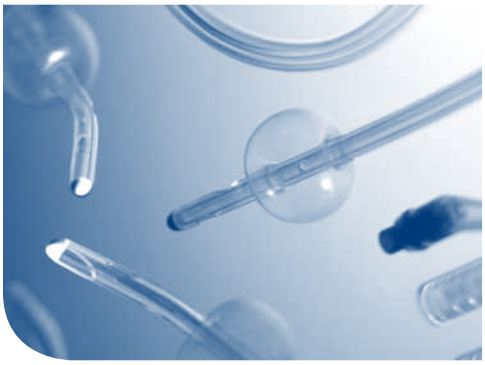
RÜSCH UROLOGY

For almost any application



Teleflex MEDICAL

UROLOGY

Colour code, tips and duration of application 02

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SUPERIOR QUALITY

With RÜSCH, Teleflex Medical offers the well-known quality for almost any 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 ANY APPLICATION

Our extensive range of urology products offers you high-quality instruments for almost any 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. Good to know that all products are manufactured with particular care 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 our wide range of materials used, you can find the right product for any application, which will not only meet with your patients' needs but also provide economic solutions. In addition, the high quality standard of all RÜSCH materials guarantees a maximum of security.

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.

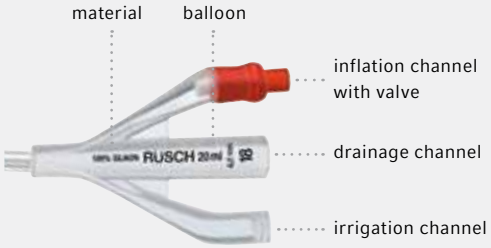
FOLEYS FOR ALL CASES

We provide a broad range of Foley catheters for trans-urethral urine drainage made from 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 – in every case while remaining economical.

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

TIPS
cylindrical
Tiemann
Couvelaire
Dufour
Mercier
whistle tip

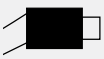
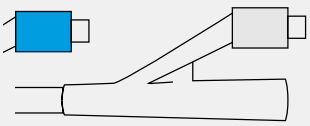
MATERIALS	DURATION OF USE IN WEEKS					
	1	2	3	4	5	6
Silicone • biocompatible, biostable, non-allergenic • surface inhibits encrustation • high drainage capacity, also ideal for long-term use • safe and easy to insert • high patient comfort						
Silicone elastomer coated latex • abrasion-resistant coating inside and outside • flexible latex shaft • smooth surface inside and outside • reduced tendency to encrustation • can be left in longer than Silkolatex (latex)						
Silkolatex (latex) • particularly economical						
PVC • 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 ARRRANGEMENTS			
	1 eye		2 eyes, staggered
	2 opposing eyes		3 eyes, staggered
	2 eyes, side by side		over entire tip (TUR)

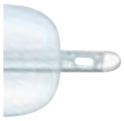
Colour code:

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

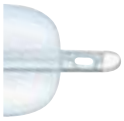
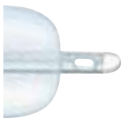
RÜSCH BRILLANT
Silicone

	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
- 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 BRILLANT FOLEY CATHETER
made of silicone, transparent, with prefilled syringe for balloon inflation

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

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 secretion, with prefilled syringe for balloon inflation

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

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

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

SILASIL FOLEY CATHETER
made of latex, inner and outer abrasion-resistant silicone elastomer 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. 12-30	5-15 ml	2 opposing eyes	approx. 40 cm	10
	186505*	**Tiemann**				
		Ch. 12-24	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
- valve for Luer and Luer-lock syringe tips
- **red** stripe
- latex balloon
- 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 ORDERDING, 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 Brillant 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.
In the silver-coated version (SSC-Cath), the silicone catheters offer further protection against the development of biofilm on the catheter surface.
RÜSCH silicone Foley catheters are characterised by outstanding cost effectiveness due to their excellent long-term characteristics.

Latex*
The material used for Rüsch GOLD Foley catheters consists 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 good cost effectiveness.

PVC – ideal for postoperative use
The high-quality thermosensitive material is particularly suitable for postoperative irrigation and drainage catheters. The plastic is still firm during introduction, which facilitates catheterisation.
The effect of 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.

** Latex catheters must not be used in sensitised persons who can have an allergic reaction to components of these products.*

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

RÜSCH BRILLANT
Silicone

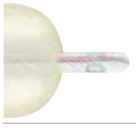
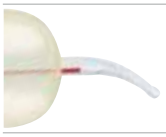
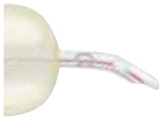
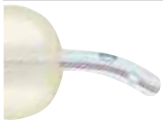
	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	170630	**cylindrical,** solid tip				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	10
	172530	**Couvelaire**				
		Ch. 18/20 Ch. 22/24	20 ml 30 ml	2 eyes, staggered	approx. 41 cm	5

SOFTSIMPLASTIC FOLEY CATHETER
made of PVC, transparent

Catheter for postoperative drainage, 2-way

- thermosensitive
- valve for Luer and Luer-lock syringe tips
- **red** stripe
- latex balloon
- 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
		Couvelaire				
	662530* 662575*	Ch. 16-24 Ch. 18-24	30 ml 75 ml	2 opposing eyes	approx. 42 cm	10
		**Dufour**				
	662630* 662675*	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 ORDERDING, 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. 14-24	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.

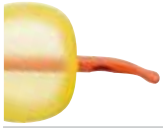
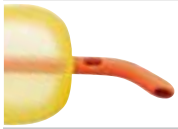
RÜSCH GOLD FOLEY CATHETER
made of latex, armoured, yellow

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

RÜSCH BRILLANT
Silicone

	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
		cylindrical, solid tip				
	173830	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
		Couvelaire				
	173930	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 CATHETER
made 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
- 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

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

FOLEY CATHETER
made of silicone, transparent

Catheter for postoperative drainage, 3-way

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

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

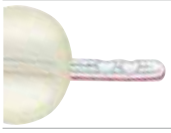
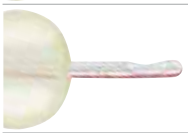
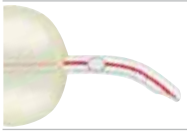
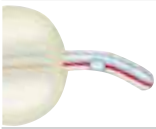
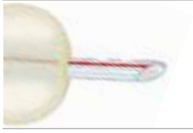
* *These products contain natural rubber latex which may cause allergic reactions.*

SOFTSIMPLASTIC FOLEY CATHETER
made of PVC, transparent

Catheter for postoperative drainage, 3-way

- thermosensitive
- valve for Luer and Luer-lock syringe tips
- **red** stripe
- latex balloon
- sterile, single use

SOFTSIMPLASTIC
PVC

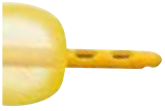
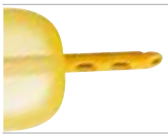
	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	664330*	**cylindrical**				
		Ch. 18-24	30 ml	2 eyes, side by side	approx. 42 cm	10
	664130* 664176*	**Couvelaire**				
		Ch. 16-24 Ch. 18-24	30 ml 75 ml	2 opposing eyes	approx. 42 cm	10
	664530* 664575*	**Dufour**				
		Ch. 18-22 Ch. 18-24	30 ml 75 ml	2 eyes,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

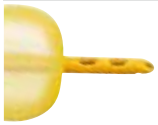
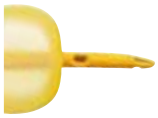
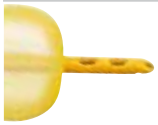
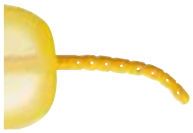
RÜSCH GOLD
Latex

	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 ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

RÜSCH GOLD, ARMOURED

Armoured latex

	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,** drainage holes over the whole tip				
		Ch. 18-24	50-100 ml		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, 3-way

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

ROBUSTA RUBBER

Rubber

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

FOLEY CATHETER

made of Robusta rubber, red

Catheter for postoperative drainage, 3-way

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

1.3 FOLEY CATHETERS FOR CHILDREN

RÜSCH BRILLANT FOLEY CATHETER
made of silicone, transparent

- valve for Luer and Luer-lock syringe tips
- radiopaque tip and contrast stripe
- 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

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

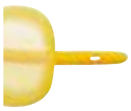
AQUAFLATE GLYCERINE
Silicone

	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 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

	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 FOLEY CATHETER
made of polyurethane, transparent

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

RÜSCH SENSOR

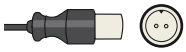
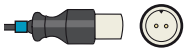
Silicone

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

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

BRILLANT ADAPTER CABLES

	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 ORDERDING, 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 secretion, 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

SSC-CATH, FOLEY CATHETER
made of silicone, silver-coated, 2-way

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

SSC-CATH

Silicone

	REF.	ORDER SIZE	BALLOON	EYES	LENGTH	QTY
	170505	**cylindrical,** solid tip				
		Ch. 12-24	10 ml	2 opposing eyes	approx. 41 cm	5

Nosocomial urinary tract infections are caused, in at least 80% of all cases, by indwelling catheters; on the catheter surface, a biofilm develops the longer the catheter is in situ. Silver coating on the surface or silver impregnation of the catheter can prevent or delay the development of the biofilm.

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
- 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 VISUALIZATION

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

CATHETER FOR RADIOGRAPHIC VISUALIZATION 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**

CHAIN CATHETER SET

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

CHAIN CATHETER SET FOR RADIOGRAPHIC VISUALIZATION OF THE FEMALE URETHRA.

Contrast medium injection, X-ray visualization 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*				
		Ch. 18	10 ml	approx. 41 cm	1

CATHETER FOR RADIATION MEASUREMENT

made of polyurethane, 2-way

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

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

1.5 ACCESSORIES

	REF.	DESCRIPTION	QTY
	204501	**Adjustable flange**	
		to fix haemostatic catheters • for Ch. 24 • sterile, single use	5
	546000	**Catheter stylet,** made of metal	
		• diameter 2.5 mm • approx. 55 cm long • unsterile	1
	548000	**Catheter plug,** made of blue PVC	
		• for Ch. 7-30 • unsterile • **latex-free**	100
	548500	**Catheter plug,** made of blue PVC	
		• 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	
		• without adhesive tape • with adhesive tape	50
		• sterile, single use • **latex-free**	
	850550	**SilFlate,** prefilled syringe*	
		• with sterile 10% aqueous glycerine solution • 10 ml • sterile, single use *** Attention: To inflate silicone balloons only!**	10

WHEN ORDERDING, 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. 14-26	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

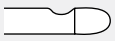
	REF.	ORDER SIZE	EYES	LENGTH	QTY
	220005	**cylindrical tip,** siliconised, double packed, size acc. to colour code			
		Ch. 8-16	1 eye	approx. 16 cm	50
	220006	**cylindrical tip,** siliconised, simple packed, size acc. to colour code			
		Ch. 8-16	1 eye	approx. 16 cm	50
	238000	**cylindrical tip,** double 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 ACCORDING TO FOLLOWING COLOUR CODE:

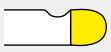
Ch. 10


Ch. 12

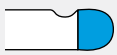
Ch. 14

Ch. 16

Ch. 18


Ch. 20

Ch. 22


Ch. 24

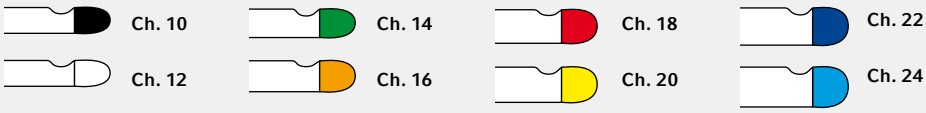
CATHETERS
made of PVC

- 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

CHARRIÈRE SIZE ACCORDING TO FOLLOWING COLOUR CODE:



WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

2.2 CATHETERS MADE OF RUBBER

NELATON CATHETERS
Soft rubber

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

NELATON CATHETERS
made of soft rubber

- red
- cylindrical
- with funnel
- sterile

TIEMANN CATHETERS
Robusta rubber

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

TIEMANN CATHETERS
made of Robusta rubber

- red
- with funnel
- sterile

SELF-RETAINING CATHETERS
Latex

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

SELF-RETAINING CATHETERS
made of latex

- red
- with funnel
- sterile, single use

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

3 BLADDER CATHETERIZATION SET

3.1 DESCRIPTION

BLADDER CATHETERIZATION SET

REF.	DESCRIPTION	QTY
187500	**Sterile contents:** 1 x water-proof paper cloth, approx. 76 x 46 cm 1 x kidney tray 1 x pair of vinyl gloves XL 1 x PE glove XL 1 x plastic tray with 6 gauze swabs 2 x gauze compresses 8 x 7.5 cm 1 x water-proof drape with slit, approx. 76 x 46 cm 1 x plastic tweezers 1 x sachet with 5 g water-soluble lubricant sterile, single use **latex-free**	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 catheterization is carried out under aseptic conditions, i.e. all measures applied during this procedure must be of sterile nature.

3.2 APPLICATION

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

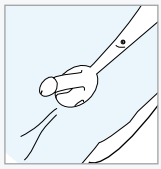
RECOMMENDATION: After informing the patient about the forthcoming bladder catheterization, hygiene of the intimate areas should be carried out.
The patient is then placed in flat dorsal position. Ask women to tuck up their legs and place their feet in a straddled position. Place a cloth under the patient's buttocks. Finally, disinfect your hands.

STEP 1: PREPARATION

1 Open the set; the outer peel-back can be kept and used as 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 helping second person can make sure that all additional material used is 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 technique, the drape with slit is now placed on the patient with the foil side down. In the case of women, the slit should point to their feet, and with men it should point to their head.



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

STEP 3: DISINFECTION

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

♀ PROCEDURE WITH WOMEN

(after hygiene of 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 hygiene of the intimate areas if necessary):
Pull back prepuce (foreskin). Disinfect glans penis all around, from urethra to the body, using all 6 swabs.

STEP 4: CATHETERIZATION

1 After disinfection, take off the PE glove.
Make sure that the two other gloves remain sterile.
2 Wet the catheter tip sufficiently with the water-soluble lubricant.
3 Carefully insert the catheter with your hand or with the plastic tweezers 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 to fill 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 used and it has not yet been connected to a sterile closed urine collector, this must be done now.
5 With men, the foreskin must be repositioned after catheterization.

STEP 5: COMPLETION

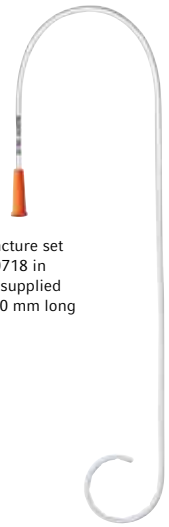
- Dry the genital area if necessary.
- Fasten the urine collector to the bed, always below the bladder level.
- Dispose of all materials in an environmentally suitable manner.
- Carry out final hand disinfection!

4 SUPRAPUBIC URINE DRAINAGE

4.1 SETS FOR APPLICATION WITH ADULTS AND CHILDREN

EASYCYST ADULT

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



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

REF.	ORDER SIZE	QTY
170718*	**Puncture set**	
	Ch. 8/10/12/14/16	10
170717	**Exchange set**	
	Ch. 8/10/12/14/16	10

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 ADULT

THE LONG-TERM CATHETER MADE OF SILICONE WITH THE GREATEST POSSIBLE COMFORT DURING WEAR

REF.	ORDER SIZE	QTY
170703	**Puncture set**	
	Ch. 10/12/14/16	5
170704	**Exchange set**	
	Ch. 10/12/14/16	5

With pigtail – and 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
- no suture necessary as secured by the balloon: minimally invasive
- sterile, single use
- **latex-free**

SILFLATE

PREFILLED SYRINGE*

REF.	FILL VOLUME	QTY
850550	**SilFlate**	
	10 ml	10

- with sterile 10% aqueous glycerine solution
- sterile, single use

**Attention: To inflate silicone balloons only!*

SUPRACATH ADULT

THE ECONOMICAL PRODUCT MADE OF SILICONE FOR LONG-TERM CARE

SUPRACATH single catheters Ref. 170606 ideally fit our puncture instruments TROCAFIX on page 25.

*
Ch. 14-20 with radiopaque tip

REF.	ORDER SIZE	QTY
170727*	**Puncture set**	
	Ch. 8/10/12/14/16	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

- 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 due to the centrally open, straight tip
- no suture necessary as secured by the balloon: minimally invasive
- sterile, single use
- **latex-free**

EASYCYST INFANT

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

REF.	ORDER SIZE	QTY
170723	**Puncture set**	
	Ch. 5	10
170722	**Exchange set**	
	Ch. 5	10

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 MADE OF SILICONE WITH THE GREATEST POSSIBLE COMFORT DURING WEAR

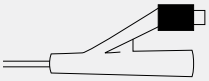
REF.	ORDER SIZE	QTY
170702	**Puncture set**	
	Ch. 8/10	5

With pigtail – without balloon

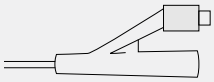
- extremely high drainage capacity even during long-term usage due to low encrustation tendency and large drainage eyes on the inner side of the pigtail
- greatest possible comfort during wear due to elasticity and biological compatibility
- minimal irritation of the bladder mucosa due to the pigtail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

COLOUR-CODED PUNCTURE NEEDLES, CATHETERS AND BALLOON SIZES

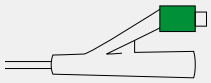
Ch. 8 ≈ 3 ml



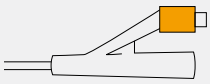
Ch. 10 ≈ 3-5 ml



Ch. 12 ≈ 5-10 ml



Ch. 14 ≈ 5-10 ml



Ch. 16 ≈ 5-15 ml

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

4.2 AN OVERVIEW OF THE SETS

PUNCTURE SETS

PUNCTURE SETS CONTAIN THE MAJOR COMPONENTS REQUIRED FOR FIRST USE. RELIABLE SIZE IDENTIFICATION DUE TO COLOUR-CODED CATHETER AND PUNCTURE NEEDLE PROVIDES IMMEDIATE INFORMATION REGARDING THE DRAINAGE CAPACITY.

Contents:

- Catheter
- Urine bag① (not EasyCyst Infant)
- Easily splittable puncture cannula
- Scalpel (not EasyCyst Infant)
- Adhesive tape
- Clamp or plug

PUNCTURE SETS

		CATHETER					PUNCTURE NEEDLE	
REF.	DESIGNATION	DESIGN	BALLOON	MATERIAL	LENGTH	ORDER SIZE	PUNCT. LENGTH	QTY
170718②	**EASYCYST ADULT**	Pigtail	–	polyurethane	550 mm	Ch. 8	80 mm	10
170718	**EASYCYST ADULT**	Pigtail	–	polyurethane	550 mm	Ch. 10/12/14/16	120 mm	10
170703	**SUPRAFLEX ADULT**	Pigtail	balloon	silicone	510 mm	Ch. 10/12/14/16	120 mm	5
170727	**SUPRACATH ADULT**	Short, straight tip	balloon	silicone	410 mm	Ch. 8/10/12/14/16	120 mm	5
170723	**EASYCYST INFANT**	Pigtail	–	polyurethane	500 mm	Ch. 5	70 mm	10
170702	**SUPRAFLEX INFANT**	Pigtail	–	silicone	510 mm	Ch. 8	80 mm	5
170702	**SUPRAFLEX INFANT**	Pigtail	–	silicone	510 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 DUE TO COLOUR-CODED CATHETER PROVIDES IMMEDIATE INFORMATION REGARDING THE DRAINAGE CAPACITY.

Contents:

- Catheter
- Guidewire with PTFE coating
- Adhesive tape
- Clamp or plug

EXCHANGE SETS

		CATHETER					GUIDEWIRE	
REF.	DESIGNATION	DESIGN	BALLOON	MATERIAL	LENGTH	ORDER SIZE	LENGTH	QTY
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	10

4.3 SETS FOR EMERGENCY APPLICATIONS

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

TROCAFIX

THE REUSABLE PUNCTURE CANNULA MADE OF STAINLESS STEEL FOR USE WITH VARIOUS BALLOON CATHETERS

REF.	ORDER SIZE	I.D.	O.D.	LENGTH (APPROX.)	QTY
Puncture instrument					
546466	Ch. 8	Ch. 8	5.0 mm	133 mm*	1
546464	Ch. 10	Ch. 10	5.5 mm	133 mm	1
546464	Ch. 12	Ch. 12	6.0 mm	133 mm	1
546464	Ch. 14	Ch. 14	7.0 mm	131 mm	1
546464	Ch. 16	Ch. 16	7.5 mm	131 mm	1
546464	Ch. 18	Ch. 18	8.0 mm	131 mm	1

The accurate and regular graduations permit the selection of the puncture size to suit the patient.

- the two-piece cannula made of stainless steel can be re-sterilized – and is therefore extremely economical in use
- the hollow trocar guarantees quick and safe use: because of this, the guidewire can be inserted and the catheter can be placed easily
- another advantage of the hollow trocar: urine can flow back following successful puncture
- very few lesions of the mucosa during puncture due to the smoothly ground puncture needle

CATHETERS FOR TROCAFIX

SUPRACATH catheters equipped with balloon and centrally open, straight tip are optimally suited for TROCAFIX puncture instruments.

Also available: SUPRACATH single catheters (Ref. 170606) in sizes Ch. 8–20.

More information about SUPRACATH catheters available on page 22.

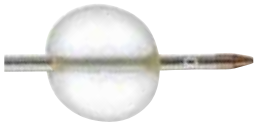
SIMPLASTIC

PUNCTURE AND URINE DRAINAGE WITHIN SECONDS

REF.	ORDER SIZE	QTY
650704*	**Puncture instrument**	
	Ch. 10/12/16	5

Puncture instrument made of PVC with latex balloon for emergency applications

- 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



SPEED WHEN EVERY SECOND COUNTS
Apply a local anaesthetic, make a small incision and insert the puncture instrument: urine can be drained immediately.

** With Ch. 8, an additional 40 mm long spacer is supplied.*

WHEN ORDERDING, 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 for the patient, such infections also present a big 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 which are required for a high-quality closed system for long-term medical care.

PRECONNECTED: MAXIMUM PROPHYLAXIS AGAINST INFECTIONS DURING STANDARD MEDICAL CARE

Reduction of intraluminally rising urinary tract infections: The connection between catheter and closed urinary drainage system is safeguarded with a protective foil – thus preventing unintentional disconnection with the 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 catheterization.

PRECONNECTED

CLOSED URINARY DRAINAGE SYSTEM WITH SILICONE BALLOON CATHETER
FOR STANDARD DRAINAGE UNDER LONG-TERM CONDITIONS

	REF.	COMPOSITION	ORDER SIZE	QTY
Sterile, single use, **latex-free**	171100	**PRECONNECTED**		10
		Rüsch Brillant silicone balloon catheter	Ch. 12/14/16/18	
		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 Brillant silicone balloon catheter
- transparent 2-way catheter with radiopaque tip and contrast stripe
- 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
- ridged universal connector with protective cap
- needle-free urine sampling port
- vented drip chamber with integrated non-reflux valve
- double bacteria-proof and liquid-tight ventilation
- clear graduation in ml
- flexible and kink-resistant tube with sliding clamp and sheet clip
- optimum fastening of the system thanks to a double hook with additional cord
- non-dripping bottom outlet for one-hand operation

5.2 CLOSED URINARY DRAINAGE SYSTEMS

RÜSCH S-BAG

CLOSED URINARY DRAINAGE SYSTEM FOR LONG-TERM STANDARD DRAINAGE

	REF.		CAPACITY	TUBE	QTY
Sterile, single use, **latex-free**	673044 673049	**Rüsch S-Bag** **Rüsch S-Bag A**	2000 ml	120 cm	20

T-tap outlet
Ref. 673049

- ridged universal connector with protective cap
- needle-free urine sampling port
- vented drip chamber with integrated non-reflux valve
- double bacteria-proof and liquid-tight ventilation
- clear graduation in ml
- flexible and kink-resistant tube with sliding clamp and sheet clip
- optimum fastening of the system thanks to a double hook with additional cord
- non-dripping bottom outlet with one-hand clamp (Ref. 673044) or with T-tap outlet (Ref. 673049)

RÜSCH P-BAG

CLOSED URINARY DRAINAGE SYSTEM FOR CHILDREN FOR STANDARD DRAINAGE UNDER LONG-TERM CONDITIONS

	REF.		CAPACITY	TUBE	QTY
Sterile, single use, **latex-free**	673052	**Rüsch P-Bag**	1000 ml	90 cm	20

- ridged universal connector with protective cap
- needle-free urine sampling port
- vented drip chamber with integrated non-reflux valve
- double bacteria-proof and liquid-tight ventilation
- clear graduation in ml
- flexible and kink-resistant tube with sliding clamp and sheet clip
- optimum fastening of the system thanks to a double hook with additional cord
- non-dripping bottom outlet for one-hand operation

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

CLOSED URINARY DRAINAGE SYSTEMS WITH URINE METER AND EXCHANGEABLE URINE COLLECTOR

URINE DRAINAGE SYSTEMS CONSISTING OF URINE METER AND URINE COLLECTOR

	REF.	CAPACITY URINE METER	CAPACITY URINE COLLECTOR	TUBE	QTY
Sterile, single use, **latex-free**	673084	500 ml	1500 ml	120 cm	10

Urine meter:
- 500 ml capacity (5 ml graduation) with integrated measurement chamber for small amounts (1 ml graduation)
- 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
- flexible and kink-resistant tube with sliding clamp and sheet clip
- lateral straps for optimum fastening
- easy to use bottom outlet valve

Urine collector:
- 1500 ml capacity
- sliding clamp on the inlet tubing
- non-reflux valve
- clear graduation in ml
- **without bottom outlet**

	REF.	CAPACITY URINE METER	CAPACITY URINE COLLECTOR	TUBE	QTY
Sterile, single use, **latex-free**	673085	500 ml	1500 ml	120 cm	10

Urine meter:
- 500 ml capacity (5 ml graduation) with integrated measurement chamber for small amounts (1 ml graduation)
- 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
- flexible and kink-resistant tube with sliding clamp and sheet clip
- lateral straps for optimum fastening
- easy to use bottom outlet valve

Urine collector:
- 1500 ml capacity
- sliding clamp on the inlet tubing
- non-reflux valve
- bacteria-proof and liquid-tight ventilation
- clear graduation in ml
- **T-tap outlet valve**

EXCHANGE COLLECTORS FOR REF. 673084 AND REF. 673085

REF.	CAPACITY	QTY
673086	1500 ml	50

- sliding clamp on the inlet tubing
- non-reflux valve
- clear graduation in ml
- **without bottom outlet**
- sterile, single use
- **latex-free**

REF.	CAPACITY	QTY
673087	1500 ml	50

- sliding clamp on the inlet tubing
- non-reflux valve
- bacteria-proof and liquid-tight ventilation
- clear graduation in ml
- **T-tap outlet valve**
- sterile, single use
- **latex-free**

REF.	CAPACITY	QTY
673088	3000 ml	50

- sliding clamp on the inlet tubing
- non-reflux valve
- clear graduation in ml
- **without bottom outlet**
- sterile, single use
- **latex-free**

RÜSCH U-BAG

CLOSED URINARY DRAINAGE SYSTEM WITH INTEGRATED 400 ML MEARUREMENT CHAMBER

	REF.		CAPACITY	TUBE	QTY
Sterile, single use, **latex-free**	673064 673065	**Rüsch U-Bag**	2000 ml	120 cm 150 cm	10

- 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
- triple bacteria-proof and liquid-tight ventilation
- clear graduation in ml
- flexible and kink-resistant tube with sliding clamp and sheet clip
- optimum fastening of the system thanks to a Velcro band with D-ring
- non-dripping bottom outlet for one-hand operation

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

RÜSCH TUR BAG

CLOSED URINARY DRAINAGE SYSTEM FOR POSTOPERATIVE BLADDER IRRIGATION

	REF.		CAPACITY	TUBE	QTY
Sterile, single use, **latex-free**	673051	**Rüsch TUR Bag**	4000 ml	120 cm	20

- 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
- clear graduation in ml
- flexible and kink-resistant tube with large inner diameter, with sliding clamp and sheet clip
- optimum fastening of the system thanks to a single hook with additional cord
- exact reading thanks to balanced position of bag
- non-dripping bottom outlet for one-hand operation

5.3 ACCESSORIES

URINE COLLECTION BAG	URINE COLLECTION BAG TO EMPTY URINE DRAINAGE SYSTEMS AND FOR THE DISPOSAL OF URINE		
	REF.	CAPACITY	QTY
Unsterile, single use, **latex-free**	673045	2000 ml	20

- 2000 ml bag with ml graduation
- ridged universal connector with protective cap, suitable for all urine drainage systems with **elastic** outlet tube*
- sliding clamp at the inlet tubing to close the bag

* *The urine collection bag Ref. 673045 ideally fits our closed urinary drainage systems: Preconnected (Ref. 171100), Rüsch S-Bag (Ref. 673044), Rüsch P-Bag (Ref. 673052), Rüsch U-Bag (Ref. 673064 & 673065) as well as all other urine drainage systems with **elastic** outlet tubes. Please note: The urine collection bag Ref. 673045 cannot be used for emptying urine drainage systems with a **non-elastic** outlet tube.*

While emptying the urine drainage system, this 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 of the urine drainage system the urine collection bag can be closed with the sliding clamp and disposed of.
Thus the whole procedure has become safe and hygienic – an important contribution to infection prevention.

We offer you a clean and hygienic solution to empty urine drainage systems and to dispose 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. That way you can avoid using open urine sampling containers and save the inevitable cleaning of the container after each usage.

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

	REF.	DESCRIPTION	QTY
	263624-000050	**Extension piece**	1
	The extension stylet can be adapted to all Superglide ureteral catheters of size Ch. 5, thus extending their working length by approx. 70 cm. Sterile, single use, **latex-free**		

6.2 URETERAL CATHETERS FOR STANDARD APPLICATIONS

URETERAL CATHETERS

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 ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

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**

URETERAL CATHETERS

Great variety for optimal 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

	REF.	DESCRIPTION	QTY
	263624-000050	**Extension piece**	1
	The extension stylet can be adapted to Ref. 264100 and 264102 of size Ch. 5, thus extending their working length by approx. 70 cm. Sterile, single use, **latex-free**		

6.3 URETERAL CATHETERS FOR SPECIAL APPLICATIONS

URETERAL CATHETERS / SPECIAL

TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY
Chevassu, whistle tip	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

TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	EYES	QTY
closed	324200*	**Ureteral catheter, Pflaumer pattern**				
		soft rubber	Ch. 6-10/12	approx. 70 cm	2	5

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**

- with graduation
- sterile, single use

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

6

WHEN ORDERDING, 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, ONE 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

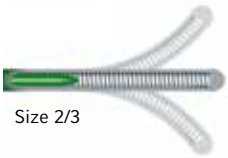
REF. 340700 / 340800 / 340802					
	Ch. 3	**Ch. 4**	**Ch. 5**	**Ch. 6**	**Ch. 7**
Liquid	0.3 ml	0.6 ml	1.5 ml	2.0 ml	2.5 ml
Air	0.6 ml	1.2 ml	3.0 ml	4.5 ml	5.0 ml

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

	REF.	MATERIAL		ORDER SIZE	LENGTH	QTY
flexible tip	264201	**Guidewire,** with PTFE coating, with movable core				
		stainless steel, PTFE coating		2/3	approx. 150 cm	5
 Size 2/3		**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

GUIDEWIRE

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

NITINOL GUIDEWIRE

	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 syringe tip to humidify the hydrophilic coating.			
		Nitinol	**Ø 0.035"** (0.89 mm)	approx. 150 cm	5

NITINOL GUIDEWIRE

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

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

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

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

6.6 ACCESSORIES

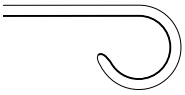
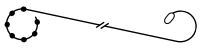
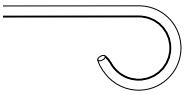
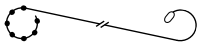
	REF.	DESCRIPTION	QTY
	547200	**Luer-lock adapter**	
		• plastic, blue • attachable • for Ch. 3-7 • sterile, single use • **latex-free**	10
	547201	**Luer-lock adapter**	
		• plastic, white • attachable • for Ch. 7-12 • sterile, single use • **latex-free**	10
	340702	**Luer-lock adapter**	
		• blue • clamped • for Ch. 3–6 • sterile, single use • **latex-free**	10
	340703	**Luer-lock adapter**	
		• white • clamped • for Ch. 6–10 • sterile, single use • **latex-free**	10
	526100	**Adapter**	
		to connect ureteral catheters to urine bags • plastic, red • for Ch. 6-18 • sterile, single use • **latex-free**	10

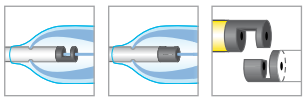
	REF.	DESCRIPTION	QTY
	263624-000050	**Extension piece**	
		The extension stylet can be adapted to all Superglide catheters in Ch. 5 and to Ref. 26 41 00 and 26 41 02 of size Ch. 5, thus extending their working length by approx. 70 cm. Sterile, single use, **latex-free**	1

7 URETERAL STENTS

7.1 SUPERGLIDE URETERAL STENTS

ANTIREFLUX SUPERGLIDE DD VALVE

TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART 26 cm	28 cm	ORDER SIZE (Ch.)	QTY
	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

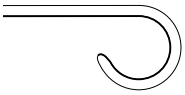
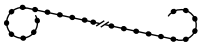
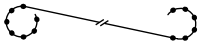
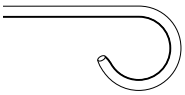
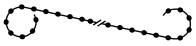


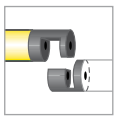
DD VALVE URETERAL STENT
made of polyurethane with hydrogel coating, with DD coupling, anti-reflux valve and green marker at the vesical end

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**

SUPERGLIDE DD

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



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**

Maximum diameter of guidewire for 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"**

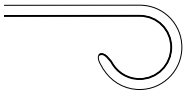
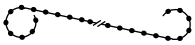
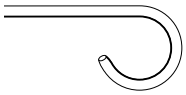
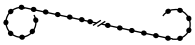
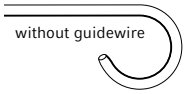
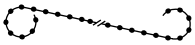
Set components:
- ureteral stent
- fixation clamp
- introducer made of polyurethane, yellow, approx. 45 cm long, with DD coupling
- flexible guidewire made of stainless steel with PTFE coating, with movable core, approx. 100 cm long in sets with cylindrical closed tip, approx. 150 cm long in sets with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

INTEGRAL 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**

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

SUPERGLIDE INTEGRAL

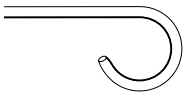
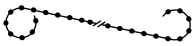
TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART 22 cm	24 cm	26 cm	28 cm	30 cm	ORDER SIZE (Ch.)	QTY
	For simultaneous applications							
cylindrical closed 		334246*	334250*	334247	334248	334249	4.8/6/7/8/9	5
	For coaxial applications							
central opening 		334742*	334743*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

INTEGRAL 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 PLUS

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

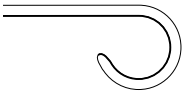
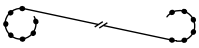
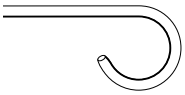
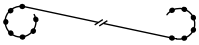
Set components:
- ureteral stent
- 2 fixation clamps
- introducer made of polyurethane, yellow, approx. 45 cm long
- flexible guidewire made of stainless steel with PTFE coating, with fixed core, flexible safety tip and rigid tip, approx. 100 cm long in sets with cylindrical closed tip, approx. 150 cm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

Maximum diameter of guidewire for Superglide integral 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"

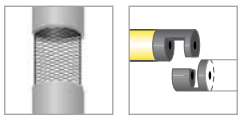
SUPERGLIDE DD TUMOUR

TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART 20 cm	22 cm	24 cm	26 cm	28 cm	ORDER SIZE (Ch.)	QTY
	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 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, with movable core, approx. 100 cm long in sets with cylindrical closed tip, approx. 150 cm long in sets with tip with central opening
- patient card
- documentation label
- sterile packaging



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

High resistance to collapse caused by compression thanks to reinforced straight part of the stent, using a 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*

7

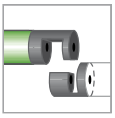
WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

7.2 URETERAL STENTS

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**

ANTIREFLUX DD VALVE

TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART 22 cm	24 cm	26 cm	28 cm	30 cm	ORDER SIZE (Ch.)	QTY
	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

DD

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

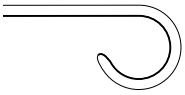
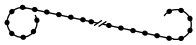
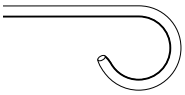
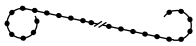
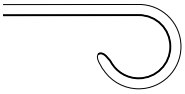
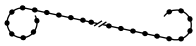
Set components:
- ureteral stent
- fixation clamp
- introducer made of polyurethane, green, approx. 45 cm long, with DD coupling (approx. 90 cm long in sets for ureterorenoscopes)
- flexible guidewire made of stainless steel with PTFE coating, with movable core, approx. 100 cm long in sets with cylindrical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

Maximum diameter of guidewire for 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

TIP CONFIGURATION	EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART 22 cm	24 cm	26 cm	28 cm	30 cm	ORDER SIZE (Ch.)	QTY
	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

INTEGRAL 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**

Maximum diameter of guidewire for integral 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, with fixed core, flexible safety tip and rigid tip, approx. 100 cm long in sets with cylindrical closed tip, approx. 150 cm long in sets with tip with central opening and for ureterorenoscopes
- patient card
- documentation label
- sterile packaging

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

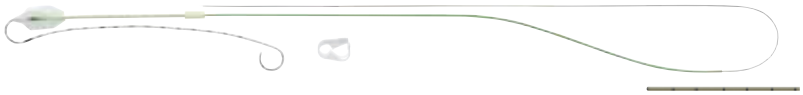
7.3 URETERAL STENTS FOR CHILDREN

DD VALVE URETERAL STENT
made of polyurethane, with DD coupling and antireflux valve 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**

ANTIREFLUX DD VALVE

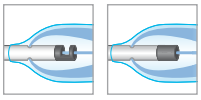


TIP AND EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART 10 cm	12 cm	15 cm	18 cm	20 cm	22 cm	ORDER SIZE (Ch.)	QTY
	For simultaneous applications							
cylindrical closed	335315	335309	335314	335310	335313	335312	4.8	2
	For coaxial applications							
central opening	–	335413	335414	335415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

Maximum diameter of guidewire for paediatric 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, with movable core, approx. 100 cm long in sets with cylindrical closed tip, 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 label
- sterile packaging



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**

** only in Ch. 4*

ANTIREFLUX VALVE

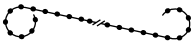
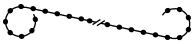
TIP AND EYE CONFIGURATION	REF. ACCORDING TO LENGTH OF STRAIGHT PART 10 cm	12 cm	15 cm	18 cm	20 cm	22 cm	ORDER SIZE (Ch.)	QTY
	For simultaneous applications							
cylindrical closed	335316*	335303	335304	335305	335306	335307	3/4	2
	For coaxial applications							
central opening	–	335403	335404	335405	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"	**0.018"**

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, with fixed core, flexible safety tip and rigid tip, approx. 100 cm long in sets with cylindrical closed tip, 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 label
- sterile packaging

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 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, with fixed core, flexible safety tip and rigid tip, approx. 100 cm long in sets with cylindrical closed tip, approx. 150 cm long in sets with tip with central opening
- patient card
- documentation label
- sterile packaging

INTEGRAL STENT
made of polyurethane

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

7

FOR CHILDREN ONLY THE BEST IS GOOD ENOUGH

Children are more delicate and react more sensitively than adults. With its 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 when subjected to the strains of a 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 highest possible wearing comfort. And, of course, they can be easily and safely inserted and placed.

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

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

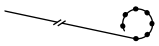
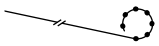
7.4 SPECIAL URETERAL STENTS

INTEGRAL 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:
- integral stent
- fixation clamp
- flexible guidewire made of stainless steel with PTFE coating, with fixed core, flexible safety tip and rigid tip, 150 cm long
- patient card
- documentation label
- 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	6

EACH SALES UNIT CONTAINS THREE STENTS WITH GREEN MARKER AT THE PROXIMAL END AND THREE STENTS WITHOUT MARKER. WHEN STENTS HAVE TO BE APPLIED TO BOTH SIDES, THE PHYSICIAN CAN PLACE ONE STENT WITH 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 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 STENT FOR OPEN SURGICAL TECHNIQUE
made of polyurethane

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

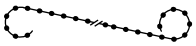
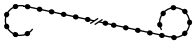
Set components:
- integral stent
- reinforced guidewire made of stainless steel with PTFE coating, 100 cm long
- patient card
- documentation label
- sterile packaging

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 334209 334210	24 cm 26 cm 28 cm	4.8/6/7 4.8/6/7/8/9 4.8/6/7/8/9	5

7.5 ECO URETERAL STENT SET

ECO

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

ECO URETERAL STENT SET
made of polyurethane

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

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

Maximum diameter of guidewire
for ECO integral 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 ORDERDING, 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 O.D.	PUNCTURE CANNULA LENGTH	GUIDEWIRE O.D.	CATHETER EXTENDER I.D.	QTY
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:
- 2-part puncture cannula with ultrasound marking at the tip
- uncoated guidewire in dispenser, with introducer, 800 mm long
- catheter extender, 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
- 3 peel labels for documentation
- sterile, single use
- **latex-free**

PUNCTURE SETS PCN 3-STEP

REF. 340013

ORDER SIZE	PUNCTURE CANNULA O.D.	PUNCTURE CANNULA LENGTH	GUIDEWIRE O.D.	DILATOR/SPLIT SHEATH LENGTH	DILATOR/SPLIT SHEATH DILATOR O.D.	QTY
Ch. 6	19.5 G / 0.95 mm	120 mm	0.028"	175 / 162.4 mm	Ch. 10	1
Ch. 8	17.5 G / 1.30 mm	200 mm	0.038"	175 / 160.1 mm	Ch. 12	
Ch. 10	17.5 G / 1.30 mm	200 mm	0.038"	175 / 157.8 mm	Ch. 14	

Set components:
- 2-part puncture cannula with ultrasound marking at the tip
- uncoated guidewire 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
- 3 peel labels for documentation
- sterile, single use
- **latex-free**

8.2 EXCHANGE SETS

SUPERGLIDE PCN EXCHANGE SETS

REF. 340014

ORDER SIZE	GUIDEWIRE O.D.	CATHETER EXTENDER I.D.	QTY
Ch. 6	0.028"	0.75 mm / 0.029"	1
Ch. 8	0.038"	1.00 mm / 0.039"	
Ch. 10	0.038"	1.00 mm / 0.039"	

Set components:
- PTFE-coated guidewire in dispenser, with introducer, 800 mm long
- catheter extender, 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
- 3 peel labels for documentation
- sterile, single use
- **latex-free**

REF.	DESCRIPTION	QTY
546476	**Adapter for urine collection bag**	10

The adapter (LL-funnel combination) is compatible with all commercially available urine collection bags.

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

8.3 MIPP-SET

For minimally invasive percutaneous interventions

- 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.

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

MIPP-SET	REF. 341200-000140			QTY 1
	SIZE O.D.	LENGTH	MAX. I.D.	MAX. O.D.
	Puncture cannula, 2-part			
	–	200 mm	0.038"	17.5 G
	Guidewire in dispenser, with introducer, stiffened, with J-curved tip			
	0.038"	1000 mm	–	–
	Superglide dilator, cm graduated, radiopaque, hydrogel coated over 30 cm			
	Ch./Fr. 9	540 mm	0.038"	–
	Dilator, cm graduated, with central opening for a **dilator** Ch./Fr. 9, radiopaque, hydrogel coated over 25 cm			
	Ch./Fr. 14	320 mm	–	–
	Renax tube, radiopaque, hydrogel coated over 50 mm			
	–	160 mm	Ch./Fr. 14	–
	Superglide nephrostomy balloon catheter made of silicone, with radiopaque tip with 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.*			

FOR MINIMALLY INVASIVE PERCUTANEOUS INTERVENTIONS

More and more, mininephroscopes are being used for diagnostics and therapy, e.g. to remove remaining stone fragments from the calyces.

The MIPP set from RÜSCH is perfectly suited to this patient-friendly trend. It comprises all the necessary instruments for minimally invasive percutaneous interventions – from the puncture cannula via the guidewire and dilators to the nephrostomy balloon catheter.

The hydrogel coating of the dilators, the renax tubes and the catheters further facilitate handling.

8.4 PUNCTURE CANNULAS

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 technique			
		17.5 G	0.038"	200 mm	2

PUNCTURE CANNULAS

Safe handling

- ultrasound marking at the tip
- 2-part or 3-part
- for 2-step or 3-step technique
- sterile, single use
- **latex-free**

8

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

8.5 ENDOGUIDE

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

ENDOGUIDE STIFF, PTFE

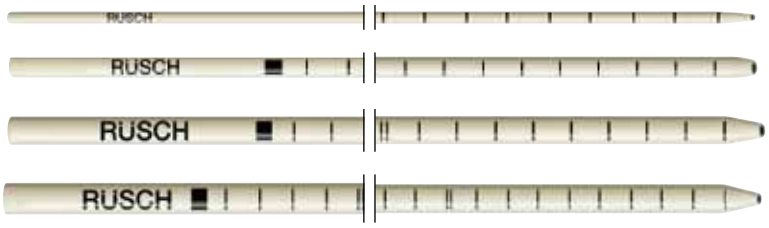
	REF.	LENGTH	O.D.	QTY
	ENDOGUIDE stiff, straight tip			
	680141-000028 680141-000035 680141-000038	800 mm	0.028" 0.035" 0.038"	5
	680143-000028 680143-000035 680143-000038	1000 mm	0.028" 0.035" 0.038"	5
	680145-000028 680145-000035 680145-000038	1200 mm	0.028" 0.035" 0.038"	5
	ENDOGUIDE stiff, curved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

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

8.6 DILATORS / RENAX TUBES / CATHETERS FOR PERCUTANEOUS NEPHROSTOMY

DILATOR SET FOR PCN

Polyurethane



REF.	ORDER SIZE	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

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**

8

FASCIAL DILATOR SET FOR PCN

Polyurethane

REF.	ORDER SIZE	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

FASCIAL DILATORS

made of polyurethane

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

** even sizes only*

RENAX TUBES

PVC

REF.	ORDER SIZE	LENGTH	QTY
Renax tubes			
341100	20-36*	160 mm	5

RENAX TUBES

made of PVC

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

** even sizes only*

SUPERGLIDE BALLOON CATHETERS FOR NEPHROSTOMY
made of silicone

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

SUPERGLIDE BALLOON CATHETERS

Silicone

REF.	ORDER SIZE	BALLOON	LENGTH	QTY
Superglide nephrostomy balloon catheter				
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	

8

BALLOON CATHETERS FOR NEPHROSTOMY
made of silicone with connector which can be or cannot be deconnected

- tip with central opening
- drainage opening in front of and behind the balloon
- valve for Luer and Luer-lock syringe tips
- transparent
- cm graduated
- radiopaque
- Ref. 340502: exchange catheter for Ref. 340500
- 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 deconnected**			
	Ch. 12-14 Ch. 16-24	3 ml 5 ml	450 mm	5

RENAL FISTULA CATHETER
made of silicone

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

RENAL FISTULA CATHETER

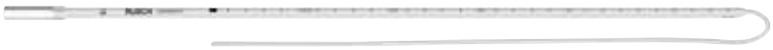
Silicone

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

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

CATHETER WITH URETER STENT

Silicone



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

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
- cm graduated
- radiopaque
- sterile, single use
- **latex-free**

BALLOON CATHETER WITH URETER STENT

Silicone

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

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
- cm graduated
- radiopaque tip
- sterile, single use
- **latex-free**

CATHETER WITH DECONNECTABLE FUNNEL

Polyurethane

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

CATHETER WITH DECONNECTABLE FUNNEL
made of polyurethane

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

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

NEPHROSTOMY CATHETER
made of soft rubber

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

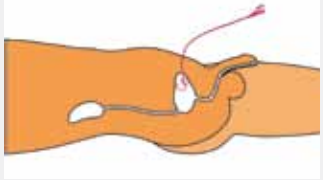
NEPHROSTOMY CATHETER

Soft rubber

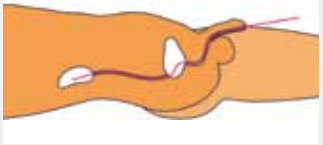
	REF.	ORDER SIZE	LENGTH	I.D. STENT	EYES	QTY
	404300*	Ch. 6 Ch. 8 Ch. 10 Ch. 12 Ch. 14 Ch. 16 Ch. 18 Ch. 20 Ch. 22 Ch. 24 Ch. 26	400 mm	0.9 mm / 0.035" 1.4 mm / 0.055" 1.8 mm / 0.047" 2.0 mm / 0.078" 2.2 mm / 0.086" 2.6 mm / 0.102" 2.8 mm / 0.110" 3.2 mm / 0.125" 3.4 mm / 0.133" 4.0 mm / 0.157" 4.6 mm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

INSERTION – SAFE, COMFORTABLE, ECONOMIC

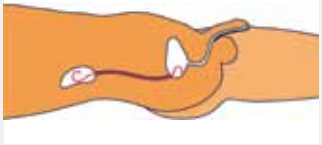
Suprapubic drainage



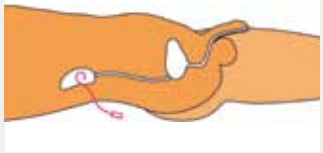
Ureteral catheter



Ureteral stent



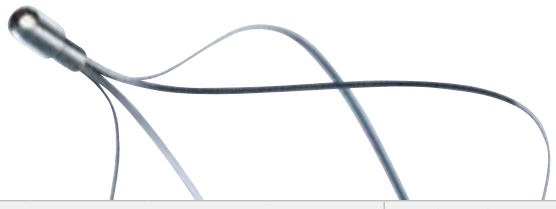
Nephrostomy



9 STONE EXTRACTORS

9.1 FLAT WIRE BASKETS

RÜSCH-STONEX®
4F

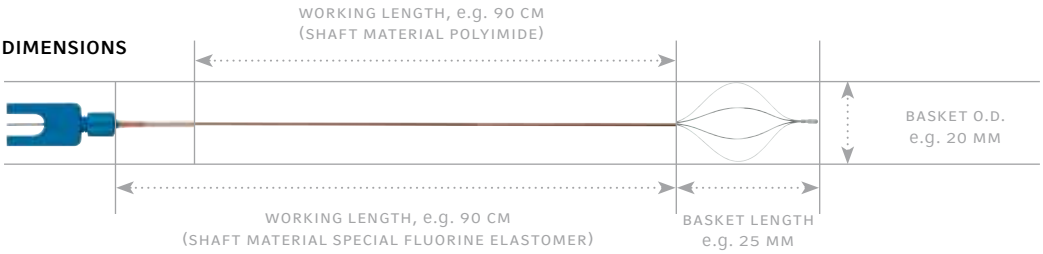


	REF. (QTY 1)					REF. (QTY 5)	
	for tip	ORDER SIZE Ø	WORKING LENGTH	BASKET O.D.	BASKET LENGTH	SPARE SHAFT	ORDER SIZE
RÜSCH-STONEX® 4F with 4 flat wires, **cylindrical**							
	342700	Ch. 2.5	90 cm	15 mm	20 mm	343030	Ch. 2.5
	342900	Ch. 2.5	115 cm	15 mm	20 mm		
	342700	Ch. 3	90 cm	20 mm	25 mm	343030	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, **filiform**							
	342800	Ch. 4	90 cm	20 mm	25 mm	341730	Ch. 4

RÜSCH-STONEX FLAT WIRE BASKETS
with symmetrical external form, for precise manipulation of the stone even under the most difficult conditions.

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

DIMENSIONS



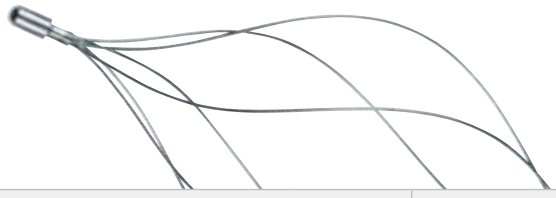
WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

9.2 ROUND WIRE BASKETS

RÜSCH-STONEX ROUND WIRE BASKETS
offer a wide selection of variants – suitable for every size and shape of stone.

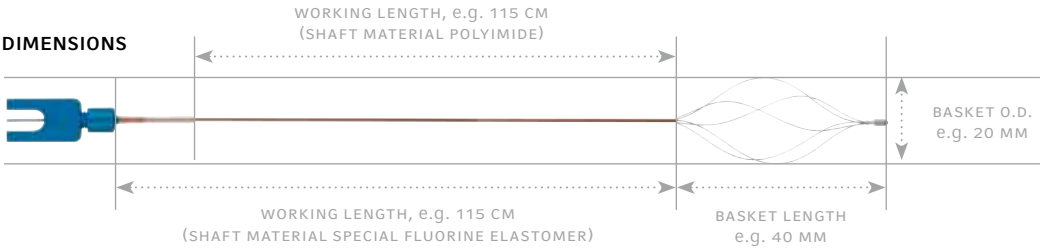
- atraumatic tips
- form-stable round wire basket made from stainless steel
- single-handed handgrip
- clip-on retainer
- shaft with cm-graduations
- radiopaque
- packed in blister
- shaft material: polyimide or special fluorine elastomer
- shaft: use once
- sterile
- **latex-free**

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, **cylindrical**							
	341450 341400 341500 341450 341400 341500 341500	Ch. 2.5 Ch. 2.5 Ch. 3 Ch. 3 Ch. 3 Ch. 4 Ch. 5	90 cm 115 cm 65 cm 90 cm 115 cm 65 cm 65 cm	12 mm 12 mm 20 mm 20 mm 20 mm 20 mm 20 mm	20 mm 20 mm 40 mm 40 mm 40 mm 40 mm 40 mm	343030 341700 341730 341760 341700 341700	Ch. 2.5 Ch. 3 Ch. 3 Ch. 3 Ch. 4 Ch. 5
RÜSCH-STONEX® 4R with 4 round wires, **filiform**							
	341600	Ch. 4 Ch. 5	65 cm	20 mm	40 mm	341700	Ch. 4 Ch. 5
RÜSCH-STONEX® 5R with 5 round wires, **cylindrical**							
	341401 341501 341501	Ch. 3 Ch. 4 Ch. 5	115 cm 65 cm 65 cm	20 mm	40 mm	341760 341700 341700	Ch. 3 Ch. 4 Ch. 5
RÜSCH-STONEX® 5R with 5 round wires, **filiform**							
	341601	Ch. 4 Ch. 5	65 cm	20 mm	40 mm	341700	Ch. 4 Ch. 5
RÜSCH-STONEX® 6R with 6 round wires, **cylindrical**							
	341402 341502 341502	Ch. 3 Ch. 4 Ch. 5	115 cm 65 cm 65 cm	20 mm	40 mm	341760 341700 341700	Ch. 3 Ch. 4 Ch. 5
RÜSCH-STONEX® 6R with 6 round wires, **filiform**							
	341602	Ch. 4 Ch. 5	65 cm	20 mm	40 mm	341700	Ch. 4 Ch. 5

DIMENSIONS



10 MEASURING CATHETERS FOR URODYNAMICS

10.1 CATHETERS FOR CYSTOMETROGRAPHY / COMBINED URETHROCYSTOMETROGRAPHY

ZYS 200 / 210

Polyurethane

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

F = filling lumen eye
M = measuring eye

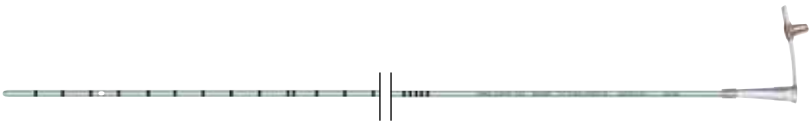
** blue = filling channel (F), red = measuring channel (M)*

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 colour coding of the 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**

MEASURING CATHETER

PVC



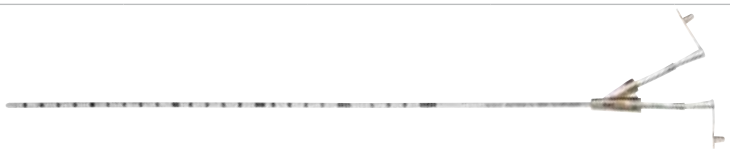
	REF.	ORDER SIZE	LENGTH	EYES	QTY
cylindrical	395766	Ch. 8	39 cm	2	10

MEASURING CATHETER
made of PVC, single lumen, to measure the urethral profile pressure

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

MEASURING CATHETER

PVC



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

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

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

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

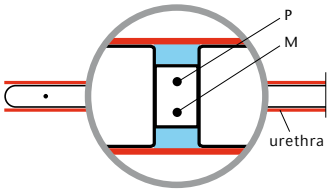
MEASURING CATHETER
made of polyurethane, for combined urethrocystometry, three-way

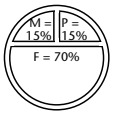
- measurement of intravesical pressure and urethra profile pressure is carried out with the same catheter via separate channels
- respective lumen is closed off between the perfusion / measuring eye and the tip
- flow rate of filling channel: up to 100 ml/min. A maximum value of 9 ml/min. has been determined for the perfusion and measuring channel (related to the 9 Ch. catheter)
- correct connection to the measuring instrument is ensured by colour coding of the attachments*
- Perfusion and measuring eye are situated in a cavity at the connection piece 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**

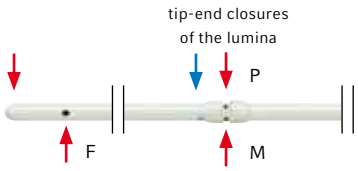
ZYS 302 / 312

Polyurethane

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







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

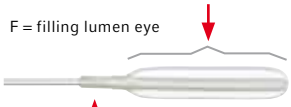
** blue = filling channel (F), red = measuring channel (M), yellow = perfusion channel (P)*

10

WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

10.2 RECTAL BALLOON CATHETERS

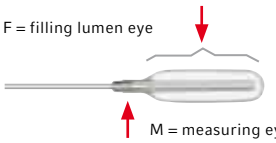
ZYS 502
PVC

	REF.	SIZE	LENGTH	QTY
F = filling lumen eye  M = measuring eye	**central opening**			
	395753-182702	Ch. 18	27 cm	5

RECTAL BALLOON CATHETER
made of PVC, double lumen

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

ZYS 520
PVC

	REF.	SIZE	LENGTH	QTY
F = filling lumen eye  M = measuring eye	**central opening**			
	395753-101020	Ch. 10	100 cm	5

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

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

RECTAL BALLOON CATHETER
PVC / Latex

	REF.	ORDER SIZE	LENGTH	EYES	QTY
	central opening				
	395763*	Ch. 14	42 cm	1	10

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

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

11 SPECIAL PRODUCTS

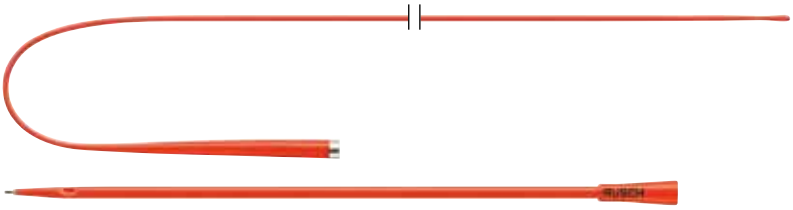
11.1 BOUGIES

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**

DÉLÉFOSSE CATHETER SET
PVC



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

FILIFORM BOUGIE
made of PVC, red

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

FILIFORM BOUGIE
PVC

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

BOUGIE

PVC

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

BOUGIE
made of PVC, red

- olive tip
- **latex-free**

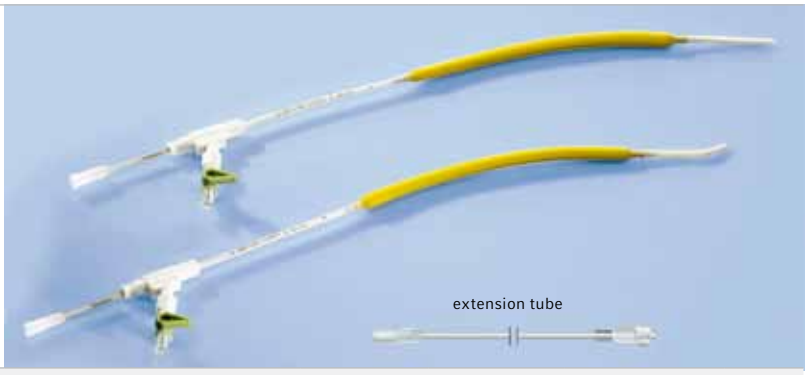
WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

11.2 HYDRAULIC URETHRAL DILATORS

HYDRAULIC URETHRAL DILATOR SET
for the treatment of urethral strictures and for the postoperative dilation of the urethra after 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
- steril, 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

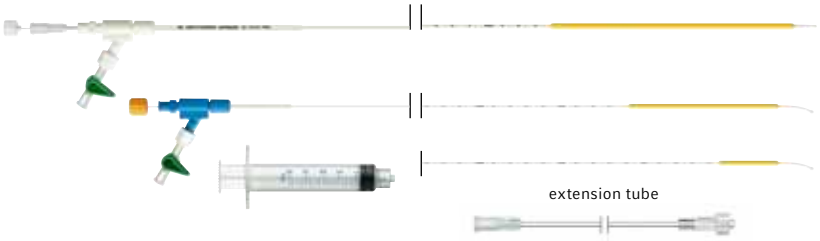
Maximum diameter of guidewire for coaxial urethral dilators

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



TIP CONFIGURATION	REF.	MATERIAL	ORDER SIZE	LENGTH	BALLOON	QTY
conical with central opening	342002*	**DOUBLE-LUMEN** Hydraulic ureter dilator set, for coaxial application, hollow inner stylet and two-way stopcock with Luer-lock adapter, enclosed extension tube made of PVC, transparent, 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 dilators

REF. 342002	
0.035"	0.89 mm

HYDRAULIC URETER DILATORS

Gentle balloon dilation of the ureter

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

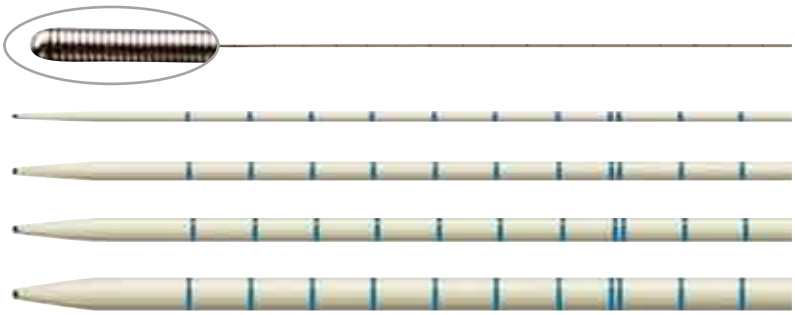
WHEN ORDERDING, PLEASE ALWAYS INDICATE REF. AND ORDER SIZE

11.4 MECHANICAL URETER DILATORS

MECHANICAL URETER DILATORS
for ureteral dilation step by step

- dilators made of polyurethane
- extremely radiopaque
- cm graduations
- 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			1
		Dilators polyurethane Guidewire stainless steel	Ch. 6/8-14/16 Ø 0.037" (0.95 mm)	approx. 60 cm approx. 150 cm	
conical with central opening	341001	**Ureter dilator, individually packaged**			5
		polyurethane	Ch. 6/8-14/16	approx. 60 cm	
flexible tip	341002	**Guidewire, individually packaged** straight flexible safety tip, cm graduations up to 50 cm			2
		stainless steel	Ø 0.037" (0.95 mm)	approx. 150 cm	

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

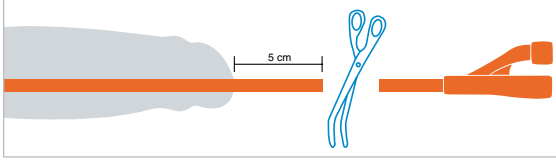
by Dr. Stephan Roth and Prof. L. Hertle, Department of Urology, University of Münster/Germany.

DEFLATING BY USING TORSION

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

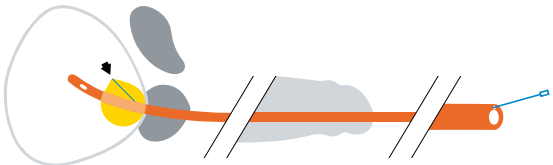
SHORTENING THE DEFECTIVE LENGTH

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



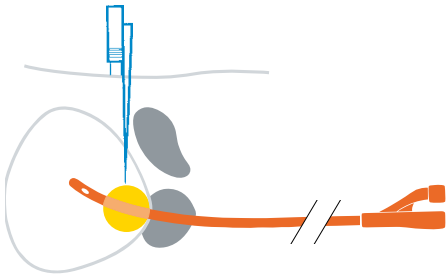
TRANSLUMINAL PROBING AND PERFORATION

Technique: Probe 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).



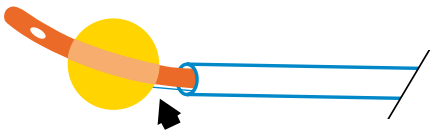
PERCUTANEOUS PUNCTURE

Technique: This can be done both under radiological (cystogram) or ultrasound control. During the puncture, secure the balloon to the bladder neck by slightly pulling at 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 pass over the cut end of the catheter up to the balloon.
Then insert a probe between the shaft and the catheter using the technique described by O´Flynn. Catheter pushers or guide wires of ureteral catheters may be used as probes (caution: examine the balloon afterwards to ensure complete removal).

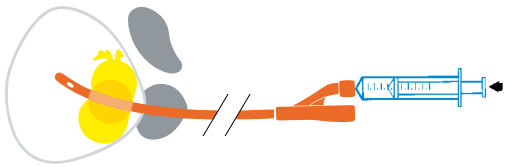


TRANSRECTAL OR TRANSVAGINAL PUNCTURE

Technique: Use a flexible biopsy needle to puncture the balloon, which is fixed to the bladder neck by pulling the catheter end slightly (caution: examine the balloon afterwards to ensure complete removal).

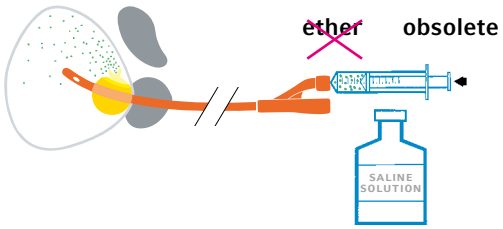
RUPTURE BY OVERDISTENSION

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 2-5ml ether. This is associated with the risk of bladder rupture, particularly in children. Thus the use of ether should be regarded as obsolete.

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