the catheter from the endoscope into the renal pelvis. The clamp immobilizes the catheter after its introduction over the guidewire.

Reference:	Catheter size	Distance between loops [cm]	Bladder loop diameter [cm]	Guidewire diameter [inch]	Guidewire length [cm]
ZSWM3F144	3F	14	4	.022"	110
ZSWM3F164		16			
ZSWM3F184		18			
ZSWM4F164	4F	16			
ZSWM4F184		18			
ZSWM4F204		20			
ZSWM5F244	5F	24		.032"	
ZSWM5F264		26			
ZSWM5F284		28			
ZSWM5F304		30			
ZSWM6F244	6F	24		.035"	
ZSWM6F264		26			
ZSWM6F284		28			
ZSWM6F304		30			
ZSWM7F244	7F	24	.038"		
ZSWM7F264		26			
ZSWM7F284		28			
ZSWM7F304		30			
ZSWM8F244	8F	24			
ZSWM8F264		26			
ZSWM8F284		28			
ZSWM8F304		30			

Availability and specifications are subject to change. For more information, please contact your Balton sales representative.



Reference:	Catheter size	Distance between loops [cm]	Bladder loop diameter [cm]	Guidewire diameter [inch]	Guidewire length [cm]			
ZSWM8.5F244	8.5F	24	4	.038"	110			
ZSWM8.5F264		26						
ZSWM8.5F284		28						
ZSWM8.5F304		30						
ZSWM10F244	10F	24						
ZSWM10F264		26						
ZSWM10F284		28						
ZSWM10F304		30						
ZSWM3F142	3F	14	2	.022"				
ZSWM3F162		16						
ZSWM3F182		18						
ZSWM4F162	4F	16				.032"		
ZSWM4F182		18						
ZSWM4F202		20						
ZSWM5F242	5F	24					.035"	
ZSWM5F262		26						
ZSWM5F282		28						
ZSWM5F302		30						
ZSWM6F242	6F	24						.038"
ZSWM6F262		26						
ZSWM6F282		28						
ZSWM6F302		30						
ZSWM7F242	7F	24	.038"					
ZSWM7F262		26						
ZSWM7F282		28						
ZSWM7F302		30						
ZSWM8F242	8F	24		.038"				
ZSWM8F262		26						
ZSWM8F282		28						
ZSWM8F302		30						
ZSWM8.5F242	8.5F	24			.038"			
ZSWM8.5F262		26						
ZSWM8.5F282		28						
ZSWM8.5F302		30						
ZSWM10F242	10F	24	.038"					
ZSWM10F262		26						
ZSWM10F282		28						
ZSWM10F302		30						

When ordering use Ref. Number, e.g.: ZSWM3F182.

It is possible to purchase separate catheters of polyurethane of double - Pigtail type:

- catheters with double blinded ends, when ordering use Ref. Number, e.g.: ZSWM3F182Z

- catheters with double open ends, when ordering use Ref. Number, e.g. ZSWM3F182O

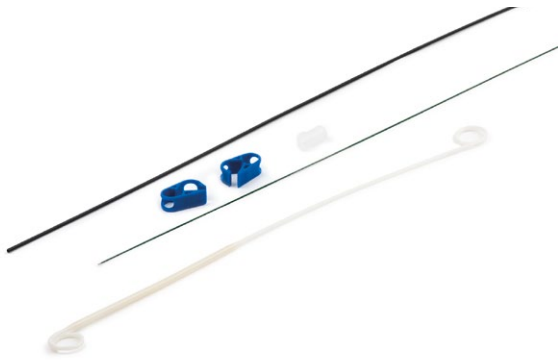
Available - version of catheter with a thread allows the removal of the catheter without repeated cystoscopy.

When ordering use Ref. Number, e.g.: ZSWM3F182N.



KIT FOR STENT INTRODUCTION

(with changeable loop diameter)



On request we provide endoureterotomy stent kits used for temporary internal drainage from the ureteropelvic junction to the bladder following incision of a stricture. The 12F segment, with no sideports, prevents postoperative narrowing of the ureteral lumen while preventing ingrowth of the ureteral wall to the stent.

Reference:	Catheter size	Distance between loops [cm]	Bladder loop diameter [cm]	Guidewire diameter [inch]	Guidewire length [cm]
ZSWM7F12F264	7F/12F	26	4	.038"	110

When ordering use Ref. Number, e.g.: ZSWM7F12F264.



X-RAY DOUBLE PIGTAIL TYPE



The double Pigtail type catheter is used in cases of impaired patency of ureters due to calculus presence, "stein strasse" after extracorporeal shock wave lithotripsy, ureteral stenosis, external compression of the ureter etc. The Pigtail catheter acts as an internal urine diversion and its superiority over previous methods is that it eliminates external urine diversion and therefore reduced the danger of superinfection.

Polyurethane catheter with ends of double Pigtail type. The diameter of Pigtail curve is 2 cm in the part introduced into the renal pelvis, and 4 cm or 2 cm in the part placed in the bladder. The end in the pelvis is blind, the end in the bladder is open. Both end-parts of the catheter contain numerous ports ensuring the free flow of urine. The diameters of the catheter range from 3F to 10F their length is from 14 to 30 cm.

Reference:	Catheter size	Distance between loops [cm]	Bladder loop diameter [cm]
KMP3F142	3F	14	2
KMP3F162		16	
KMP3F182		18	
KMP4F162	4F	16	2
KMP4F182		18	
KMP4F202		20	4
KMP4F164		16	
KMP4F204	20	2	
KMP5F242	5F		24
KMP5F262			26
KMP5F282			28
KMP5F302			30
KMP5F244			24
KMP5F264		26	
KMP5F284	28		
KMP5F304	30		
KMP6F242	6F	24	2
KMP6F262		26	
KMP6F282		28	
KMP6F302		30	
KMP6F244		24	4
KMP6F264		26	
KMP6F284		28	
KMP6F284		28	

Availability and specifications are subject to change. For more information, please contact your Balton sales representative.



Reference:	Catheter size	Distance between loops [cm]	Bladder loop diameter [cm]	
KMP7F242	7F	24	2	
KMP7F262		26		
KMP7F282		28		
KMP7F302		30		
KMP7F244		24	4	
KMP7F264		26		
KMP7F284		28		
KMP8F242		24		
KMP8F262	8F	26	2	
KMP8F282		28		
KMP8F302		30		
KMP8F244		24		
KMP8F264		26	4	
KMP8F284		28		
KMP8.5F242		24		
KMP8.5F262		26		
KMP8.5F282	8.5F	28	2	
KMP8.5F302		30		
KMP8.5F244		24		
KMP8.5F264		26		
KMP8.5F284		28	4	
KMP8.5F304		30		
KMP10F242		24		2
KMP10F262		26		
KMP10F282	28			
KMP10F302	30			
KMP10F244	10F	24	4	
KMP10F264		26		
KMP10F284		28		
KMP10F304		30		

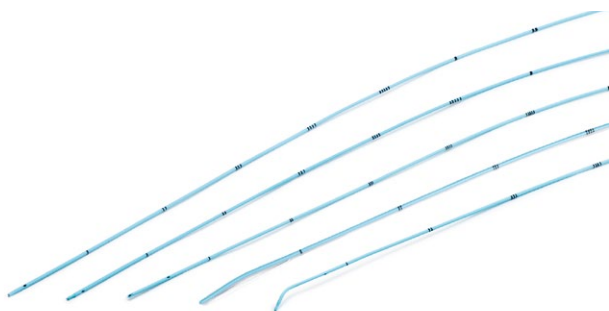
When ordering use Ref. Number, e.g.: KMP10F304.

NOTE: On offer also double pigtail catheter with an intraprocedure configuration:

- both catheter ends closed - product number example: KMP3F142Z
- both catheter ends opened - product number example: KMP3F142O



URETERAL CATHETERS



Nelaton Olive Couvelaire Zeiss Tiemann

These are intended for contrast radiological examinations and for the examination of the calycolpelvic system by endoscopy (ascending ureteropyelography) and for the temporary external drainage of the urinary tract. They are made of high-quality soft plastic radiopaque material. They have a centimeter scale.

Reference: NELATON	Reference: OLIVE	Reference: COUVELAIRE	Reference: ZEISS	Reference: TIEMANN	Catheter size	Catheter length [cm]
KMN3F	KMO3F	KMC3F	- - -	KMT3F	3F	70
KMN4F	KMO4F	KMC4F	KMZ4F	KMT4F	4F	
KMN5F	KMO5F	KMC5F	KMZ5F	KMT5F	5F	
KMN6F	KMO6F	KMC6F	KMZ6F	KMT6F	6F	
KMN7F	KMO7F	KMC7F	KMZ7F	KMT7F	7F	
KMN8F	KMO8F	KMC8F	- - -	KMT8F	8F	

When ordering use Ref. Number, e.g.: KMN6F.

It is possible to purchase urological catheters Nelaton type with central hole and without side holes.

When ordering use Ref. Number, e.g.: KMN5FO.



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