



RÜSCH UROLOGY

For almost every application



Teleflex

UROLOGY

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RÜSCH

SUPERIOR QUALITY

Under the RÜSCH brand name, Teleflex provides well-known quality products for almost every area of urology – from transurethral urinary drainage to urodynamics.

More than 100 years of know-how have gone into each of our products, and with this probably unique experience we have been able to make them as simple, comfortable and safe as possible, for patients as well as for doctors and medical staff. However, we are not content with what we have achieved. Our constant search for perfection through continuous research and development plus the use of new technologies has resulted in medical products the quality of which sets the standard throughout the world.

FOR ALMOST EVERY APPLICATION

Our extensive range of urology products offers you high-quality instruments for almost every application – be it standard or special – and thus enables you to cater optimally for your patients.

FOR CHILDREN ONLY THE BEST

Children are more sensitive to surgical interventions than adults. That is why it is good to know that all our products are manufactured with particular care, right down to the last detail, and that special attention is paid to tips and eyes to make sure they are completely smooth and rounded.

NO COMPROMISES REGARDING MATERIALS

Thanks to the wide range of materials used, you can find the right product for any application, which will not only meet your patients' needs but also provide economical solutions. In addition, the high quality standard of all RÜSCH materials guarantees maximum safety.







THE RIGHT SIZE FOR EVERY PATIENT

We offer you a comprehensive range of sizes to choose from – especially in the fields of transurethral and suprapubic urinary drainage, ureteral stents and ureteral catheters.

FOLEYS FOR ALL CASES

We provide a broad range of Foley catheters for trans-urethral urine drainage made of various materials, with various tips, in all the required sizes, for short and long-term drainage, and for postoperative use. No matter which Foley catheter you choose, the ease and safety of handling and high patient comfort guarantee optimal patient care, while always remaining economical.







Whether for standard use or special uses, Teleflex Medical's RÜSCH catheters always provide the right tip for ease of insertion. A broad range with the perfect product for every application, whether for short or long-term use.

TIPS
cylindrical

Tiemann

Couvelaire

Dufour

Mercier

whistle tip


MATERIALS	DURATION OF USE IN WEEKS					
	1	2	3	4	5	6
Silicone (Rüsch Brilliant) <ul style="list-style-type: none"> • biocompatible, biostable, non-allergenic • surface inhibits encrustation • high drainage capacity, also ideal for long-term use • safe and easy to insert • high patient comfort 						
Silicone elastomer coated latex (SiLaSil) <ul style="list-style-type: none"> • abrasion-resistant coating inside and outside • flexible latex shaft • smooth surface inside and outside • reduced tendency to encrustation • can be left in longer than latex 						
Latex (Rüsch Gold) <ul style="list-style-type: none"> • particularly economical 						
PVC (SoftSimplastic) <ul style="list-style-type: none"> • efficient drainage • safe and easy to insert • adapts to anatomical situation • efficient aspiration of blood clots and resected tissue • very good for postoperative use 						

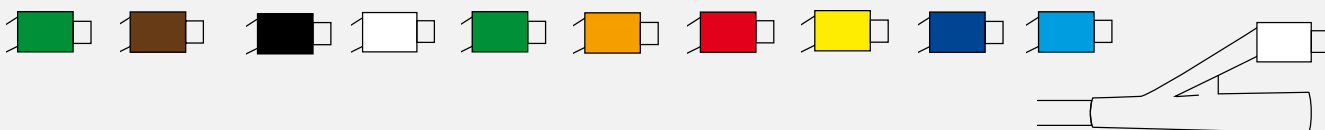


Catheter external diameter, e.g.
18 Charrière/French = 6 mm

EYE ARRANGEMENTS			
	1 eye		2 eyes, staggered
	2 opposing eyes		3 eyes, staggered
	2 eyes, side by side		over entire tip (TUR)

Colour code:

Ch. 6 Ch. 8 Ch. 10 Ch. 12 Ch. 14 Ch. 16 Ch. 18 Ch. 20 Ch. 22 Ch. 24 Ch. 26/28/30




1 TRANSURETHRAL FOLEY CATHETERS

1.1 STANDARD 2-WAY DRAINAGE

PROFILCATH GLYCERINE

Silicone with
longitudinal grooves



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	171505	cylindrical, solid tip				
		Ch. 12-24	10 ml	2 opposing eyes	approx. 41 cm	5

PROFILCATH AQUAFLATE GLYCERINE BRILLANT FOLEY CATHETER


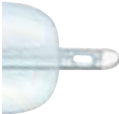

made of silicone, transparent, with
longitudinal grooves for drainage of
urethral secretions, with pre-filled
syringe for balloon inflation

- pre-filled syringe in sterile packaging (10 ml sterile 10% glycerine solution)
- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

AQUAFLATE GLYCERINE

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	178000	cylindrical, solid tip				
		Ch. 12-24	10 ml	2 opposing eyes	approx. 41 cm	5
	178001	for WOMEN, cylindrical, solid tip				
		Ch. 12-24	10 ml	2 opposing eyes	approx. 23 cm	5
	178305	Tiemann				
		Ch. 12-24	10 ml	1 eye	approx. 41 cm	5

AQUAFLATE GLYCERINE BRILLANT FOLEY CATHETER



made of silicone, transparent,
with pre-filled syringe for balloon
inflation

- pre-filled syringe in sterile packaging (10 ml sterile 10% glycerine solution)
- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

RÜSCH BRILLANT

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	170605	cylindrical, solid tip				
		Ch. 12-24	10 ml	2 opposing eyes	approx. 41 cm	10
	171305	Tiemann				
		Ch. 12-24	10 ml	1 eye	approx. 41 cm	5

RÜSCH BRILLANT FOLEY CATHETER

made of silicone, transparent

- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

* These products contain natural rubber latex which may cause allergic reactions.

SILASIL FOLEY CATHETER



made of latex, abrasion-resistant silicone elastomer inner and outer coating, blue

- abrasion-resistant silicone elastomer coating on the inside and outside
- valve for Luer and Luer-lock syringe tips
- sterile, single use

SILASIL

Latex
Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	186005*	cylindrical				
		Ch. 12/14 Ch. 16-30	5-10 ml 5-15 ml	2 opposing eyes	approx. 40 cm	10
	186505*	Tiemann				
		Ch. 12/14 Ch. 16-24	5-10 ml 5-15 ml	1 eye	approx. 40 cm	10

RÜSCH GOLD FOLEY CATHETER




made of latex, yellow

- valve for Luer and Luer-lock syringe tips
- for short-term drainage
- siliconised
- sterile, single use

RÜSCH GOLD

Latex



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	180605*	cylindrical				
		Ch. 12/14 Ch. 16-30	5-10 ml 5-15 ml	2 opposing eyes	approx. 40 cm	10
	180105*	for WOMEN, cylindrical				
		Ch. 12/14 Ch. 16-22	5-10 ml 5-15 ml	2 opposing eyes	approx. 25 cm	10
	181305*	Tiemann				
		Ch. 12/14 Ch. 16-26	5-10 ml 5-15 ml	1 eye	approx. 40 cm	10

SOFTSIMPLASTIC FOLEY CATHETER

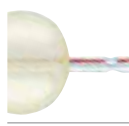

made of PVC, transparent

- thermosensitive
- latex balloon
- valve for Luer and Luer-lock syringe tips
- **red** contrast stripe along the catheter shaft
- sterile, single use

SOFTSIMPLASTIC

PVC




	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	660610*	cylindrical				
		Ch. 12-26	10 ml	2 opposing eyes	approx. 42 cm	10
	661610*	Tiemann				
		Ch. 14-22	10 ml	1 eye	approx. 42 cm	10

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

WIRUTHAN®

Polyurethane



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	331305*	Tiemann				
		Ch. 6/8 Ch. 10/12	3 ml 5 ml	1 eye	approx. 40 cm	5

RÜSCH FOLEY CATHETER


made of polyurethane, transparent

- with latex Rüsch Gold balloon
- valve for Luer and Luer-lock syringe tips
- sterile, single use

ROBUSTA RUBBER

Rubber



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	201661*	Tiemann				
		Ch. 10 Ch. 12-24	3-5 ml 5-15 ml	1 eye	approx. 40 cm	10

FOLEY CATHETER

made of Robusta rubber, red

- with latex coating
- with latex Rüsch Gold balloon
- valve for Luer and Luer-lock syringe tips
- sterile, single use

THE RIGHT MATERIAL FOR EVERY USE

Silicone – ideal for long-term use

RÜSCH Brilliant Foley catheters, made of pure colourless silicone, are distinguished by their smooth surface, both on the outer and inner lumen. Combined with the inertness of the material, urethral irritation and encrustation are largely avoided. Silicone also possesses high biocompatibility and biostability. Spontaneous reactions in the patient due to the material are unknown.

Because of its good tolerability, silicone is the ideal catheter material, even for long-term use. The strong and yet highly flexible material ensures easy and safe passage, offers a high degree of comfort and allows high drainage capacity.

The transparency of the silicone facilitates visual assessment of the inner lumen and allows a decision to be made about whether a catheter change is necessary.

RÜSCH silicone Foley catheters are characterised by outstanding cost effectiveness due to their excellent long-term characteristics.

Latex*

RÜSCH GOLD Foley catheters are made of a natural latex compound. This material is the one most commonly used for standard as well as postoperative applications.

SiLaSil – latex* coated with silicone elastomer

The structure of the silicone coating gives these catheters their name: SiLaSil = silicone layer – latex core – silicone layer. The latex shaft provides high flexibility. The abrasion-resistant smooth silicone coating reduces the possibility of encrustation and increases the indwelling time. Thus, SiLaSil catheters combine the positive characteristics of latex and silicone and provide high patient comfort with cost effectiveness.

PVC – ideal for postoperative use

This high-quality thermosensitive material is particularly suitable for postoperative irrigation and drainage catheters. The plastic is still firm during introduction, which facilitates catheterisation.

Heat from body contact makes PVC flexible, so the catheter can adapt optimally to the patient's anatomy. This increases patient comfort. The very large internal diameters relative to the outer diameters ensure high drainage capacity. Stable catheter walls allow safe irrigation and offer high resistance to collapse during aspiration of blood clots and resected tissue.

* These products contain natural rubber latex which may cause allergic reactions.

1.2 CATHETERS FOR POSTOPERATIVE DRAINAGE, 2- AND 3-WAY

RÜSCH BRILLANT FOLEY CATHETER

made of silicone, transparent

Catheter for postoperative drainage, 2-way

- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

RÜSCH BRILLANT

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	170630	cylindrical, solid tip				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	10
	172530	Couvelaire				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5

SOFTSIMPLASTIC FOLEY CATHETER

made of PVC, transparent

Catheter for postoperative drainage, 2-way

- thermosensitive
- latex balloon
- valve for Luer and Luer-lock syringe tips
- **red** contrast stripe along the catheter shaft
- sterile, single use

SOFTSIMPLASTIC

PVC






	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	660630*	cylindrical				
		Ch. 14-28	30 ml	2 opposing eyes	approx. 42 cm	10
	661630*	Tiemann				
		Ch. 14-22	30 ml	1 eye	approx. 42 cm	10
	662530* 662575*	Couvelaire				
		Ch. 16-24 Ch. 18-24	30 ml 75 ml	2 opposing eyes	approx. 42 cm	10
	662630* 662675*	Dufour				
		Ch. 18-24 Ch. 18-24	30 ml 75 ml	2 eyes, staggered	approx. 42 cm	10
	662430*	Mercier				
		Ch. 14-24	30 ml	2 eyes, staggered	approx. 42 cm	10
	663630*	whistle tip				
		Ch. 14-28	30 ml	1 eye	approx. 42 cm	10

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

* These products contain natural rubber latex which may cause allergic reactions.

RÜSCH
GOLD
Latex




	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	180630*	cylindrical				
		Ch. 12/14 Ch. 16-30	30 ml 30-50 ml	2 opposing eyes	approx. 40 cm	10
	181330*	Tiemann				
		Ch. 14 Ch. 16-24	30 ml 30-50 ml	1 eye	approx. 40 cm	10


RÜSCH GOLD FOLEY CATHETER
made of latex, yellow

Catheter for postoperative drainage, 2-way

- valve for Luer and Luer-lock syringe tips
- siliconised
- sterile, single use

RÜSCH GOLD,
ARMOURED
Armoured latex



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	183530*	cylindrical				
		Ch. 18-24	30-50 ml	2 eyes, staggered	approx. 40 cm	10


The spiral in the wall enables the greatest flexibility possible, a consistently large lumen and high tension.




RÜSCH GOLD FOLEY CATHETER
made of latex, armoured, yellow

Catheter for postoperative drainage, 2-way

- valve for Luer and Luer-lock syringe tips
- siliconised
- sterile, single use

ROBUSTA
RUBBER
Rubber



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	201665*	Tiemann				
		Ch. 12-24	30-50 ml	1 eye	approx. 40 cm	10
	202201*	Delinotte, Mercier tip				
		Ch. 18-24	50 ml	2 eyes, staggered	approx. 40 cm	5
	202600*	Dufour				
		Ch. 16-24	50 ml	2 eyes, staggered	approx. 40 cm	5

FOLEY CATHETER
made of Robusta rubber, red

Catheter for postoperative drainage, 2-way

- with latex coating
- with Rüsch Gold latex balloon
- valve for Luer and Luer-lock syringe tips
- sterile, single use







RÜSCH BRILLANT FOLEY CATHETER

made of silicone, transparent

Catheter for postoperative drainage, 3-way

- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

RÜSCH BRILLANT
Silicone




	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	173830	cylindrical, solid tip				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5
	173810	Ch. 16/18 Ch. 20-24	80 ml 100 ml	2 eyes, staggered	approx. 41 cm	5
	173930	Couvelaire				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5
	173910	Ch. 16/18 Ch. 20-24	80 ml 100 ml	2 eyes, staggered	approx. 41 cm	5
	174030	Dufour				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5
	174130	Mercier				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5

PROFILCATH RÜSCH BRILLANT FOLEY CATHETERmade of silicone, transparent,
with longitudinal grooves for drainage of urethral secretion

Catheter for postoperative drainage, 3-way

- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

PROFILCATH
Silicone with
longitudinal grooves

	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	173430	cylindrical, solid tip				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5
	173230	Couvelaire				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5
	173330	with instillation lumen for medical treatment of the urethra, instillation opening below the balloon, cylindrical, solid tip				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5





3-WAY
SILICONE FOLEY
Silicone



FOLEY CATHETER
made of silicone, transparent

Catheter for postoperative drainage, 3-way

- large volume balloon fits closely to the shaft
- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	173800	cylindrical				
		Ch. 16	40 ml	2 eyes, staggered	approx. 42 cm	5
		Ch. 18	50 ml			
		Ch. 20	60 ml			
		Ch. 22	70 ml			
		Ch. 24	80 ml			
	173900	Couvelaire				
		Ch. 16	40 ml	2 eyes, staggered	approx. 42 cm	5
		Ch. 18	50 ml			
		Ch. 20	60 ml			
		Ch. 22	70 ml			
		Ch. 24	80 ml			
	174000	Dufour				
		Ch. 16	40 ml	2 eyes, staggered	approx. 42 cm	5
		Ch. 18	50 ml			
		Ch. 20	60 ml			
		Ch. 22	70 ml			
		Ch. 24	80 ml			
	174100	Mercier				
		Ch. 16	40 ml	2 eyes, staggered	approx. 42 cm	5
		Ch. 18	50 ml			
		Ch. 20	60 ml			
		Ch. 22	70 ml			
		Ch. 24	80 ml			

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

* These products contain natural rubber latex which may cause allergic reactions.

**SOFTSIMPLASTIC
FOLEY CATHETER**

made of PVC, transparent

Catheter for postoperative drainage, 3-way

- thermosensitive
- latex balloon
- valve for Luer and Luer-lock syringe tips
- red contrast stripe along the catheter shaft
- sterile, single use

**SOFTSIMPLASTIC
PVC**



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	664330*	cylindrical				
		Ch. 18-24	30 ml	2 eyes, side by side	approx. 42 cm	10
	664130* 664176*	Couvelaire				
		Ch. 16-24 Ch. 18-24	30 ml 75 ml	2 opposing eyes	approx. 42 cm	10
	664530* 664575*	Dufour				
		Ch. 18-22 Ch. 18-24	30 ml 75 ml	2 eyes, staggered	approx. 42 cm	10
	664230* 664275*	Mercier				
		Ch. 20-24 Ch. 18-24	30 ml 75 ml	2 eyes in front and 1 eye behind balloon 2 eyes, staggered	approx. 42 cm	10
	663230*	whistle tip				
		Ch. 18-24	30 ml	2 eyes, side by side	approx. 42 cm	10

RÜSCH GOLD FOLEY CATHETER

made of latex, yellow

Catheter for postoperative drainage, 3-way

- valve for Luer and Luer-lock syringe tips
- siliconised
- sterile, single use

**RÜSCH GOLD
Latex**



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	183405*	cylindrical				
		Ch. 18-26	5-15 ml	2 eyes, side by side	approx. 40 cm	10
	183430*	cylindrical				
		Ch. 18-26	30-50 ml	2 eyes, side by side	approx. 40 cm	10
	183230*	whistle tip				
		Ch. 18-24	30-50 ml	2 eyes, side by side	approx. 40 cm	10

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

RÜSCH GOLD, ARMOURED

Armoured latex



RÜSCH GOLD FOLEY CATHETER

made of latex, armoured, yellow

Catheter for postoperative drainage, 3-way

- valve for Luer and Luer-lock syringe tips
- siliconised
- sterile, single use

	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	183830*	cylindrical				
		Ch. 18-24	30-50 ml	2 eyes, side by side	approx. 40 cm	10
	183960*	Couvelaire				
		Ch. 18-24	30-50 ml	2 eyes, staggered	approx. 40 cm	10
	183930*	whistle tip				
		Ch. 18-24	30-50 ml	2 eyes, side by side	approx. 40 cm	10
	184110*	TUR catheter, cylindrical, Mercier tip				
		Ch. 18-24	50-100 ml	drainage holes over the whole tip	approx. 40 cm	10

The spiral in the wall enables the greatest flexibility possible, a consistently large lumen and high tension.

ROBUSTA RUBBER

Rubber



FOLEY CATHETER

made of Robusta rubber, red

Catheter for postoperative drainage, 3-way

- with latex coating
- with Rüsch Gold latex balloon
- valve for Luer and Luer-lock syringe tips
- sterile, single use

	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	204500* 204502*	Dufour				
		Ch. 16-26 Ch. 18-24	50 ml 50-100 ml	2 eyes, staggered	approx. 40 cm	5
	204401* 204410*	Frohmüller, Mercier tip				
		Ch. 18-26 Ch. 20-26	50 ml 50-100 ml	3 eyes, staggered	approx. 40 cm	5

Tip: For safety reasons, all our balloons with a capacity of up to 100 ml (100 ml balloon) have a slightly enlarged circumference.

1.3 FOLEY CATHETERS FOR CHILDREN

AQUAFLATE GLYCERINE BRILLANT FOLEY CATHETER

made of silicone, transparent,
with prefilled syringe for balloon
inflation

- prefilled syringe in sterile packaging (1.5, 3 or 5 ml sterile 10% glycerine solution)
- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

AQUAFLATE GLYCERINE

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	178003	cylindrical, with stylet, solid tip				
		Ch. 6 Ch. 8 Ch. 10	1.5 ml 3 ml 5 ml	2 opposing eyes	approx. 31 cm	5
	178004	Tiemann, with stylet				
		Ch. 8 Ch. 10	3 ml 5 ml	1 eye	approx. 31 cm	5

RÜSCH BRILLANT FOLEY CATHETER

made of silicone, transparent

- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

RÜSCH BRILLANT

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	170003	cylindrical, with stylet, solid tip				
		Ch. 6 Ch. 8 Ch. 10	1.5 ml 3 ml 5 ml	2 opposing eyes	approx. 31 cm	5
	170004	Tiemann, with stylet				
		Ch. 8 Ch. 10	3 ml 5 ml	1 eye	approx. 31 cm	5

RÜSCH GOLD FOLEY CATHETER

made of latex, yellow

- valve for Luer and Luer-lock syringe tips
- for short-term drainage
- siliconised
- sterile, single use

RÜSCH GOLD

Latex



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	180003*	cylindrical, with stylet				
		Ch. 8/10	3 ml	2 opposing eyes	approx. 30 cm	10

* This product contains natural rubber latex which may cause allergic reactions.

* This product contains natural rubber latex which may cause allergic reactions.

WIRUTHAN® Polyurethane



RÜSCH FOLEY CATHETER

made of polyurethane, transparent

- with Rüsch Gold latex balloon
- valve for Luer and Luer-lock syringe tips
- sterile, single use

	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	331505*	cylindrical				
		Ch. 6/8 Ch. 10/12	3 ml 5 ml	1 eye	approx. 25 cm	5

RÜSCH SENSOR Silicone



RÜSCH SENSOR FOLEY CATHETER

for temperature measurement, made of silicone, transparent

- colour-coded shrink-sleeve for easy identification of size
- with prefilled syringe in sterile packaging (3 ml/5 ml sterile 10% glycerine solution)
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

¹ Ref. 179360 in Ch. 12-18 see page 14.

ADAPTER CABLES FOR RÜSCH SENSOR

	REF.	ADAPTER	LENGTH	QTY
	179312	Hospital plug , 6.3 mm for Siemens, Dräger, Datex, Hellige, etc.	5.0 m	1
	179313	Siemens round plug , 7-pole	3.5 m	1
	179314	HP round plug , 2-pole, for Hewlett Packard	5.0 m	1
	179316	Cool Gard CG 3000 , 2-pole	5.0 m	1

Note: All rüsch adapter cables are equipped with a towel clamp.

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

1.4 SPECIAL CATHETERS

BALLOON CATHETER FOR THE NEOBLADDER FOR POSTOPERATIVE DRAINAGE


made of silicone, transparent, with longitudinal grooves for drainage of urethral secretions, 3-way

- valve for Luer and Luer-lock syringe tips
- sterile, single use
- **latex-free**

CATHETER FOR THE NEOBLADDER

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	173420	central open tip, approx. 4 cm long				
		Ch. 20 Ch. 22	20 ml 30 ml	6 opposing eyes	approx. 40 cm	5

RÜSCH SENSOR FOLEY CATHETER


for temperature measurement, made of silicone, transparent, 2-way

- colour-coded shrink-sleeve for easy identification of size
- with prefilled syringe in sterile packaging (3 ml/5 ml/10 ml sterile 10% glycerine solution)
- radiopaque tip and contrast stripe along the catheter shaft
- sterile, single use
- **latex-free**

RÜSCH SENSOR

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	179360	cylindrical				
		Ch. 8 Ch. 10 Ch. 12-18	3 ml 5 ml 10 ml	2 opposing eyes	approx. 30 cm approx. 30 cm approx. 44 cm	5

Adapter cables see p. 13

CATHETER FOR RADIOGRAPHIC VISUALISATION OF THE FEMALE URETHRA


made of silicone, transparent, 2-way

- valve for Luer and Luer-lock syringe tips
- freely movable cone
- radiopaque tip
- sterile, single use
- **latex-free**

CATHETER FOR RADIOGRAPHIC VISUALISATION

Silicone



	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	173705	cylindrical, 3 drainage openings for X-ray contrast medium				
		Ch. 14	10 ml	2 opposing eyes	approx. 40 cm	1

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

CHAIN
CATHETER SET



	REF.	MATERIAL	SIZE	LENGTH	QTY
	345500	Chain catheter set			
		Insertion probe, white polyurethane	Ch. 7	5 cm	2
		Chromium-plated brass chain with fixation disc made of silicone	Ch. 12	16 cm	
		Insertion sheath, green polyurethane	Ch. 7	24 cm	

CHAIN CATHETER SET FOR RADIOGRAPHIC VISUALISATION OF THE FEMALE URETHRA
Contrast medium injection, X-ray visualisation and urine specimen collection with one and the same instrument.

- Contrast medium injector made of stainless steel with Luer-lock fitting made of PVC (approx. 28 cm long)
- Insertion stylet made of stainless steel (approx. 32.5 cm long)
- sterile, single use
- **latex-free**

CATHETER FOR
RADIATION
MEASUREMENT
Polyurethane










	REF.	ORDER SIZE	BALLOON	LENGTH	QTY
	333464*	cylindrical			
		Ch. 18	10 ml	approx. 41 cm	10

CATHETER FOR RADIATION MEASUREMENT
made of polyurethane, 2-way

- latex balloon
- valve for Luer and Luer-lock syringe tips
- sterile, single use

* This product contains natural rubber latex which may cause allergic reactions.

1.5 ACCESSORIES

	REF.	DESCRIPTION	QTY
	204501	Adjustable flange	
		<ul style="list-style-type: none"> • to fix haemostatic catheters • for catheters in size Ch. 24 • sterile, single use 	5
	546000	Catheter stylet, made of metal	
		<ul style="list-style-type: none"> • Thompson pattern (one straight and one curved end) • diameter 2.5 mm • approx. 55 cm long • unsterile 	1
	548000	Catheter plug, made of blue PVC	
		<ul style="list-style-type: none"> • for Ch. 7-30 • unsterile • latex-free 	100
	548500	Catheter plug, made of blue PVC	
		<ul style="list-style-type: none"> • for Ch. 7-30 • individual packaging • blunt-nosed • sterile, single use • latex-free 	50
	556000	SILKOSPRAY®	
		Silkospray® prevents encrustation of rubber, latex and PVC devices and also prevents them from sticking to the mucosa. The propellant used contains no CFCs and complies with environmental regulations.	10
	187501 187502	Perineal drape, made of plastic	
		<ul style="list-style-type: none"> • without adhesive tape • with adhesive tape 	
		<ul style="list-style-type: none"> • sterile, single use • latex-free 	50
	850550	SilFlate, prefilled syringe*	
		<ul style="list-style-type: none"> • with sterile 10% aqueous glycerine solution • 10 ml • sterile, single use <p>* Attention: To inflate silicone balloons only!</p>	10

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

2 BLADDER CATHETERS WITHOUT BALLOON

2.1 CATHETERS MADE OF PVC

CATHETERS PVC



	REF.	ORDER SIZE	EYES	LENGTH	QTY
	250100	aseptic solid tip			
		Ch. 6-22	1 eye	approx. 37 cm	5
	251500	olive tip			
		Ch. 8-18	1 eye	approx. 37 cm	5
	252000	Mercier pattern			
		Ch. 8-24	1 eye	approx. 37 cm	5
	254800	Couvelaire pattern, whistle tip			
		Ch. 14-24	2 eyes, staggered	approx. 37 cm	10
	259700	Tiemann pattern			
		Ch. 6-24	1 eye	approx. 37 cm	5

CATHETERS made of PVC

- red
- with funnel
- sterile
- latex-free

CATHETERS FOR WOMEN PVC



	REF.	ORDER SIZE	EYES	LENGTH	QTY
	220005	cylindrical tip, siliconised, double packed, size acc. to colour code			
		Ch. 8-16	1 eye	approx. 16 cm	50
	220006	cylindrical tip, siliconised, simple packed, size acc. to colour code			
		Ch. 8-16	1 eye	approx. 16 cm	50
	238000	cylindrical tip, double packed			
		Ch. 8-16	2 eyes, staggered	approx. 18 cm	100
	238300	cylindrical tip, simple packed			
		Ch. 8-16	2 eyes, staggered	approx. 18 cm	100

CATHETERS FOR WOMEN made of PVC

- transparent
- without funnel
- sterile, single use
- latex-free

CHARRIÈRE SIZE IS
COLOUR CODED:



Ch. 10



Ch. 14



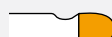
Ch. 18



Ch. 22



Ch. 12



Ch. 16









Ch. 20



Ch. 24

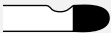
CATHETERS
made of PVC

- transparent
- with funnel
- sterile, single use
- latex-free

CATHETERS PVC					
					
	REF.	ORDER SIZE	EYES	LENGTH	QTY
	220500	Nelaton-Robinson , cylindrical aseptic solid tip, siliconised, size acc. to colour code			
		Ch. 10-24	2 eyes, staggered	approx. 40 cm	50
	238500	Nelaton-Robinson , cylindrical tip, size acc. to colour code on funnel			
		Ch. 10-24	2 eyes, staggered	approx. 40 cm	100
	221500	Couvelaire pattern , whistle tip, siliconised			
		Ch. 16-26	2 eyes, staggered	approx. 40 cm	10
	221800	Tiemann pattern , aseptic solid tip, siliconised, size acc. to colour code			
		Ch. 12-24	2 eyes, staggered	approx. 40 cm	50
	221900	Tiemann pattern , aseptic solid tip, siliconised, double packed, size acc. to colour code			
		Ch. 12-24	2 eyes, staggered	approx. 40 cm	50

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

CHARRIÈRE SIZE IS
COLOUR CODED:



Ch. 10



Ch. 14



Ch. 18



Ch. 22



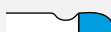
Ch. 12



Ch. 16



Ch. 20



Ch. 24

2.2 CATHETERS MADE OF RUBBER

NELATON CATHETERS






Soft rubber



NELATON CATHETERS

made of soft rubber

- red
- cylindrical
- with funnel
- sterile

	REF.	ORDER SIZE	EYES	LENGTH	QTY
	402100*	aseptic solid tip			
		Ch. 6/7/8/9/10 Ch. 12-30 ¹	1 eye	approx. 40 cm	10
	402101*	aseptic solid tip			
		Ch. 6/7/8/9/10 Ch. 12-30 ¹	2 eyes, staggered	approx. 40 cm	10
	403300*	Robinson pattern, hollow tip			
		Ch. 8-20 ¹	2 eyes, staggered	approx. 40 cm	10
	403900*	whistle tip			
		Ch. 8-22 ¹	1 eye	approx. 40 cm	10
	404300*	central opening			
		Ch. 6-26 ¹	1 eye	approx. 40 cm	10

TIEMANN CATHETERS



Robusta rubber



TIEMANN CATHETERS

made of Robusta rubber

- red
- with funnel
- sterile

	REF.	ORDER SIZE	EYES	LENGTH	QTY
	410200*	Tiemann pattern, aseptic solid tip			
		Ch. 7/8/9/10 Ch. 12-28 ¹	1 eye	approx. 40 cm	10
	410201*	Tiemann pattern, aseptic solid tip			
		Ch. 7/8/9/10 Ch. 12-26 ¹	2 eyes, staggered	approx. 40 cm	10

SELF-RETAINING CATHETERS




Latex



SELF-RETAINING CATHETERS

made of latex

- red
- with funnel
- sterile, single use

	REF.	ORDER SIZE	WINGS	LENGTH	QTY
	415100*	Pezzer pattern			
		Ch. 10-44 ¹	-	approx. 35 cm	5
	415600*	Casper pattern			
		Ch. 10-40 ¹	4	approx. 40 cm	5
	415700*	Malecot pattern			
		Ch. 10-28 ¹	2	approx. 40 cm	5

* These products contain natural rubber latex which may cause allergic reactions. ¹ Even sizes only

3 BLADDER CATHETERISATION SET

3.1 DESCRIPTION

3



BLADDER CATHETERISATION SET

REF.	DESCRIPTION	QTY
187500	<p>Sterile contents:</p> <ul style="list-style-type: none">1 x water-proof paper cloth, approx. 76 x 46 cm1 x kidney tray1 x pair of vinyl gloves XL1 x PE glove XL1 x plastic tray with 6 gauze swabs2 x gauze compresses 8 x 7.5 cm1 x water-proof drape with slit, approx. 76 x 46 cm1 x plastic tweezers1 x sachet with 5 g water-soluble lubricant <p>sterile, single use latex-free</p>	20

About 90% of all urinary tract infections are caused by urinary drainage. The risk of bacteriuria or urinary tract infection for patients with a transurethral Foley catheter increases by 3 to 10% every day during indwelling time. Apart from the health risks for the patient himself, such infections also present a big economic problem. Each transurethral application can lead to contamination with microbes. It is therefore important that catheterisation is carried out under aseptic conditions.

3.2 APPLICATION

NOTE: All materials needed for bladder catheterisation must be prepared using aseptic techniques. With the help of a second person preparation and application are much easier.

RECOMMENDATION: After informing the patient about the forthcoming bladder catheterisation, the intimate areas should be leaned thoroughly.

The patient is then placed in a flat dorsal position. Ask women to tuck up their legs and place their feet in a straddled position. Place a cloth under the patient's buttocks. Finally, disinfect your hands.

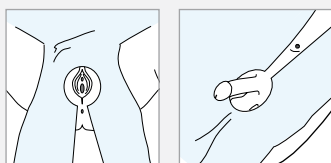


STEP 1: PREPARATION

- 1 Open the set; the outer peel-back can be kept and used as a refuse bag. Spread out the inner packaging to serve as a sterile work surface.
- 2 Put on the vinyl gloves, then the PE glove.
- 3 The second person can make sure that all additional materials used are sterile and can douse the 6 gauze swabs in the small plastic tray with disinfectant for the mucosa. If necessary, the Foley catheter can be connected to the closed urine collector before application.

STEP 2: DRAPE WITH SLIT

- 1 Using aseptic techniques, the drape with the slit is now placed on the patient with the foil side facing down. For women, the slit should point towards the feet, and for men it should point towards the head.



- 2 The kidney tray is now placed between the legs of women, or on the legs of men.

STEP 3: DISINFECTION

Disinfection of the outer genitals. Use every swab only once!

♀ PROCEDURE WITH WOMEN

(after cleaning the intimate areas if necessary):

1. and 2. swab: disinfection of labium majus (labia l. and r.)

Always from front to back!

3. and 4. swab: disinfection of nymphae (labia l. and r.)

Always from front to back!

5. swab: disinfection of urethra

6. swab: cover the vaginal entrance if necessary

♂ PROCEDURE WITH MEN

(after cleaning the intimate areas if necessary):

Pull back prepuce (foreskin). Disinfect the whole of the glans penis, from urethra to the body, using all 6 swabs.

STEP 4: CATHETERISATION

- 1 After disinfection, take off the PE glove.
Make sure the two other gloves remain sterile.
- 2 Wet the catheter tip sufficiently with the water-soluble lubricant.
- 3 Either by hand or using the plastic tweezers, carefully insert the catheter into the urethra until urine starts flowing.
- 4 In the case of indwelling Foley catheters, advance the catheter until the balloon is safely positioned in the bladder. Fill the balloon with the maximum volume indicated on the catheter funnel and pull the catheter back until slight resistance can be felt.
We recommend filling the balloons with sterile water. Balloons of silicone Foleys should preferably be filled with a sterile 10% glycerine solution.
If an indwelling Foley catheter is being used and it has not yet been connected to a sterile closed urine collector, this should be done now.
- 5 In men, the foreskin should be repositioned after catheterisation.

STEP 5: COMPLETION


- Dry the genital area if necessary.
- Fasten the urine collector to the bed, always below bladder level.
- Dispose of all materials in an environmentally suitable manner.
- Disinfect hands.




4 SUPRAPUBIC URINE DRAINAGE


4.1 SETS FOR ADULTS AND CHILDREN


4

EASYCYST ADULT		THE ECONOMICAL CATHETER MADE OF POLYURETHANE FOR SHORT AND MEDIUM-TERM CARE	
REF.		ORDER SIZE	QTY
	170718*	Puncture set	
		Ch. 8/10/12/14	10
	170717	Exchange set	
		Ch. 8/10/12/14/16	10
With pigtail – without balloon			
<ul style="list-style-type: none">• good drainage capacity even with small outer diameters due to minimal wall thickness• good compatibility due to low encrustation tendency• minimum irritation of the bladder mucosa due to the pigtail tip in the bladder• reduced invasiveness due to the small outer diameter (no balloon)• safe attachment by suture without significant constriction of the lumen due to shape-retaining polyurethane• sterile, single use• latex-free			

* The puncture set Ref. 170718 in Ch. 8 is supplied with a 30 mm long spacer.

SUPRAFLEX ADULT		THE LONG-TERM CATHETER MADE OF SILICONE FOR THE GREATEST POSSIBLE COMFORT DURING WEAR		
		REF.	ORDER SIZE	QTY
	170703	Puncture set		
		Ch. 10/12	5	
	170704	Exchange set		
		Ch. 10/12/14/16	5	
With pigtail – and balloon <ul style="list-style-type: none">• extremely high drainage capacity even during long-term usage due to low encrustation tendency and large drainage eyes on the inner side of the pigtail• greatest possible comfort during wear due to elasticity and biological compatibility• minimal irritation of the bladder mucosa due to the pigtail tip in the bladder• no suture necessary as secured by the balloon: minimally invasive• sterile, single use• latex-free				


SILFLATE		REFILLED SYRINGE*		
REF.		FILL VOLUME		QTY
	850550	SilFlate		
		10 ml	10	
	<ul style="list-style-type: none">• with sterile 10% aqueous glycerine solution• sterile, single use <p>*Attention: To inflate silicone balloons only!</p>			

SUPRACATH ADULT		THE ECONOMICAL PRODUCT MADE OF SILICONE FOR LONG-TERM CARE	
	REF.	ORDER SIZE	QTY
	170727*	Puncture set	
		Ch. 8/10/12	5
	170729*	Exchange set	
		Ch. 8/10/12/14/16	5
	170606*	Single catheter	
	Ch. 8/10/12/14/16/18/20	10	
With centrally open tip – and balloon <ul style="list-style-type: none">• high drainage capacity even during long-term care due to extremely low encrustation tendency• greatest possible comfort during wear due to elasticity and biological compatibility• exceptionally simple and quick catheter change via a guidewire thanks to the central opening and the straight tip• no suture necessary as secured by the balloon: minimally invasive• sterile, single use• latex-free			

*Ch. 14-20 with radiopaque tip


*Ch. 14-20 with radiopaque tip

EASYCYST
INFANT



THE ECONOMICAL POLYURETHANE CATHETER IS FOR THE SHORT AND MEDIUM-TERM CARE OF CHILDREN


REF.	ORDER SIZE	QTY
170723	Puncture set	
	Ch. 5	5
170722	Exchange set	
	Ch. 5	5



With pigtail – without balloon


- good drainage capacity even with small outer diameters due to minimum wall thickness
- good compatibility due to low encrustation tendency
- minimum irritation of the bladder mucosa due to the pigtail tip in the bladder
- reduced invasiveness due to the small outer diameter (no balloon)
- safe attachment by suture without significant constriction of the lumen due to shape-retaining polyurethane
- sterile, single use
- **latex-free**

SUPRAFLEX
INFANT



THE LONG-TERM CATHETER FOR CHILDREN IS MADE OF SILICONE AND OFFERS THE GREATEST POSSIBLE COMFORT DURING WEAR

REF.	ORDER SIZE	QTY
170702	Puncture set	
	Ch. 8/10	5



With pigtail – without balloon

- extremely high drainage capacity even during long-term usage due to low encrustation tendency and large drainage eyes on the inner side of the pigtail
- greatest possible comfort during wear due to elasticity and biological compatibility
- minimal irritation of the bladder mucosa due to the pigtail tip in the bladder
- sterile, single use
- **latex-free**

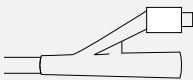
COLOUR-CODED PUNCTURE NEEDLES, CATHETERS AND BALLOON SIZES



Ch. 8 = 3 ml



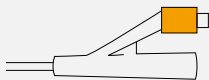
Ch. 10 = 5 ml



Ch. 12 = 10 ml



Ch. 14 = 10 ml



Ch. 16 = 10 ml

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

4.2 AN OVERVIEW OF THE SETS

PUNCTURE SETS

PUNCTURE SETS CONTAIN THE MOST IMPORTANT COMPONENTS FOR FIRST USE. RELIABLE SIZE IDENTIFICATION THANKS TO COLOUR-CODED CATHETERS AND PUNCTURE NEEDLES PROVIDES INFORMATION ON THE DRAINAGE CAPACITY.



Contents:

- catheter
- urine bag^① (not EasyCyst Infant)
- easily splittable puncture cannula
- scalpel (not EasyCyst Infant)
- adhesive tape
- clamp or plug

PUNCTURE SETS

REF.	DESIGNATION	CATHETER				ORDER SIZE	PUNCTURE NEEDLE	QTY
		DESIGN	BALLOON	MATERIAL	LENGTH		PUNCT. LENGTH	
170718 ^②	EASYCYST ADULT	Pigtail	–	polyurethane	550 mm	Ch. 8	80 mm	10
170718	EASYCYST ADULT	Pigtail	–	polyurethane	550 mm	Ch. 10/12/14	120 mm	10
170703	SUPRAFLEX ADULT	Pigtail	balloon	silicone	510 mm	Ch. 10/12	120 mm	5
170727	SUPRACATH ADULT	Short, straight tip	balloon	silicone	410 mm	Ch. 8/10/12	120 mm	5
170723	EASYCYST INFANT	Pigtail	–	polyurethane	500 mm	Ch. 5	70 mm	5
170702	SUPRAFLEX INFANT	Pigtail	–	silicone	480 mm	Ch. 8	80 mm	5
170702	SUPRAFLEX INFANT	Pigtail	–	silicone	480 mm	Ch. 10	120 mm	5

① 2-litre urine bag with anti-reflux valve, T-tap outlet and 90 cm inlet tubing.

② The puncture set Ref. 170718 in Ch. 8 is supplied with a 30 mm long spacer.

EXCHANGE SETS

EXCHANGE SETS ENABLE A SAFE AND QUICK CATHETER CHANGE BY MEANS OF THE ENCLOSED GUIDEWIRE. RELIABLE SIZE IDENTIFICATION THANKS TO COLOUR-CODED CATHETERS PROVIDES INFORMATION ON THE DRAINAGE CAPACITY.




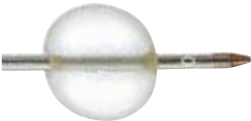
Contents:

- catheter
- guidewire with PTFE coating
- adhesive tape
- clamp or plug

EXCHANGE SETS

REF.	DESIGNATION	CATHETER				ORDER SIZE	GUIDEWIRE	QTY
		DESIGN	BALLOON	MATERIAL	LENGTH		LENGTH	
170717	EASYCYST ADULT	Pigtail	–	polyurethane	550 mm	Ch. 8/10/12/14/16	1000 mm	10
170704	SUPRAFLEX ADULT	Pigtail	balloon	silicone	510 mm	Ch. 10/12/14/16	1000 mm	5
170729	SUPRACATH ADULT	Short, straight tip	balloon	silicone	410 mm	Ch. 8/10/12/14/16	1000 mm	5
170722	EASYCYST INFANT	Pigtail	–	polyurethane	500 mm	Ch. 5	1000 mm	5

4.3 PUNCTURE INSTRUMENT FOR EMERGENCY APPLICATIONS

SIMPLASTIC	PUNCTURE AND URINE DRAINAGE WITHIN SECONDS		
	REF.	ORDER SIZE	QTY
	650704*	Puncture instrument	
		Ch. 10/12/16	5
	<p>Puncture instrument made of PVC with latex balloon for emergency applications</p> <ul style="list-style-type: none">• puncture and urine drainage in one step with integrated trocar and catheter• exactness of puncture thanks to integrated adjustable spacer• safe fixation of the catheter by means of balloon and fixing plate• sterile, single use		
	<p>SPEED WHEN EVERY SECOND COUNTS Apply a local anaesthetic, make a small incision and insert the puncture instrument: urine can be drained immediately.</p>		

* This product contains natural rubber latex which may cause allergic reactions.

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

5 URINE COLLECTORS

5.1 PRECONNECTED

SAFE AND HYGIENIC:

About 90% of all nosocomial urinary tract infections are caused by urinary drainage. Apart from the health risks to the patient, such infections are also a major economic problem. RÜSCH offers a variety of products which reduce the risk of infection. The closed urinary drainage system represents one of the most important elements of prophylaxis against infections. RÜSCH urinary drainage systems meet all the hygienic demands of a high-quality closed system for long-term medical care.

PRECONNECTED: MAXIMUM PROPHYLAXIS AGAINST INFECTIONS DURING STANDARD MEDICAL CARE



Reduction in intraluminal urinary tract infections: The connection between catheter and closed urinary drainage system is safeguarded via a protective foil – thus preventing unintentional disconnection and an associated invasion of bacteria. (If necessary, the foil can be removed).



Economic and quick: No need for connection – saves time and reduces the number of application mistakes during catheterisation.


PRECONNECTED

CLOSED URINARY DRAINAGE SYSTEM WITH SILICONE BALLOON CATHETER
FOR STANDARD DRAINAGE OVER LONG PERIODS

	REF.	COMPOSITION	ORDER SIZE	QTY
Sterile, single use, latex-free	171100	PRECONNECTED		10
		Rüsch Brilliant silicone balloon catheter	Ch. 12/14/16/18/20/22	
		cylindrical solid tip, 2 opposing eyes, length approx. 41 cm, balloon 10 ml		
		Closed urinary drainage system Rüsch S-Bag		
		capacity 2000 ml, length of tube 120 cm		
		SilFlate – prefilled syringe*		
		with sterile 10% aqueous glycerine solution, 10 ml (Ref. 850550, if ordered separately)		
		*Attention: To inflate silicone balloons only!		
Rüsch Brilliant silicone balloon catheter <ul style="list-style-type: none"> transparent 2-way catheter with radiopaque tip and contrast stripe along the catheter shaft silicone guarantees constant elasticity and biocompatibility large eyes and large inner lumen permit high drainage performance minimal tendency to incrustation thanks to smooth surfaces atraumatic tip and eyes enclosed prefilled syringe for inflation of the balloon, in sterile packaging, 10 ml sterile 10% aqueous glycerine solution 				
Rüsch S-Bag <ul style="list-style-type: none"> ridged universal connector needle-free urine sampling port vented drip chamber with integrated non-reflux valve additional bacteria-proof and liquid-tight ventilation at the bag clear graduation in ml flexible, kink-resistant inlet tubing with sheet clip and slide clamp optimum fastening of the system thanks to a double hook with additional cord non-dripping bottom outlet with one-hand clamp doghouse holder to fix the outlet tube 				

5.2 CLOSED URINARY DRAINAGE SYSTEMS


RÜSCH S-BAG		CLOSED URINARY DRAINAGE SYSTEM FOR STANDARD DRAINAGE OVER LONG PERIODS			
	REF.		CAPACITY	TUBE LENGTH	QTY
Sterile, single use, latex-free	673044-000000 673049-000000 673049-002500	Rüsch S-Bag Rüsch S-Bag A Rüsch S-Bag I	2000 ml 2000 ml 2500 ml	120 cm	20
		<ul style="list-style-type: none"> • ridged universal connector with protective cap • needle-free urine sampling port • vented drip chamber with integrated non-reflux valve • additional bacteria-proof and liquid-tight ventilation at the bag • clear graduation in ml • flexible, kink-resistant inlet tubing with sheet clip and slide clamp • optimum fastening of the system thanks to a double hook with additional cord • non-dripping bottom outlet with one-hand clamp (Ref. 673044-000000) or with T-tap valve (Ref. 673049-000000 and Ref. 673049-002500) • doghouse holder to fix the outlet tube 			 T-tap outlet Ref. 673049-000000 and Ref. 673049-002500

RÜSCH P-BAG		CLOSED URINARY DRAINAGE SYSTEM FOR CHILDREN FOR STANDARD DRAINAGE OVER LONG PERIODS			
	REF.		CAPACITY	TUBE LENGTH	QTY
Sterile, single use, latex-free	673052-000000	Rüsch P-Bag	1000 ml	90 cm	20
		<ul style="list-style-type: none"> • ridged universal connector with protective cap • needle-free urine sampling port • vented drip chamber with integrated non-reflux valve • additional bacteria-proof and liquid-tight ventilation at the bag • clear graduation in ml • flexible, kink-resistant inlet tubing with sheet clip and slide clamp • optimum fastening of the system thanks to a double hook with additional cord • non-dripping bottom outlet with one-hand clamp • doghouse holder to fix the outlet tube 			


WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE


RÜSCH CLOSED URINE METER SYSTEMS

URINE DRAINAGE SYSTEMS CONSISTING OF URINE METER AND URINE COLLECTOR


	REF.	CAPACITY URINE METER	CAPACITY URINE COLLECTOR	TUBE LENGTH	QTY
Sterile, single use, latex-free	673081-000000 673082-000000	500 ml	2000 ml	150 cm 120 cm	10
<div style="display: flex; align-items: flex-start;">  <div style="margin-left: 20px;"> <p>Urine meter:</p> <ul style="list-style-type: none"> • 500 ml capacity with integrated measurement chamber for small amounts (1 ml graduation) • ridged universal connector with protective cap • needle-free urine sampling port • tube reinforcement above drip chamber • vented drip chamber with integrated non-reflux valve • additional bacteria-proof and liquid-tight ventilation • flexible, kink-resistant inlet tubing with sheet clip and slide clamp • lateral straps for optimum fastening • easy to use bottom outlet valve • safety overflow inside the urine meter (in case the urine meter is overfilled, the urine flows directly into the urine collector without opening the bottom outlet valve of the meter) <p>Urine collector:</p> <ul style="list-style-type: none"> • 2000 ml capacity • non-reflux valve • bacteria-proof and liquid-tight ventilation • clear graduation in ml • T-tap outlet valve • slit to fix the outlet tube </div> </div>					


EXCHANGE COLLECTOR FOR REF. 673081-000000 AND REF. 673082-000000

	REF.	CAPACITY	QTY
Sterile, single use, latex-free	673083-000000	2000 ml	50
<div style="display: flex; align-items: flex-start;">  <div style="margin-left: 20px;"> <ul style="list-style-type: none"> • non-reflux valve • bacteria-proof and liquid-tight ventilation • clear graduation in ml • T-tap outlet valve • slit to fix the outlet tube </div> </div>			

RÜSCH U-BAG		CLOSED URINARY DRAINAGE SYSTEM WITH INTEGRATED 400 ML MEASUREMENT CHAMBER			
	REF.		CAPACITY	TUBE LENGTH	QTY
Sterile, single use, latex-free	673064-000000 673065-000000	Rüsch U-Bag	2000 ml	120 cm 150 cm	10
		<ul style="list-style-type: none"> • ridged universal connector with protective cap • needle-free urine sampling port • vented drip chamber with integrated non-reflux valve • 400 ml mounted pivoting double measurement chamber with integrated 50 ml measurement chamber for small amounts and additional sampling port for fresh urine • additional bacteria-proof and liquid-tight ventilation at the measurement chamber and bag • clear graduation in ml • flexible, kink-resistant inlet tubing with sheet clip and slide clamp • optimum fastening of the system thanks to a Velcro band with D-ring • non-dripping bottom outlet with one-hand clamp • doghouse holder to fix the outlet tube 			


WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

RÜSCH TUR-BAG		CLOSED URINARY DRAINAGE SYSTEM FOR POSTOPERATIVE BLADDER IRRIGATION AND DRAINAGE			
	REF.		CAPACITY	TUBE LENGTH	QTY
Sterile, single use, latex-free	673053-000000	Rüsch TUR-Bag	4000 ml	120 cm	20
		<ul style="list-style-type: none">• ridged universal connector with protective cap• needle-free urine sampling port• vented drip chamber with integrated non-reflux valve• additional bacteria-proof and liquid-tight ventilation at the bag• clear graduation in ml• flexible, kink-resistant inlet tubing with sheet clip and slide clamp• optimum fastening of the system thanks to a double hook with additional cord• exact reading thanks to balanced position of bag• non-dripping T-tap bottom outlet• doghouse holder to fix the outlet tube			

RÜSCH TUR-BAG WITH BULB		CLOSED URINARY DRAINAGE SYSTEM FOR POSTOPERATIVE BLADDER IRRIGATION AND DRAINAGE			
	REF.		CAPACITY	TUBE LENGTH	QTY
Sterile, single use, latex-free	673054-000000	Rüsch TUR-Bag	4000 ml	120 cm	10
		<ul style="list-style-type: none">• ridged universal connector with protective cap• needle-free urine sampling port• vented drip chamber with integrated non-reflux valve• additional bacteria-proof and liquid-tight ventilation at the bag• clear graduation in ml• flexible, kink-resistant, inlet tubing with suction bulb, sheet clip and slide clamp• optimum fastening of the system thanks to a double hook with additional cord• exact reading thanks to balanced position of bag• non-dripping T-tap bottom outlet• doghouse holder to fix the outlet tube			

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

5.3 ACCESSORIES

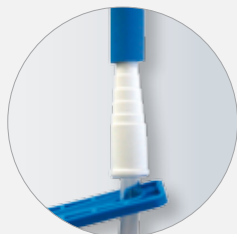
URINE COLLECTION BAG	URINE COLLECTION BAG TO EMPTY URINE DRAINAGE SYSTEMS AND FOR THE DISPOSAL OF URINE		
	REF.	CAPACITY	QTY
Non-sterile, single use, latex-free	673045-000000	2000 ml	250
	<ul style="list-style-type: none"> • 2000 ml bag with ml graduation • ridged universal connector with protective cap, suitable for all urine drainage systems with elastic outlet tube¹ • sliding clamp at the inlet tubing to close the bag 		
	<p>¹The urine collection bag Ref. 673045-000000 ideally fits our closed urinary drainage systems:</p> <p>Preconnected (Ref. 171100), Rüsch S-Bag (Ref. 673044-000000), Rüsch P-Bag (Ref. 673052-000000), Rüsch U-Bag (Ref. 673064-000000 & 673065-000000) as well as all other urine drainage systems with elastic outlet tubes.</p>		

We can provide you with a clean and hygienic way of emptying urine drainage systems and disposing of urine.

The urine collection bag, which has been especially designed to empty urine drainage systems and dispose of their contents, can be connected directly to the outlet tube of the system. In this way you can avoid using open urine sampling containers and save the inevitable cleaning of the container after each usage.

5

URINE COLLECTION BAG WITH FEMALE CONNECTOR	URINE COLLECTION BAG TO EMPTY URINE DRAINAGE SYSTEMS AND FOR THE DISPOSAL OF URINE		
	REF.	CAPACITY	QTY
Non-sterile, single use, latex-free	673045-002000	2000 ml	250
	673045-002500	2500 ml	25
	<ul style="list-style-type: none"> • 2000 or 2500 ml bag with ml graduation • female connector, suitable for all urine drainage systems with T-tap outlet valve² • sliding clamp at the inlet tubing to close the bag 		
	<p>²The urine collection bags Ref. 673045-002000 and Ref. 673045-002500 ideally fit our closed urinary drainage systems: Rüsch S-Bag A (Ref. 673049-000000), Rüsch S-Bag I (Ref. 673049-002500), Rüsch closed urine meter systems (Ref. 673081-000000 and Ref. 673082-000000) as well as all other urine drainage systems with T-tap outlet valve.</p>		



When being emptied, the urine drainage system forms a firm and closed unit with the urine collection bag. Possible contamination of the surrounding area due to spots of urine can thus be avoided. After emptying the urine drainage system the urine collection bag can be closed by means of the sliding clamp and then disposed of. Thus the whole procedure has become safe and hygienic – an important contribution to infection prevention.

6 URETERAL CATHETERS

6.1 SUPERGLIDE URETERAL CATHETERS FOR STANDARD APPLICATIONS








SUPERGLIDE URETERAL CATHETERS

Patented hydrogel coating – the solution for all difficult passages in the ureter

- radiopaque
- cm graduation
- red / green markers to identify right / left side
- enclosed Luer-lock adapter
- with stylet
- sterile, single use
- **latex-free**

SUPERGLIDE URETERAL CATHETERS



TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY
with straight tip						
 cylindrical, closed	264701	PVC with hydrogel coating	Ch. 3-8	approx. 70 cm	1	10
 cylindrical, closed	264702	PVC with hydrogel coating	Ch. 3-8	approx. 70 cm	2	10
for coaxial applications						
 central opening	264710	PVC with hydrogel coating	Ch. 3-8	approx. 70 cm	-	10
 central opening	264711	PVC with hydrogel coating	Ch. 3-8	approx. 70 cm	1	10
with curved tip						
 curved olive tip	264801	PVC with hydrogel coating	Ch. 3-8	approx. 70 cm	1	10
for coaxial applications						
 curved, central opening	264810	PVC with hydrogel coating	Ch. 3-8	approx. 70 cm	-	10
 curved, central opening	264811	PVC with hydrogel coating	Ch. 3-8	approx. 70 cm	1	10

Maximum diameter of guidewire for coaxial SUPERGLIDE ureteral catheters

REF. 264710 / 264711 / 264810 / 264811					
Ch. 3	Ch. 4	Ch. 5	Ch. 6	Ch. 7	Ch. 8
0.018"	0.028"	0.035"	0.038"	0.038"	0.038"
0.45 mm	0.71 mm	0.89 mm	0.96 mm	0.96 mm	0.96 mm

6.2 URETERAL CATHETERS FOR STANDARD APPLICATIONS



URETERAL CATHETERS



URETERAL CATHETERS

Great variety for diagnostics and optimum therapy

- radiopaque
- cm graduation
- red / green markers to identify right / left side
- enclosed Luer-lock adapter
- with stylet
- sterile, single use
- **latex-free**

TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY
with straight tip						
 cylindrical, closed	263602	PVC	Ch. 3-10	approx. 70 cm	1	10
 cylindrical, closed	223602	PVC	Ch. 3-8	approx. 70 cm	1	10
 cylindrical, closed	223600	PVC extra smooth	Ch. 3-8	approx. 70 cm	1	10
 cylindrical, closed	223606	PVC	Ch. 3-8	approx. 70 cm	2	10
 highly flexible tip, cylindrical, closed	333601	PVC	Ch. 3-7	approx. 70 cm	2	10
 olive tip	263702	PVC	Ch. 3-8	approx. 70 cm	1	10
 olive tip	223706	PVC	Ch. 4-6	approx. 70 cm	2	10
 whistle tip	263802	PVC	Ch. 3-8	approx. 70 cm	1	10
for coaxial applications						
 central opening	264600	PVC	Ch. 3/4/4.8	approx. 70 cm	-	10
 central opening	223604	PVC	Ch. 3-8	approx. 70 cm	2	10

REF. 264600			REF. 223604			
Ch. 3	Ch. 4	Ch. 4.8	Ch. 3	Ch. 4/5	Ch. 6	Ch. 7/8
0.018"	0.032"	0.038"	0.015"	0.018"	0.032"	0.045"
0.45 mm	0.80 mm	0.96 mm	0.38 mm	0.45 mm	0.80 mm	1.14 mm






Maximum diameter of guidewire for coaxial ureteral catheters

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

URETERAL CATHETERS

Great variety for optimum diagnostics and therapy – also for difficult passages in the ureter

- radiopaque
- cm graduation
- red / green markers to identify right / left side
- enclosed Luer-lock adapter
- with stylet
- sterile, single use
- latex-free


URETERAL CATHETERS						
						
TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY
with curved tip						
 curved olive tip	264001	PVC	Ch. 3-8	approx. 70 cm	1 20 mm from tip	10
for coaxial applications						
 curved, central opening	264100	PVC	Ch. 3-8	approx. 70 cm	-	10
 curved, central opening	264102	PVC	Ch. 4-7	approx. 70 cm	1	10
 curved, central opening	264200	PVC	Ch. 3-6	approx. 115 cm for uretero- renoscopes	-	6

Maximum diameter of guidewire for coaxial ureteral catheters


REF. 264100			REF. 264102		REF. 264200		
Ch. 3	Ch. 4	Ch. 5/6/7/8	Ch. 4	Ch. 5/6/7	Ch. 3	Ch. 4	Ch. 5/6
0.015"	0.018"	0.035"	0.018"	0.035"	0.015"	0.018"	0.028"
0.38 mm	0.45 mm	0.89 mm	0.45 mm	0.89 mm	0.38 mm	0.45 mm	0.71 mm

6.3 URETERAL CATHETERS FOR SPECIAL APPLICATIONS

SPECIAL URETERAL CATHETERS


Chevassu,
whistle tip

TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY					
	267500	Ureteral catheter, Chevassu pattern, for routine injection of contrast medium into the ureter during retrograde investigation									
		PVC	Ch. 4-12	approx. 70 cm	-	10					
		Diameter of tip/shaft									
		Tip	Ch. 4	Ch. 5	Ch. 6	Ch. 7	Ch. 8	Ch. 9	Ch. 10	Ch. 11	Ch. 12
		Shaft	Ch. 3	Ch. 3	Ch. 4	Ch. 4	Ch. 5	Ch. 6	Ch. 7	Ch. 7	Ch. 7


central opening

	264500	Ureteral catheter, Woodruff-Pflaumer pattern				
		PVC	Ch. 5/8	approx. 50 cm	-	6

MEASURING RANGE REF. 267500



SPECIAL URETERAL CATHETERS
Everything ready at hand
for special cases

- radiopaque
- cm graduation
- red / green markers to identify right / left side
- enclosed Luer-lock adapter
- with stylet
- sterile, single use
- latex-free

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

6.4 OCCLUSION CATHETERS

* These products contain natural rubber latex which may cause allergic reactions.


OCCLUSION CATHETER

For safe occlusion of the ureter

- occlusion catheter made of polyurethane
- with Rüsch Gold balloon made of latex
- attachable Luer-lock adapter with check valve
- radiopaque
- cm graduation
- sterile, single use


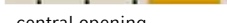
OCCLUSION CATHETER, SINGLE LUMEN



TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY
 cylindrical, closed	340700*	polyurethane, latex balloon	Ch. 3-5	approx. 80 cm	-	2

OCCLUSION CATHETER, DOUBLE LUMEN



TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY
 curved olive tip	340802*	polyurethane, latex balloon	Ch. 5-7	approx. 80 cm	1	2
for coaxial applications						
 central opening	340800*	polyurethane, latex balloon	Ch. 4-7	approx. 80 cm	-	2

Maximum balloon capacity

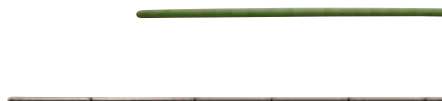
REF. 340700 / 340800 / 340802					
	Ch. 3	Ch. 4	Ch. 5	Ch. 6	Ch. 7
Liquid	0.3 ml	0.6 ml	1.5 ml	2.0 ml	2.5 ml

Maximum diameter of guidewire for coaxial occlusion catheters

REF. 340800	
Ch. 4	Ch. 5/6/7
0.015"	0.035"
0.38 mm	0.89 mm

6.5 GUIDEWIRES

GUIDEWIRE, MADE OF STAINLESS STEEL



GUIDEWIRE

- straight flexible safety tip
- sterile, single use
- **latex-free**

	REF.	MATERIAL	ORDER SIZE	LENGTH	QTY
 flexible tip  Size 2/3	264201	Guidewire, with PTFE coating, with movable core			
		stainless steel, PTFE coating	2/3	approx. 150 cm	5
		Size	2	3	
		O.D. in inch	0.028"	0.035"	
		O.D. in mm	0.71 mm	0.89 mm	
 flexible tip	341002	Guidewire, made of stainless steel, cm graduations up to 50 cm			
		stainless steel	Ø 0.037" (0.95 mm)	approx. 150 cm	2


NITINOL GUIDEWIRE



NITINOL GUIDEWIRE

Simple application thanks to hydrophilic coating and precise handling due to nitinol core.






For sounding out tubular hollow organs and for the insertion of catheters with an open tip or of dilators in the urological sector.

	REF.	MATERIAL	SIZE	LENGTH	QTY
 straight and flexible tip	680160-150035	Guidewire, with hydrophilic coating and nitinol core, straight and flexible tip (50 mm long), standard shaft in dispenser with introducer and Luer-lock adapter to humidify the hydrophilic coating.			
		Nitinol	Ø 0.035" (0.89 mm)	approx. 150 cm	5

- high visibility in dark endoscopy rooms thanks to black PUR coating
- radiopaque
- sterile, single use
- **latex-free**

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

6.6 ACCESSORIES

	REF.	DESCRIPTION	QTY
	547200	Luer-lock adapter	
		<ul style="list-style-type: none"> • plastic, blue • attachable • for Ch. 3-7 • sterile, single use • latex-free 	10
	547201	Luer-lock adapter	
		<ul style="list-style-type: none"> • plastic, white • attachable • for Ch. 7-12 • sterile, single use • latex-free 	10
	340702	Luer-lock adapter	
		<ul style="list-style-type: none"> • blue • clamped • for Ch. 3-6 • sterile, single use • latex-free 	10
	340703	Luer-lock adapter	
		<ul style="list-style-type: none"> • white • clamped • for Ch. 6-10 • sterile, single use • latex-free 	10
	526100	Adapter	
		to connect ureteral catheters to urine bags <ul style="list-style-type: none"> • plastic, red • for Ch. 6-18 • sterile, single use • latex-free 	10


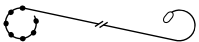

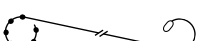
WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

7 URETERAL STENTS

7.1 SUPERGLIDE URETERAL STENTS


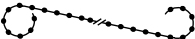
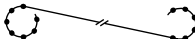
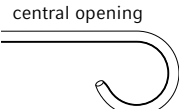
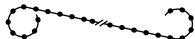
ANTIREFLUX SUPERGLIDE DD VALVE



TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART		ORDER SIZE (Ch.)	QTY
		26 cm	28 cm		
	for simultaneous applications				
cylindrical closed 		335340	335341	4.8/6/7/8	5
	for coaxial applications				
central opening 		335440	335441	4.8/6/7/8	5

SUPERGLIDE DD



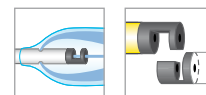
TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART				ORDER SIZE (Ch.)	QTY
		22 cm	24 cm	26 cm	28 cm		
	for simultaneous applications						
<div>cylindrical closed</div> 		—	334846	334840	334841	4.8/6/7/8	5
		—	—	334940	334941		
	for coaxial applications						
<div>central opening</div> 		335142	335143	335140	335141	4.8/6/7/8	5

Maximum diameter of guidewire for antireflux SUPERGLIDE DD valve and SUPERGLIDE DD ureteral stents with central opening

REF. 335440 / 335441			
REF. 335142 / 335143 / 335140 / 335141			
Ch. 4.8	Ch. 6	Ch. 7	Ch. 8
0.028"	0.028"	0.035"	0.035"

Set components:

- ureteral stent
- fixation clamp
- introducer made of polyurethane, yellow, approx. 45 cm long, with DD coupling
- flexible guidewire made of stainless steel with PTFE coating, and movable core: approx. 100 cm long in sets with cylindrical closed tip and approx. 150 cm long in sets with tip with central opening
- patient card
- documentation labels
- sterile packaging

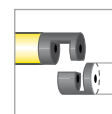


ANTIREFLUX DD VALVE URETERAL STENT

made of polyurethane with hydrogel coating, with DD coupling, anti-reflux valve and green marker at the vesical end

Fully directable with antireflux valve

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- supplied as a preassembled unit
- sterile, single use
- **latex-free**



DD URETERAL STENT

made of polyurethane with hydrogel coating, with DD coupling and green marker at the vesical end

Fully directable

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- supplied as a preassembled unit
- sterile, single use
- **latex-free**

INTEGRAL URETERAL STENT

made of polyurethane with hydrogel coating, with green marker and retraction thread at the vesical end

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- sterile, single use
- **latex-free**

7

* only in Ch. 4.8 / 6 / 7 / 8

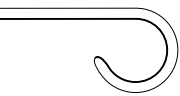
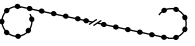
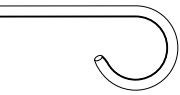

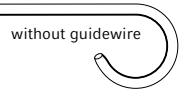
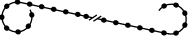
INTEGRAL URETERAL STENT

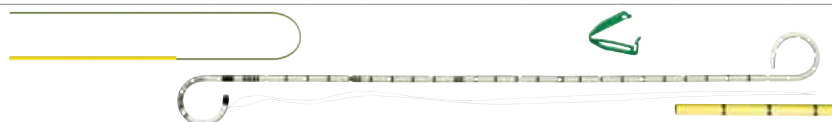
made of polyurethane with hydrogel coating, with green marker and retraction thread at the vesical end


with SUPERGLIDE ureteral catheter, central opening, Ch. 5, max. I.D. 0.038"

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- sterile, single use
- **latex-free**

**SUPERGLIDE
INTEGRAL**

TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART					ORDER SIZE (Ch.)	QTY	
		22 cm	24 cm	26 cm	28 cm	30 cm			
for simultaneous applications									
cylindrical closed			334246*	334250*	334247	334248	334249	4.8/6/7/8/9	5
for coaxial applications									
central opening			334742*	334743*	334740	334741	—	4.8/6/7/8/9	5
central opening without guidewire			—	334744	334745	334746	—	4.8/6/7/8	5

**SUPERGLIDE
INTEGRAL
PLUS**

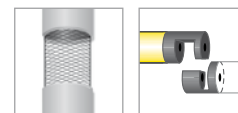
TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART			ORDER SIZE (Ch.)	QTY
		24 cm	26 cm	28 cm		
for coaxial applications						
central opening		334751	334752	334753	4.8/6/7/8	5

Set components:

- ureteral stent
- 2 fixation clamps
- introducer made of polyurethane, yellow, approx. 45 cm long
- flexible guidewire made of stainless steel with PTFE coating, fixed core, flexible safety tip and rigid tip: approx. 100 cm long in sets with cylindrical closed tip and approx. 150 cm long in sets with tip with central opening
- patient card
- documentation labels
- sterile packaging

Maximum diameter of guidewire for SUPERGLIDE integral ureteral stents with central opening

REF. 334742 / 334743 / 334740 / 334741 REF. 334744 / 334745 / 334746 REF. 334751 / 334752 / 334753				
Ch. 4.8	Ch. 6	Ch. 7	Ch. 8	Ch. 9
0.028"	0.035"	0.035"	0.038"	0.038"

**SUPERGLIDE
DD TUMOUR**


DD TUMOUR URETERAL STENT
made of polyurethane with hydrogel coating, with DD coupling and green marker at the vesical end


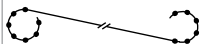

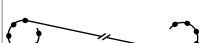
High resistance to collapse as straight section of stent is reinforced using special braided construction

Fully directable

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- supplied as a preassembled unit
- sterile, single use
- **latex-free**

* only in Ch. 7

** only Ref. 335626 / 335628

TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART					ORDER SIZE (Ch.)	QTY	
		20 cm	22 cm	24 cm	26 cm	28 cm			
	for simultaneous applications								
cylindrical closed			—	—	335524*	335526	335528	6/7	2
	for coaxial applications								
central opening			335620*	335622*	335624*	335626	335628	6/7/8**	2

Maximum diameter of guidewire for SUPERGLIDE DD tumour ureteral stents with central opening

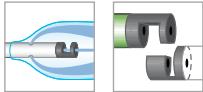
REF. 335620 / 335622 / 335624 / REF. 335626 / 335628		
Ch. 6	Ch. 7	Ch. 8
0.028"	0.035"	0.035"

Set components:

- ureteral stent
- fixation clamp
- introducer made of polyurethane, yellow, approx. 45 cm long, with DD coupling
- flexible guidewire made of stainless steel with PTFE coating and movable core: approx. 100 cm long in sets with cylindrical closed tip and approx. 150 cm long in sets with tip with central opening
- patient card
- documentation labels
- sterile packaging

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

7.2 URETERAL STENTS

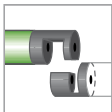


ANTIREFLUX DD VALVE URETERAL STENT

made of polyurethane, with DD coupling and antireflux valve at the vesical end

Fully directable with antireflux valve

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- supplied as a preassembled unit
- sterile, single use
- **latex-free**



DD URETERAL STENT

made of polyurethane, with DD coupling at the vesical end

Fully directable

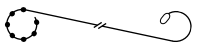
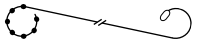
- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- supplied as a preassembled unit
- sterile, single use
- **latex-free**

Set components:

- ureteral stent
- fixation clamp
- introducer made of polyurethane, green, approx. 45 cm long, with DD coupling (approx. 90 cm long in sets for ureterorenoscopes)
- flexible guidewire made of stainless steel with PTFE coating and movable core: approx. 100 cm long in sets with cylindrical closed tip and approx. 150 cm long in sets with tip with central opening and for ureterorenoscopes
- patient card
- documentation labels
- sterile packaging

ANTIREFLUX DD VALVE

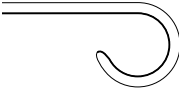
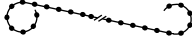
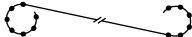
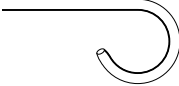
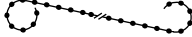





TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART					ORDER SIZE (Ch.)	QTY
		22 cm	24 cm	26 cm	28 cm	30 cm		
	for simultaneous applications							
cylindrical closed		335312*	335311	335300	335301	335302	4.8/6/7/8/9	5
	for coaxial applications							
central opening		-	335411	335400	335401	-	4.8/6/7/8	5

* packaging unit of Ref. 335312 in Ch. 4.8 contains 2 items

DD



TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART					ORDER SIZE (Ch.)	QTY
		22 cm	24 cm	26 cm	28 cm	30 cm		
	for simultaneous applications							
<div>cylindrical closed</div> 		334812	334811	334800	334801	334802	4.8/6/7/8/9	5
		–	–	334900	334901	334902		
	for coaxial applications							
<div>central opening</div> 		335112	335111	335100	335101	335102	4.8/6/7/8/9	5
		–	–	–	335166	–		
	for ureterorenoscopes							
<div>cylindrical closed</div> 		–	–	335200	335201	–	4.8	5

Maximum diameter of guidewire for antireflux DD valve and DD ureteral stents with central opening


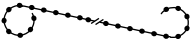
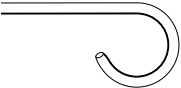
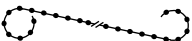

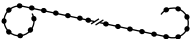
REF. 335411 / 335400 / 335401 REF. 335112 / 335111 / 335100 / 335101 / 335102 / 335166				
Ch. 4.8	Ch. 6	Ch. 7	Ch. 8	Ch. 9
0.028"	0.028"	0.035"	0.035"	0.035"

INTEGRAL


INTEGRAL URETERAL STENT

made of polyurethane,
with retraction thread at the
vesical end

- cm graduations
- completely radiopaque
- pigtail and drainage eyes
as indicated in the table
- sterile, single use
- **latex-free**

TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART					ORDER SIZE (Ch.)	QTY	
		22 cm	24 cm	26 cm	28 cm	30 cm			
for simultaneous applications									
cylindrical closed			334212	334211	334200	334201	334202	4.8/6/7/8/9	5
for coaxial applications									
central opening			334710	334711	334702	334703	334714	4.8/6/7/8/9	5
for ureterorenoscopes									
cylindrical closed			—	334213	334205	334206	—	4.8	5

Maximum diameter of guidewire for integral ureteral
stents with central opening

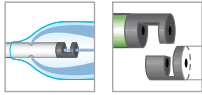
REF. 334710 / 334711 / 334702 / 334703 / 334714				
Ch. 4.8	Ch. 6	Ch. 7	Ch. 8	Ch. 9
0.028"	0.035"	0.035"	0.038"	0.038"

Set components:

- ureteral stent
- 2 fixation clamps
- introducer made of polyurethane, green,
approx. 45 cm long (approx. 90 cm long in sets
for ureterorenoscopes)
- flexible guidewire made of stainless steel with
PTFE coating, fixed core, flexible safety
tip and rigid tip: approx. 100 cm long in sets
with cylindrical closed tip and approx. 150 cm
long in sets with tip with central opening and
for ureterorenoscopes
- patient card
- documentation labels
- sterile packaging

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

7.3 URETERAL STENTS FOR CHILDREN



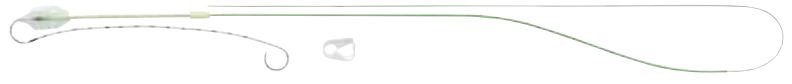
ANTIREFLUX DD VALVE URETERAL STENT

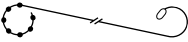
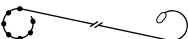
made of polyurethane, with DD coupling and antireflux valve at the vesical end

Fully directable with antireflux valve

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- supplied as a preassembled unit
- sterile, single use
- **latex-free**

ANTIREFLUX DD VALVE



TIP AND EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART						ORDER SIZE (Ch.)	QTY
	10 cm	12 cm	15 cm	18 cm	20 cm	22 cm		
	for simultaneous applications							
cylindrical closed 	335315	335309	335314	335310	335313	335312	4.8	2
	for coaxial applications							
central opening 	—	335413	335414	335415	335416	335417	4.8	2

Maximum diameter of guidewire for paediatric antireflux DD valve ureteral stents with central opening

REF. 335413 / 335414 / 335415
REF. 335416 / 335417

Ch. 4.8

0.028"

Set components:

- ureteral stent
- fixation clamp
- introducer made of polyurethane, green, approx. 45 cm long, with DD coupling
- flexible guidewire made of stainless steel with PTFE coating and movable core: approx. 100 cm long in sets with cylindrical closed tip and

- approx. 150 cm long in sets with tip with central opening
- sets for coaxial application include an additional ureteral catheter with central opening in splint size (see table)
- patient card
- documentation labels
- sterile packaging



ANTIREFLUX VALVE URETERAL STENT

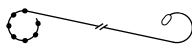
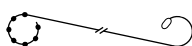
made of polyurethane, with antireflux valve at the vesical end

Antireflux valve

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- sterile, single use
- **latex-free**

ANTIREFLUX VALVE



TIP AND EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART						ORDER SIZE (Ch.)	QTY
	10 cm	12 cm	15 cm	18 cm	20 cm	22 cm		
	for simultaneous applications							
cylindrical closed 	335316*	335303	335304	335305	335306	335307	3/4	2
	for coaxial applications							
central opening 	—	335403	335404	335405	335406	335407	3/4	2

Maximum diameter of guidewire for paediatric antireflux valve ureteral stents with central opening

REF. 335403 / 335404 / 335405
REF. 335406 / 335407

Ch. 3

Ch. 4

0.018"

0.028"

Set components:

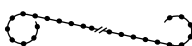
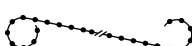
- ureteral stent
- 2 fixation clamps
- introducer made of polyurethane, green, approx. 45 cm long
- flexible guidewire made of stainless steel with PTFE coating, fixed core, flexible safety tip and rigid tip: approx. 100 cm long in sets with cylindrical

- closed tip and approx. 150 cm long in sets with tip with central opening
- sets for coaxial application include an additional ureteral catheter with central opening in splint size (see table)
- patient card
- documentation labels
- sterile packaging

* only in Ch. 4

INTEGRAL



TIP AND EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART					ORDER SIZE (Ch.)	QTY
	12 cm	15 cm	18 cm	20 cm	22 cm		
	for simultaneous applications						
cylindrical closed 	334207	334231	334245	334232	334263	3/4/4.8	5
	for coaxial applications						
central opening 	334700	334704	334705	334760	334706	3/4/4.8	5

Maximum diameter of guidewire for paediatric integral ureteral stents with central opening

REF. 334700 / 334704 / 334705
REF. 334760 / 334706

Ch. 3	Ch. 4	Ch. 4.8
0.018"	0.028"	0.028"

Set components:

- ureteral stent
- 2 fixation clamps
- introducer made of polyurethane, green, approx. 45 cm long
- flexible guidewire made of stainless steel with PTFE coating, fixed core, flexible

safety tip and rigid tip:

approx. 100 cm long in sets with cylindrical closed tip and approx. 150 cm long in sets with tip with central opening

- patient card
- documentation labels
- sterile packaging

INTEGRAL URETERAL STENT

made of polyurethane

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- sterile, single use
- latex-free

FOR CHILDREN ONLY THE BEST IS GOOD ENOUGH

Children are more delicate and react more sensitively than adults. With years of experience in the development of small ureteral stents and a particularly careful manufacturing process, right down to the last detail, RÜSCH helps to reduce the stress on children who are subjected to the strains of renal pelvis drainage.

The relationship between inner and outer diameter has also been optimised for our stents of size Ch. 3, ensuring excellent drainage performance and the highest possible wearing comfort. And, of course, they can be easily and safely inserted and positioned.

Furthermore all paediatric antireflux valve and DD valve ureteral stent sets for coaxial applications are equipped with a ureteral catheter with a central opening in splint size.

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

7.4 SPECIAL URETERAL STENTS

INTEGRAL URETERAL STENT
made of polyurethane

- cm graduations
- completely radiopaque
- with one pigtail and drainage eyes only along the pigtail
- sterile, single use
- latex-free

- Set components:
- ureteral stent
 - fixation clamp
 - flexible guidewire made of stainless steel with PTFE coating, fixed core, flexible safety tip and rigid tip, 150 cm long
 - patient card
 - documentation labels
 - sterile packaging

INTEGRAL STENT WITH ONE PIGTAIL



TIP AND EYE CONFIGURATION	REF.	LENGTH straight part	ORDER SIZE (Ch.)	QTY
cylindrical closed	334400	90 cm	4.8/6/7/8/9	6
central opening	334479	90 cm	4.8/6/7/8/9/10	6

EACH SALES UNIT CONTAINS THREE STENTS WITH A GREEN MARKER AT THE PROXIMAL END AND THREE STENTS WITHOUT A MARKER. WHEN STENTS HAVE TO BE APPLIED TO BOTH SIDES, THE PHYSICIAN CAN PLACE ONE STENT WITH A MARKER AND ONE WITHOUT. THE CORRESPONDING DOCUMENTATION IN THE PATIENT CARD SHOWS CLEARLY WHICH STENT LEADS TO WHICH KIDNEY.

Maximum diameter of guidewire for integral ureteral stents with one pigtail and central opening

REF. 334479				
Ch. 4.8	Ch. 6	Ch. 7	Ch. 8	Ch. 9
0.028"	0.035"	0.035"	0.038"	0.038"

INTEGRAL URETERAL STENT FOR OPEN SURGICAL PROCEDURES
made of polyurethane

- cm graduations
- completely radiopaque
- with two cylindrical closed pig-tails, drainage eyes as indicated in the table
- sterile, single use
- latex-free

- Set components:
- ureteral stent
 - reinforced guidewire made of stainless steel with PTFE coating, 100 cm long
 - patient card
 - documentation labels
 - sterile packaging

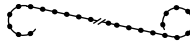
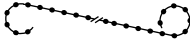
INTEGRAL STENT WITH CLOSED TIPS ON BOTH SIDES



TIP AND EYE CONFIGURATION	REF.	LENGTH straight part	ORDER SIZE (Ch.)	QTY
cylindrical closed on both sides	334208	24 cm	4.8/6/7	5
	334209	26 cm	4.8/6/7/8/9	
	334210	28 cm	4.8/6/7/8/9	

SHORT INTEGRAL URETERAL STENT



TIP AND EYE CONFIGURATION		REF. ACCORDING TO LENGTH OF STRAIGHT PART	ORDER SIZE (Ch.)	QTY
		12 CM		
for simultaneous applications				
cylindrical closed		334207	7	5
for coaxial applications				
central opening		334700	6/7	5

Maximum diameter of guidewire for short integral ureteral stents with central opening

REF. 334700	
Ch. 6	Ch. 7
0,038"	0,038"

SHORT INTEGRAL URETERAL STENT

made of polyurethane

- cm graduations
- completely radiopaque
- pigtail and drainage eyes as indicated in the table
- sterile, single use
- latex-free

Set components:

- ureteral stent
- 2 fixation clamps
- introducer made of polyurethane, green, approx. 45 cm long
- flexible guidewire made of stainless steel with PTFE coating, fixed core, flexible safety tip and rigid tip: approx. 100 cm long in sets with cylindrical closed tip and approx. 150 cm long in sets with tip with central opening
- patient card
- documentation labels
- sterile packaging

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

7.5 ECO URETERAL STENT SET

ECO URETERAL STENT SET
made of polyurethane


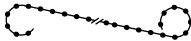

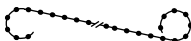
- sterile, single use
- **latex-free**

Set components:

- ureteral stent
- **without** guidewire
- introducer approx. 45 cm
- sterile packaging

Set components:

- ureteral stent
- **with** guidewire
- introducer approx. 45 cm
- sterile packaging

ECO					
Tip configuration	Eye configuration	REF.	LENGTH straight part	SIZE (Ch.)	QTY
 central opening		310000-026048	26 cm	4.8	10
		310000-026060		6	
		310000-026070		7	
		310000-026080		8	
		310000-028048	28 cm	4.8	10
		310000-028060		6	
		310000-028070		7	
		310000-028080		8	
		310000-030048	30 cm	4.8	10
		310000-030060		6	
		310000-030070		7	
		310000-030080		8	
 cylindrical closed		310001-026048	26 cm	4.8	10
		310001-026060		6	
		310001-026070		7	
		310001-026080		8	
		310001-028048	28 cm	4.8	10
		310001-028060		6	
		310001-028070		7	
		310001-028080		8	
		310001-030048	30 cm	4.8	10
		310001-030060		6	
		310001-030070		7	
		310001-030080		8	


Maximum diameter of guidewire for ECO
integral ureteral stents with central opening


REF. 310000			
Ch. 4.8	Ch. 6	Ch. 7	Ch. 8
0.028"	0.035"	0.038"	0.038"
0.71 mm	0.89 mm	0.96 mm	0.96 mm

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE


8 NEPHROSTOMY


8.1 PUNCTURE SETS

SUPERGLIDE PUNCTURE SETS PCN 2-STEP	REF. 340012					
	ORDER SIZE	PUNCTURE CANNULA		GUIDEWIRE O.D.	CATHETER EXTENDER I.D.	QTY
		O.D.	LENGTH			
	Ch. 6	19.5 G / 0.95 mm	120 mm	0.028"	0.75 mm / 0.029"	1
	Ch. 8	17.5 G / 1.30 mm	200 mm	0.038"	1.00 mm / 0.039"	
Ch. 10	17.5 G / 1.30 mm	200 mm	0.038"	1.00 mm / 0.039"		
	Set components: <ul style="list-style-type: none">• 2-part puncture cannula with ultrasound marking at the tip (3 marking rings)• uncoated stiff guidewire with flexible J-curved tip in dispenser, with introducer, 800 mm long• catheter extender made of metal, 325 mm long, with plastic stylet• pigtail catheter made of polyurethane, radiopaque, approx. 30 cm long, central opening, hydrogel coating, 6 drainage eyes, notches for retaining suture on the shaft, with Luer-lock connector• LL stopcock• adapter for urine collection bag (LL-funnel combination)• 3 peel labels for documentation• sterile, single use• latex-free					

PUNCTURE SETS PCN 3-STEP	REF. 340013						
	ORDER SIZE	PUNCTURE CANNULA		GUIDEWIRE O.D.	DILATOR/SPLIT SHEATH		QTY
		O.D.	LENGTH		LENGTH	DILATOR O.D.	
	Ch. 6	19.5 G / 0.95 mm	120 mm	0.028"	175 / 162.4 mm	1	
	Ch. 8	17.5 G / 1.30 mm	200 mm	0.038"	175 / 160.1 mm		
Ch. 10	17.5 G / 1.30 mm	200 mm	0.038"	175 / 157.8 mm			
	Set components: <ul style="list-style-type: none">• 2-part puncture cannula with ultrasound marking at the tip (3 marking rings)• uncoated stiff guidewire with flexible J-curved tip in dispenser, with introducer, 800 mm long• 2-part dilator, central opening, approx. 175 mm long, with split sheath, radiopaque• pigtail catheter made of polyurethane, radiopaque, approx. 30 cm long, central opening, 6 drainage eyes, notches for retaining suture on the shaft, with vertically slitted pigtail extender and Luer-lock connector• LL stopcock• adapter for urine collection bag (LL-funnel combination)• 3 peel labels for documentation• sterile, single use• latex-free						







8.2 EXCHANGE SETS

<div>SUPERGLIDE PCN EXCHANGE SETS</div> <div></div>	REF. 340014			
	ORDER SIZE	GUIDEWIRE O.D.	CATHETER EXTENDER I.D.	QTY
	Ch. 6 Ch. 8 Ch. 10	0.028" 0.038" 0.038"	0.75 mm / 0.029" 1.00 mm / 0.039" 1.00 mm / 0.039"	1
<div>Set components:</div> <ul style="list-style-type: none">• PTFE-coated stiff guidewire with flexible J-curved tip in dispenser, with introducer, 800 mm long• catheter extender made of metal, 325 mm long, with plastic stylet• pigtail catheter made of polyurethane, radiopaque, approx. 30 cm long, central opening, hydrogel coating, 6 drainage eyes, notches for retaining suture on the shaft, with Luer-lock connector• LL stopcock• adapter for urine collection bag (LL-funnel combination)• 3 peel labels for documentation• sterile, single use• latex-free				

	REF.	DESCRIPTION	QTY
<div></div>	546476	Adapter for urine collection bag	10
The adapter (LL-funnel combination) is compatible with all commercially available urine collection bags.			

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

8.3 MIPP-SET

MIPP-SET	REF. 341200-000140			QTY 1
	SIZE O.D.	LENGTH	MAX.	
			I.D.	O.D.
	Puncture cannula , 2-part, with ultrasound marking at the tip (3 marking rings)			
	–	200 mm	0.038"	17.5 G
	Stiff guidewire in dispenser , with introducer and flexible J-curved tip			
	0.038"	1000 mm	–	–
	SUPERGLIDE dilator , cm graduated, radiopaque, hydrogel coated over 30 cm			
	Ch./Fr. 9	540 mm	0.038"	–
	SUPERGLIDE dilator , cm graduated, with central opening for a dilator Ch./Fr. 9, radiopaque, hydrogel coated over 25 cm			
	Ch./Fr. 14	320 mm	–	–
	SUPERGLIDE renax tube , radiopaque, hydrogel coated over 50 mm			
	–	160 mm	Ch./Fr. 14	–
	SUPERGLIDE nephrostomy balloon catheter made of silicone , with radiopaque tip and central opening, hydrogel coated over 50 mm, with hollow stylet, balloon capacity 3 ml*			
	Ch./Fr. 12	410 mm	0.038"	–
	* With balloon catheters fill the balloon with sterile water until the catheter is fixated in the renal pelvis. To fill the balloon use a Luer or Luer-lock syringe. The fill volume is indicated on the catheter funnel or the packaging label			

MIPP-SET

For minimally invasive percutaneous interventions

- sterile, single use
- **latex-free**
- Activate the hydrogel coating by dipping it into sterile, physiological saline solution or distilled water.
- Introduce the dilator in Ch./Fr. 9 over the guidewire in situ. Check correct position using radioscopy.
- Push the dilator Ch./Fr. 14 over the dilator Ch./Fr. 9 already in situ and advance until the correct position is reached.
- Apply renax tube over the instrument in situ.
- Remove both dilators – in Ch./Fr. 9 and 14 – one by one while holding guidewire and renax tube in position.¹

FOR MINIMALLY INVASIVE PERCUTANEOUS INTERVENTIONS

Mininephroscopes are being used more and more often for diagnostics and therapy, for example to remove remaining stone fragments from the calyces.

rÜSCH's MIPP set fits in perfectly with this patient-friendly trend. It contains all the necessary instruments for minimally invasive percutaneous interventions – from the puncture cannula, guidewire and dilators to the nephrostomy balloon catheter.

The hydrogel coating of the dilators, the renax tube and the catheter further facilitate handling.






¹ The information provided here is no substitute for carefully reading the instructions for use.

8.4 PUNCTURE CANNULAS

PUNCTURE CANNULAS

Safe handling



- ultrasound marking at the tip (3 marking rings)
- 2-part or 3-part
- for 2-step or 3-step procedures
- sterile, single use
- latex-free

PUNCTURE CANNULAS					
	REF.	O.D.	MAX I.D.	LENGTH	QTY
	340002-120175	3-part , with markings at the tip (3 rings) for ultrasound reflexes			
		17.5 G	0.038"	120 mm	5
	340002-200230	Fine, 2-part , to match Ref. 340002-120175			
		23 G	–	200 mm	5
	340003-200175	3-part , with markings at the tip (3 rings) for ultrasound reflexes			
		17.5 G	0.038"	200 mm	5
	340003-280230	Fine, 2-part , to match Ref. 340003-200175			
		23 G	–	280 mm	5
	340057-000000	2-part , for 2-step procedure			
		17.5 G	0.038"	200 mm	2

8.5 ENDOGUIDE GUIDEWIRES

ENDOGUIDE STIFF, PTFE



	REF.	LENGTH	O.D.	QTY
	ENDOGUIDE stiff, straight tip			
	680141-000028 680141-000035 680141-000038	800 mm	0.028" 0.035" 0.038"	5
	680143-000028 680143-000035 680143-000038	1000 mm	0.028" 0.035" 0.038"	5
	680145-000028 680145-000035 680145-000038	1200 mm	0.028" 0.035" 0.038"	5
	ENDOGUIDE stiff, J-curved tip			
	680151-000028 680151-000035 680151-000038	800 mm	0.028" 0.035" 0.038"	5
	680153-000028 680153-000035 680153-000038	1000 mm	0.028" 0.035" 0.038"	5
	680155-000028 680155-000035 680155-000038	1200 mm	0.028" 0.035" 0.038"	5
				

ENDOGUIDE

Atraumatic and precise handling

- smooth transition from the stiff wire to the flexible tip
- PTFE coating
- rigid proximal end
- distal tip, straight or as J-curve
- in dispenser, with introducer
- sterile, single use
- **latex-free**

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

8.6 DILATORS / RENAX TUBES / CATHETERS FOR PERCUTANEOUS NEPHROSTOMY

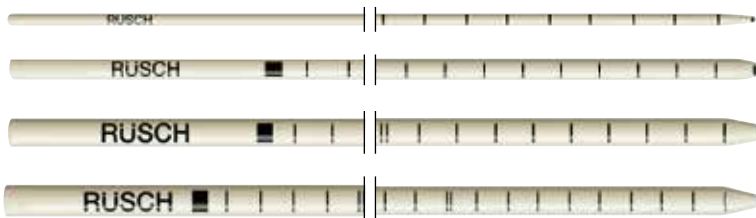
DILATOR SET FOR PCN

Easy handling, safe application

- dilators made of polyurethane
- for percutaneous nephrostomy, for the application of renal fistula catheters
- dilators Ch./Fr. 12–29, with 3.1 mm bore, approx. 360 mm long
- dilator Ch./Fr. 9, with 1.05 mm (0.041") bore, approx. 540 mm long
- dilators with 3.1 mm bore are applied over the Ch./Fr. 9 dilator
- conical tips
- cm graduated
- radiopaque
- sterile, single use
- **latex-free**

DILATOR SET FOR PCN

Polyurethane



	REF.	ORDER SIZE (O.D.) CH.	LENGTH	MAX. I.D. TIP	QTY
	Dilator set				
	340200	9 12/15/17/19/21/23/25/27/29	540 mm 360 mm	1.05 mm / 0.041" 3.1 mm	1
	Dilators, individually packaged				
	340201	9 12/15/17/19/21/23/25/27/29	540 mm 360 mm	1.05 mm / 0.041" 3.1 mm	10

FASCIAL DILATORS

made of polyurethane

- white (Ch./Fr. 14 = grey)
- conical tips
- cm graduated
- radiopaque
- sterile, single use
- **latex-free**

FASCIAL DILATOR SET FOR PCN

Polyurethane



	REF.	ORDER SIZE (O.D.) CH.	LENGTH	MAX. I.D. TIP	QTY
	Fascial dilator set				
	340900	6-28*	320 mm	1.05 mm / 0.041"	1
	Fascial dilators, individually packaged				
	340901	6-36*	320 mm	1.05 mm / 0,041"	5

* even sizes only

RENAX TUBES

made of PVC

- used as flexible nephroscope sheaths
- oblique tip (60°)
- sterile, single use
- **latex-free**

RENAX TUBES

PVC

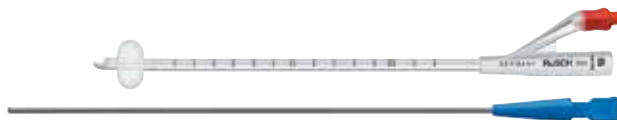



	REF.	ORDER SIZE (I.D.) CH.	LENGTH	QTY
	Renax tubes			
	341100	20-36*	160 mm	5

* even sizes only

SUPERGLIDE BALLOON CATHETERS

Silicone



	REF.	ORDER SIZE	BALLOON	LENGTH	QTY
	SUPERGLIDE nephrostomy balloon catheter, with hollow metal stylet				
	340408	Ch. 12-14	3 ml	240 mm	5
	340408	Ch. 16-24	5 ml	240 mm	
	340409	Ch. 12-14	3 ml	410 mm	
	340409	Ch. 16-24	5 ml	410 mm	

SUPERGLIDE BALLOON CATHETERS FOR NEPHROSTOMY


made of silicone, with hollow metal stylet

- tip with central opening, application over a guidewire of up to 0.038"
- hydrogel coating on first 5 cm
- drainage opening in front of and behind the balloon
- valve for Luer and Luer-lock syringe tips
- cylindrical radiopaque tip
- cm graduated
- sterile, single use
- **latex-free**

BALLOON CATHETERS

Silicone



	REF.	ORDER SIZE	BALLOON	LENGTH	QTY
	340500	with deconnectable funnel			
		Ch. 12-14 Ch. 16-24	3 ml 5 ml	450 mm	5
	340502	with funnel which cannot be disconnected			
		Ch. 12-14 Ch. 16-24	3 ml 5 ml	450 mm	5

BALLOON CATHETERS FOR NEPHROSTOMY

made of silicone, with the option of a funnel that is deconnectable

- tip with central opening, radiopaque
- 2 drainage openings in front of and 2 behind the balloon
- valve for Luer and Luer-lock syringe tips
- transparent
- cm graduated
- Ref. 340502: exchange catheter for Ref. 340500
- sterile, single use
- **latex-free**

RENAL FISTULA CATHETER

Silicone



	REF.	ORDER SIZE	LENGTH	EYES	QTY
	179800	Ch. 10-24	400 mm	1	5

RENAL FISTULA CATHETER

made of silicone

- tip with central opening
- transparent
- cm graduated
- sterile, single use
- **latex-free**

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE


NEPHROSTOMY CATHETER WITH URETER STENT

made of silicone

- ureter stent (Ch./Fr. 4/5/6/8)
approx. 35 cm long
- stent with central opening
- transparent
- catheter cm graduated
- sterile, single use
- **latex-free**

CATHETER WITH URETER STENT

Silicone

	REF.	SIZE	LENGTH	I.D. STENT	EYES	QTY
	179000-120040	Ch. 12x4	400 mm	0.6 mm / 0.023"	2	5
	179000-140050	Ch. 14x5		0.8 mm / 0.031"		
	179000-160060	Ch. 16x6		0.8 mm / 0.031"		
	179000-160080	Ch. 16x8		1.3 mm / 0.050"		
	179000-180080	Ch. 18x8		1.3 mm / 0.050"		
	179000-200080	Ch. 20x8		1.3 mm / 0.050"		
	179000-220080	Ch. 22x8		1.3 mm / 0.050"		


NEPHROSTOMY BALLOON CATHETER WITH URETER STENT

made of silicone

- ureter stent (Ch./Fr. 4/5/6/8)
approx. 35 cm long
- stent with central opening
- valve for Luer and Luer-lock syringe tips
- transparent
- balloon catheter cm graduated
- radiopaque catheter tip
- sterile, single use
- **latex-free**

BALLOON CATHETER WITH URETER STENT

Silicone

	REF.	SIZE	BALLOON	LENGTH	I.D. STENT	EYES	QTY
	179005-120040	Ch. 12x4	3 ml	410 mm	0.6 mm / 0.023"	2	1
	179005-140050	Ch. 14x5	3 ml		0.8 mm / 0.031"		
	179005-160060	Ch. 16x6	5 ml		0.8 mm / 0.031"		
	179005-160080	Ch. 16x8	5 ml		1.3 mm / 0.050"		
	179005-180080	Ch. 18x8	5 ml		1.3 mm / 0.050"		
	179005-200080	Ch. 20x8	5 ml		1.3 mm / 0.050"		
	179005-220080	Ch. 22x8	5 ml		1.3 mm / 0.050"		
	179005-240080	Ch. 24x8	5 ml		1.3 mm / 0.050"		
					1.3 mm / 0.050"		


CATHETER WITH DECONNECTABLE FUNNEL

made of polyurethane

- tip with central opening, radiopaque
- contrast stripe along its entire length
- transparent
- cm graduated
- sterile, single use
- **latex-free**

CATHETER WITH DECONNECTABLE FUNNEL

Polyurethane

	REF.	ORDER SIZE	LENGTH	I.D. CATHETER	EYES	QTY
	340300	Ch. 12	470 mm	1.0 mm / 0.039"	2	5
		Ch. 14		1.0 mm / 0.039"		
		Ch. 16		1.2 mm / 0.047"		
		Ch. 18		1.2 mm / 0.047"		
		Ch. 20		1.4 mm / 0.055"		
		Ch. 22		1.4 mm / 0.055"		
		Ch. 24		1.4 mm / 0.055"		
		Ch. 26		1.4 mm / 0.055"		
				1.4 mm / 0.055"		

* This product contains natural rubber latex which may cause allergic reactions.

NEPHROSTOMY CATHETER

Soft rubber



REF.	ORDER SIZE	LENGTH	I.D. CATHETER	EYES	QTY
404300*	Ch. 6	400 mm	0.9 mm / 0.035"	1	10
	Ch. 8		1.4 mm / 0.055"		
	Ch. 10		1.8 mm / 0.047"		
	Ch. 12		2.0 mm / 0.078"		
	Ch. 14		2.2 mm / 0.086"		
	Ch. 16		2.6 mm / 0.102"		
	Ch. 18		2.8 mm / 0.110"		
	Ch. 20		3.2 mm / 0.125"		
	Ch. 22		3.4 mm / 0.133"		
	Ch. 24		4.0 mm / 0.157"		
	Ch. 26		4.6 mm / 0.181"		

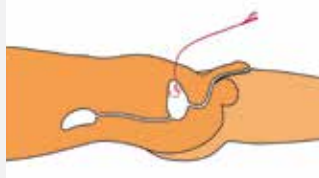
NEPHROSTOMY CATHETER

made of soft rubber

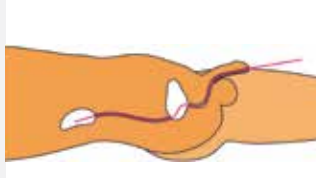
- red
- tip with central opening
- funnel-shaped proximal end
- 1 eye
- contains latex
- sterile

INSERTION – SAFE, COMFORTABLE, ECONOMIC

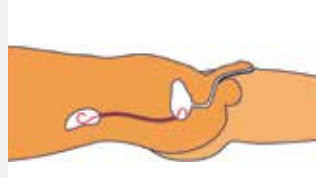
Suprapubic drainage



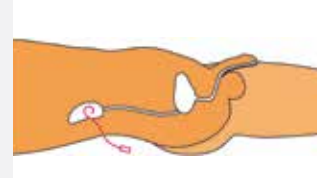
Ureteral catheter



Ureteral stent



Nephrostomy



WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

9 STONE EXTRACTORS

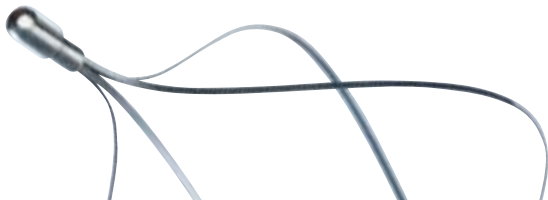
9.1 FLAT WIRE BASKETS

RÜSCH-STONEX FLAT WIRE BASKETS

with symmetrical external form, for precise manipulation of the stone under even the most difficult conditions.

- atraumatic tips
- form-stable flat wire basket made from stainless steel, symmetrical external form
- single-handed handgrip
- clip-on retainer
- radiopaque
- packed in blister
- shaft material: polyimide or special fluorine elastomer
- shaft: use once
- sterile
- latex-free

RÜSCH-STONEX® 4F



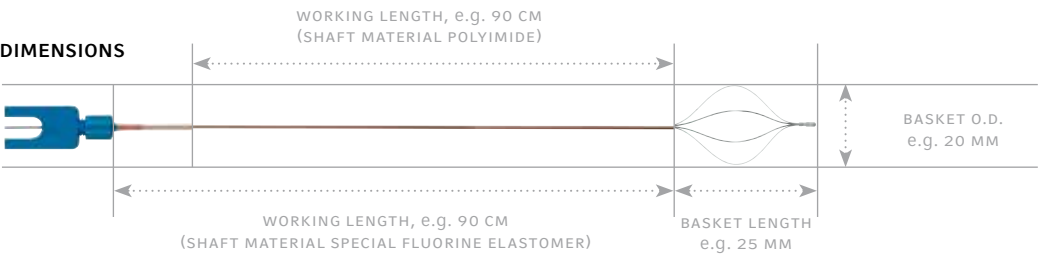
	REF. (QTY 1)					REF. (QTY 5)	
	for tip	ORDER SIZE Ø	WORKING LENGTH	BASKET O.D.	BASKET LENGTH	SPARE SHAFT	ORDER SIZE

RÜSCH-STONEX® 4F with 4 flat wires and cylindrical tip

	342700	Ch. 2.5	90 cm	15 mm	20 mm	343030	Ch. 2.5
	342900	Ch. 2.5	115 cm	15 mm	20 mm		
	342700	Ch. 3	90 cm	20 mm	25 mm	343030	Ch. 3
	342900	Ch. 3	115 cm	20 mm	25 mm		
	342700	Ch. 4	90 cm	20 mm	25 mm	341730	Ch. 4

RÜSCH-STONEX® 4F with 4 flat wires and filiform tip made of polyurethane

	342800	Ch. 4	90 cm	20 mm	25 mm	341730	Ch. 4
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WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

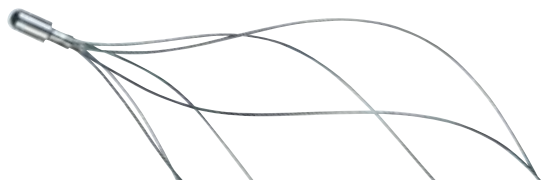
9.2 ROUND WIRE BASKETS

RÜSCH-STONEX®

4R


5R

6R



	REF. (QTY 1)					REF. (QTY 5)	
	for tip	ORDER SIZE Ø	WORKING LENGTH	BASKET O.D.	BASKET LENGTH	SPARE SHAFT	ORDER SIZE

RÜSCH-STONEX® 4R with 4 round wires and cylindrical tip

	341450	Ch. 2.5	90 cm	12 mm	20 mm	343030	Ch. 2.5
	341400	Ch. 2.5	115 cm	12 mm	20 mm		
	341500	Ch. 3	65 cm	20 mm	40 mm	341700	Ch. 3
	341450	Ch. 3	90 cm	20 mm	40 mm	341730	Ch. 3
	341400	Ch. 3	115 cm	20 mm	40 mm	341760	Ch. 3
	341500	Ch. 4	65 cm	20 mm	40 mm	341700	Ch. 4
	341500	Ch. 5	65 cm	20 mm	40 mm	341700	Ch. 5

RÜSCH-STONEX® 4R with 4 round wires and filiform tip made of polyurethane

	341600	Ch. 4 Ch. 5	65 cm	20 mm	40 mm	341700	Ch. 4 Ch. 5
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RÜSCH-STONEX® 5R with 5 round wires and cylindrical tip

	341401	Ch. 3	115 cm			341760	Ch. 3
	341501	Ch. 4	65 cm	20 mm	40 mm	341700	Ch. 4
	341501	Ch. 5	65 cm			341700	Ch. 5

RÜSCH-STONEX® 5R with 5 round wires and filiform tip made of polyurethane

	341601	Ch. 4 Ch. 5	65 cm	20 mm	40 mm	341700	Ch. 4 Ch. 5
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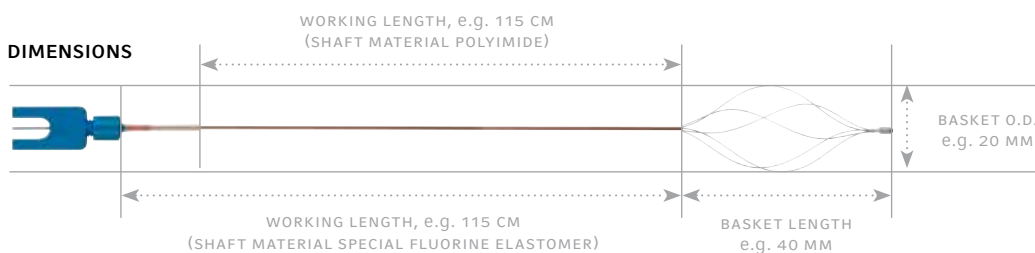
RÜSCH-STONEX® 6R with 6 round wires and cylindrical tip

	341402	Ch. 3	115 cm			341760	Ch. 3
	341502	Ch. 4	65 cm	20 mm	40 mm	341700	Ch. 4
	341502	Ch. 5	65 cm			341700	Ch. 5

RÜSCH-STONEX® 6R with 6 round wires and filiform tip made of polyurethane

	341602	Ch. 4 Ch. 5	65 cm	20 mm	40 mm	341700	Ch. 4 Ch. 5
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DIMENSIONS



RÜSCH-STONEX ROUND WIRE BASKETS

offer a wide selection of variants – suitable for every size and shape of stone.

- atraumatic tips
- form-stable round wire basket made from stainless steel, helical external form
- single-handed handgrip
- clip-on retainer
- shaft with cm graduations with 65 cm working length
- radiopaque
- packed in blister
- shaft material: polyimide or special fluorine elastomer
- shaft: use once
- sterile
- latex-free

10 MEASURING CATHETERS FOR URODYNAMICS

10.1 CATHETERS FOR CYSTOMETROGRAPHY / COMBINED URETHROCYSTOMETROGRAPHY

MEASURING CATHETER



made of polyurethane, for cystometrography, two-way

- lumen is closed off between measuring eye and tip
- correct connection to the measuring instrument is ensured by means of colour coded attachments*
- flow rate of filling channel: up to 100 ml/min.
- small diameter of catheters reduces strain on the urethra
- thin-walled, dimensionally stable material
- easy disposal
- sterile, single use
- **latex-free**

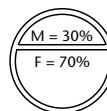
ZYS 200 / 210

Polyurethane



	REF.	SIZE	LENGTH	EYES	QTY
	ZYS 200, cylindrical				
	395751-072000	Ch. 7	20 cm	3	10
	395751-074000	Ch. 7	40 cm		
	395751-092000	Ch. 9	20 cm		
	395751-094000	Ch. 9	40 cm		
	ZYS 210, Tiemann				
	395751-072010	Ch. 7	20 cm	3	10
	395751-074010	Ch. 7	40 cm		
	395751-092010	Ch. 9	20 cm		
	395751-094010	Ch. 9	40 cm		

■ F = filling lumen eye
■ M = measuring eye



* blue = filling channel (F), red = measuring channel (M)


MEASURING CATHETER

for measuring urethral profile pressure, made of PVC, single lumen

- universal adapter with sealing cap
- cm graduation
- sterile, single use
- **latex-free**

MEASURING CATHETER PVC



	REF.	ORDER SIZE	LENGTH	EYES	QTY
 cylindrical	395766	Ch. 8	39 cm	2	10


MEASURING CATHETER

for bladder filling and pressure measurement, made of PVC, double lumen

- universal adapters with sealing caps
- cm graduation
- sterile, single use
- **latex-free**

MEASURING CATHETER PVC





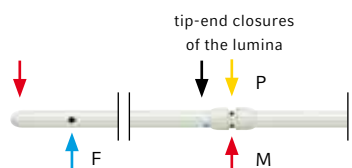
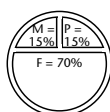
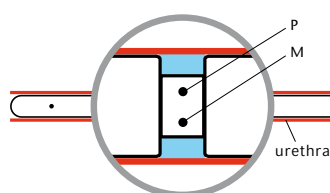
	REF.	ORDER SIZE	LENGTH	EYES	QTY
 cylindrical	395767	Ch. 8/10/12	43 cm	2	10

ZYS 302 / 312

Polyurethane



	REF.	SIZE	LENGTH	EYES	QTY
	ZYS 302, cylindrical				
	395752-072002	Ch. 7	20 cm	3	5
	395752-074002	Ch. 7	40 cm		
	395752-092002	Ch. 9	20 cm		
	395752-094002	Ch. 9	40 cm		
	ZYS 312, Tiemann				
	395752-072012	Ch. 7	20 cm	3	5
	395752-074012	Ch. 7	40 cm		
	395752-092012	Ch. 9	20 cm		
	395752-094012	Ch. 9	40 cm		



- F = filling lumen eye
 ■ M = measuring eye
 ■ P = perfusion eye

* blue = filling channel (F), red = measuring channel (M), yellow = perfusion channel (P)

MEASURING CATHETER

for combined urethrocystometry, made of polyurethane, three-way

- measurement of intravesical pressure and urethra profile pressure is carried out with the same catheter via separate channels
- respective lumen is closed off between the perfusion / measuring eye and the tip
- flow rate of filling channel: up to 100 ml/min. A maximum value of 9 ml/min. has been determined for the perfusion and measuring channel (related to the 9 Ch. catheter)
- correct connection to the measuring instrument is ensured by means of colour coded attachments*
- Perfusion and measuring eye are situated in a cavity at the connection of the shaft. Thus a closed space between catheter and urethra is created in which a constant pressure is built up, enabling exact pressure measurement
- easy disposal
- sterile, single use
- **latex-free**

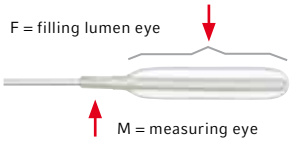
WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE


10.2 RECTAL BALLOON CATHETERS

RECTAL BALLOON CATHETER
made of PVC, double lumen

- shaft perforated within the balloon
- with clamp
- sterile, single use
- latex-free

ZYS 502
PVC




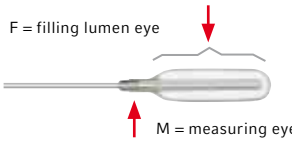



REF.	SIZE	LENGTH	QTY
central opening			
395753-182702	Ch. 18	27 cm	5

RECTAL BALLOON CATHETER
for children, made of PVC,
single lumen

- shaft perforated within the balloon
- sterile, single use
- latex-free

ZYS 520 
PVC






REF.	SIZE	LENGTH	QTY
central opening			
395753-101020	Ch. 10	100 cm	5

RECTAL BALLOON CATHETER
made of PVC with latex balloon,
single lumen

- shaft with 1 eye inside the latex balloon
- universal adapter with sealing cap
- sterile, single use

RECTAL BALLOON CATHETER

PVC / Latex



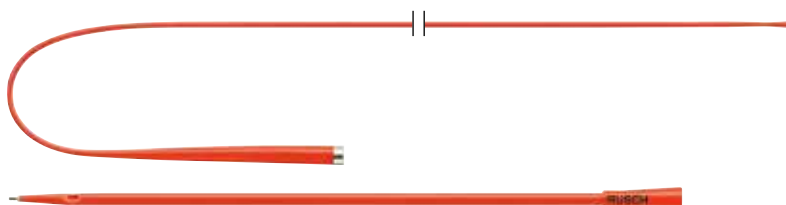
REF.	ORDER SIZE	LENGTH	EYES	QTY
central opening				
395763*	Ch. 14	39 cm	1	10

* This product contains natural rubber latex which may cause allergic reactions.

11 SPECIAL PRODUCTS

11.1 BOUGIES

DÉLÉFOSSE CATHETER SET PVC




DÉLÉFOSSE CATHETER SET consisting of:

Catheter made of PVC, red

- male metric thread
- 1 eye
- sterile
- latex-free

Guide bougie (filiform bougie) made of PVC, red

- female metric thread
- olive tip
- sterile
- latex-free

REF.		CATHETER		GUIDE BOUGIE		QTY
		SIZE	LENGTH	SIZE	LENGTH	
Déléfosse catheter set						
	252600-000120	Ch. 12	approx. 37 cm	Ch. 1	approx. 33 cm	2
	252600-000140	Ch. 14		Ch. 2		
	252600-000160	Ch. 16		Ch. 2		
	252600-000180	Ch. 18		Ch. 3		
	252600-000200	Ch. 20		Ch. 3		

FILIFORM BOUGIE PVC



FILIFORM BOUGIE

made of PVC, red

- female metric thread
- olive tip
- compatible with Ref. 252600
- latex-free

	REF.	ORDER SIZE	LENGTH	QTY
Guide bougie, olive tip				
	277100	Ch. 1-6	approx. 33 cm	2

BOUGIE PVC



BOUGIE

made of PVC, red, solid

- olive tip
- latex-free

	REF.	ORDER SIZE	LENGTH	QTY
Bougie, olive tip				
	270300	Ch. 7-24	approx. 37 cm	2

WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

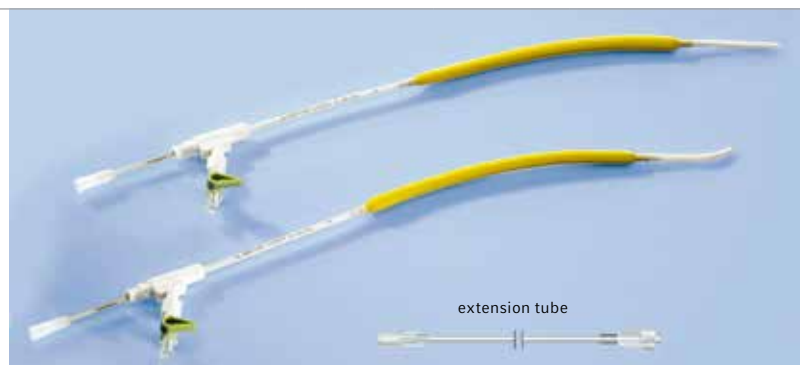
11.2 HYDRAULIC URETHRAL DILATORS

HYDRAULIC URETHRAL DILATOR SET

for the treatment of urethral strictures and for the postoperative dilation of the urethra after an internal urethrotomy.

- 2-way dilator made of polyurethane
- white, radiopaque
- with special armoured balloon made of latex, balloon filling pressure 5 bar
- hollow stylet and non-return valve with Luer-lock syringe tip
- 2-way stopcock
- extension tube made of PVC, transparent, Luer-lock adapters (male and female), approx. 50 cm long
- enclosed single use syringe
- sterile, single use

HYDRAULIC URETHRAL DILATORS



Tip configuration	REF.	MATERIAL	ORDER SIZE	LENGTH	BALLOON	QTY
 conical with central opening for coaxial application	342100*	polyurethane latex balloon	Ch. 14:28	approx. 40 cm	8.0 ml 15 cm long	1
	342101*	polyurethane latex balloon	Ch. 12:22	approx. 40 cm	5.0 ml 15 cm long	1
	342102*	polyurethane latex balloon	Ch. 14:28	approx. 50 cm	13.0 ml 20 cm long	1
 Tiemann pattern, 1 eye	342200*	polyurethane latex balloon	Ch. 14:28	approx. 40 cm	8.0 ml 15 cm long	1
	342201*	polyurethane latex balloon	Ch. 12:22	approx. 40 cm	5.0 ml 15 cm long	1
	342202*	polyurethane latex balloon	Ch. 14:28	approx. 50 cm	13.0 ml 20 cm long	1

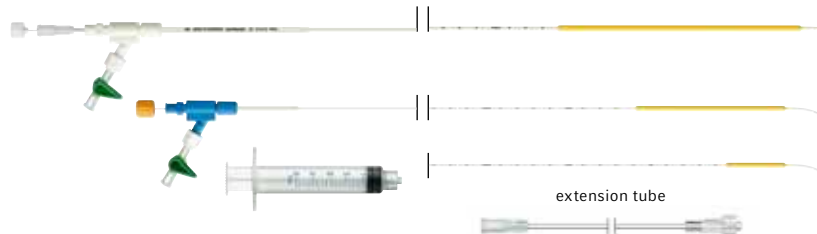
Maximum diameter of guidewire for coaxial urethral dilators

REF. 342100 / 342101 / 342102	
0.035"	0.89 mm

* These products contain natural rubber latex which may cause allergic reactions.

11.3 HYDRAULIC URETER DILATORS



HYDRAULIC URETER DILATORS



HYDRAULIC URETER DILATORS

Gentle balloon dilation of the ureter

- dilators made of polyurethane with special armoured balloon made of latex
- white, radiopaque
- cm graduation
- stylet
- check valve with two-way stopcock with Luer-lock adapter
- enclosed single use syringe
- sterile, single use

Tip configuration	REF.	MATERIAL	ORDER SIZE	LENGTH	BALLOON	QTY
 conical with central opening	342002*	DOUBLE LUMEN Hydraulic ureter dilator set, for coaxial applications, hollow inner stylet and two-way stopcock with Luer-lock adapter, enclosed extension tube made of transparent PVC, with Luer-lock adapters (male and female), approx. 50 cm long				
		polyurethane latex balloon	Ch. 8:18	approx. 70 cm	3.0 ml 9.5 cm long	1
 curved olive tip	342000*	SINGLE LUMEN Hydraulic ureter dilator set, for use through ureterorenoscopes				
		polyurethane latex balloon	Ch. 5:12	approx. 75 cm	0.9 ml 5 cm long	1
			Ch. 6:14			
	342001*	polyurethane latex balloon	Ch. 5:14	approx. 70 cm	0.3 ml 2 cm long	1

Maximum diameter of guidewire for coaxial ureter dilator

REF. 342002	
0.035"	0.89 mm

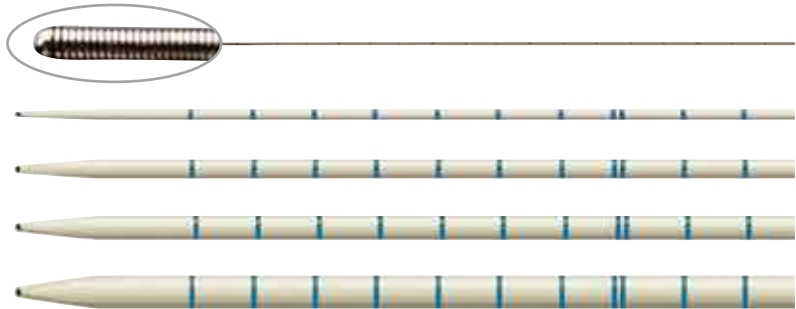
WHEN ORDERING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE





11.4 MECHANICAL URETER DILATORS

MECHANICAL URETER DILATORS
for step-by-step ureteral dilation

- polyurethane dilators
- extremely radiopaque
- cm graduation
- sterile, single use
- latex-free

MECHANICAL URETER DILATORS



Tip configuration	REF.	MATERIAL	ORDER SIZE	LENGTH	QTY
 conical with central opening  flexible tip	341000	Ureter dilator set, Vienna model consisting of dilators in 9 different sizes and a guidewire with straight flexible safety tip and cm graduation up to 50 cm			1
		Polyurethane dilators Stainless steel guidewire	Ch. 6/8/9/10/11/12/ 13/14/16 Ø 0.037" (0.95 mm)	approx. 60 cm approx. 150 cm	
 conical with central opening	341001	Ureter dilator, individually packed			5
		polyurethane	Ch. 6/8/9/10/11/12/ 13/14/16	approx. 60 cm	
 flexible tip	341002	Guidewire, individually packed straight flexible safety tip, cm graduation up to 50 cm			2
		stainless steel	Ø 0.037" (0.95 mm)	approx. 150 cm	

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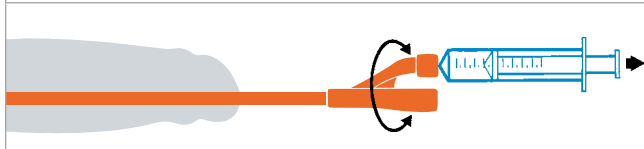
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Eight removal methods which can be used when the balloon of a Foley catheter will not deflate.

by Dr. Stephan Roth and Prof. L. Hertle, Department of Urology, University of Münster/Germany.

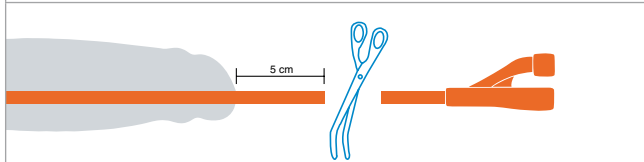
DEFLATING BY USING TORSION

Technique: Aspirate while slightly pulling the catheter end with alternating right-left rotation to loosen adhesions and remove ridges in the filling lumen.



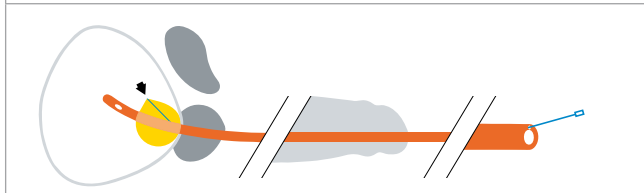
SHORTENING THE DEFECTIVE LENGTH

Technique: Remove the funnel part of the catheter which is most prone to defects from the continuous stresses of tension and kinking. It is important to maintain a safety margin of at least 5 cm beyond the meatus urethrae.



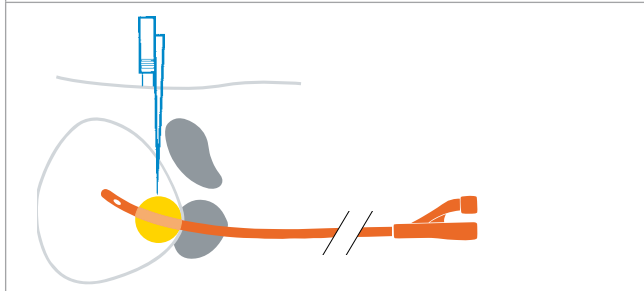
TRANSLUMINAL PROBING AND PERFORATION

Technique: Access the filling lumen with a thin probe (stylet of a ureteral, central venous or angiography catheter). If this is unsuccessful, attempt to perforate the balloon with the inserted stylet (caution: examine the balloon afterwards to ensure complete removal).



PERCUTANEOUS PUNCTURE

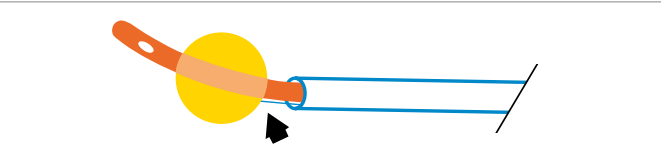
Technique: This can be done both using radiological (cystogram) or ultrasound guidance. Before puncturing secure the catheter to the bladder neck by slightly pulling the distal end of the catheter. Nephrostomy, biopsy or lumbar puncture needles may be used for the puncture (caution: examine the balloon afterwards to ensure complete removal).



HARPOON TECHNIQUE

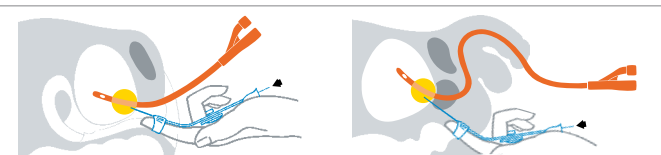
Technique: Fill the shaft of a cystoscope with lubricant and insert the cut end of the catheter into it up to the balloon.

Then insert a probe between the shaft and the catheter using the technique described by O'Flynn. Catheter pushers or ureteral catheters guidewires may be used as probes (caution: examine the balloon afterwards to ensure complete removal).



TRANSRECTAL OR TRANSVAGINAL PUNCTURE

Technique: Pull the catheter end lightly until the balloon is stuck at the bladder neck and puncture it using a flexible biopsy needle (caution: examine the balloon afterwards to ensure complete removal).



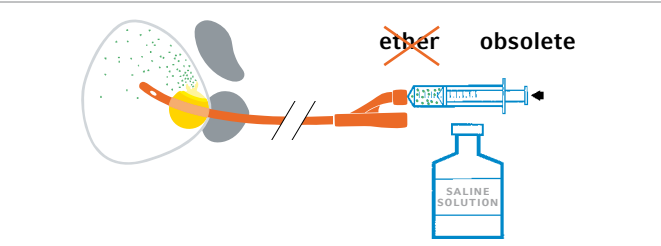
RUPTURE BY OVERDISTENSION

Technique: Rupture can be induced by overdistending the balloon with 0.9% NaCl. Depending on the catheter, however, a volume of between 70 and 200 ml is required. Thus there is a risk of urinary system rupture in patients with nephrostomy catheters and those with contracted bladders.



CHEMICALLY INDUCED RUPTURE

Technique: Inject 10 ml paraffin oil through the filling lumen. Inject a further 5-10 ml after 5-10 minutes if necessary. As a preventative measure, it is important to prefill the bladder with 100-200 ml saline solution. After removing the balloon catheter, inspect the bladder cystoscopically for fragments to avoid formation of calculus.



Caution! The low boiling point of ether (34.5 °C) causes an almost instantaneous volume increase of 0.4 to 1.01 litres after instilling 2-5 ml ether. This is associated with the risk of bladder rupture, particularly in children. Thus the use of ether is outdated and should be avoided.

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