



Urology



How to choose a right catheter? Here is a quick guide to different types of urological drainage catheters, Uroguard always provide a wide range with perfect catheters for every application, whether for standard use or special use, for short or long-term use.

Materials:

Each have pros and cons and it is very important to choose the right material for each application. Today latex and silicone are the most commonly used materials for indwelling catheters, and PVC are the most commonly used material for intermittent catheters.

	Advantages	Disadvantages
Latex	Soft and flexible material; Provides good comfort; Smooth surface inside and outside; Cost-effective and economic choice; For short term use less than 7 days;	Not suitable for patients with latex allergy or sensitivity
Silicone	Excellent biocompatibility, non-allergenic; Ideal for long term use up to 30 days; Larger inner lumen than latex; Cause less irritation than latex; Safe and easy to insert due to stiffness; Clear for viewing urine output;	Can be perceived as too stiff; Risk to develop collar when deflated; The cost is higher than latex;
PVC	Firm while also flexible; Clear for viewing urine output; Efficient drainage; Safe and easy to insert; Adapts to anatomical situation;	Commonly apply for the intermittent urinary drainage; The stiffness might damage the tissue;
DEHP Free	DEHP, also known as dioctyl phthalate or DOP, has been the most commonly used phthalate plasticizer in the medical device industry. We provide DEHP Free solution for all catheter material for better safety to patients.	The cost is higher than the materials with DEHP;

Coatings:

There are different types of coating on the catheter material for different medical purposes. Some are for better comfort to patients, and some are for protecting patients from latex allergy.

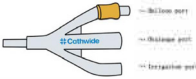
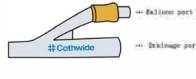
Silicone coating	All Uroguard latex catheters are coated with a thin layer of silicone, to protect the patient's tissue against latex.
Hydrophilic Coating	All Uroguard latex foley catheter, 100% silicone foley catheter and PVC catheter are available with hydrophilic coating. It provides excellent biocompatibility and has low friction which provides better comfort to patients. It is especially beneficial for self-catheterization.

Tips:

There are different tips available to suit with different application. Tip selection is guided by the indication for insertion and anatomical factors. The most commonly used tip for routine catheterization is the straight tip which is round with two drainage eyes. The second commonly used tip is Tiemann which is curved for ease insertion of male urethra.

Cylindrical		This is the standard form of catheter tip, and it is applicable for most of situation.
Tiemann		The tip is curved which is especially useful for males with enlarged prostates and urethral strictures, and that's why the majority of Tiemann tip catheter users are male patients.
Couvelaire		The Couvelaire straight open concave tip with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation.
Dufour		The Dufour open tip is slightly curved with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation.

Channels:

3 Way	2 Way	1 Way
		

Sizes:

Catheter size is measured by the external diameter and expressed in French gauge (Fg or Fr; 1 Fr = 1/3 mm). The correct size is determined by patient characteristics, type of fluid drained and indication for insertion.

Size	Patient group	The commonly used size	To be used for
Fr6 - Fr10	Children	Fr10	Normally liquid urine
Fr12 - Fr14	Adult female	Fr12	Normally liquid urine
Fr14 - Fr18	Adult male	Fr14	Cloudy urine, blood in the urine without clots
Fr18 or above	Adult male/female	Fr18	Blood clots

Color 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
										

100% Silicone Foley Catheter



Retention balloon

Easy removal even after 30 days of use

Plastic valve

Reliable quality ensures safety of inflation and deflation of balloon

Outlet connector

Provides a secure connection to a catheter valve or drainage bag



Smooth closed tip

Allows for easy insertion and maximizes the patient comfort

Large eyes

Allows for quick drainage and reduces risk of blockage

Radiopaque

Allows for monitoring position of catheter under X-ray

Pediatric size

The size Fr6-Fr10 have an insertion guidewire that provides stabilization during catheterization



100%
silicone

Max **30** days
duration

Large
inner lumen

Code	Size	Balloon(cc)	Color Code	Length(mm)
Pediatric catheters – 2 way, with stylet				
11120635	6 Ch/Fr	3-5	Light red	270
11120835	8 Ch/Fr	3-5	Black	270
11121035	10 Ch/Fr	3-5	Grey	270
Male catheters – 2 way				
11121210	12 Ch/Fr	10	White	400
11121410	14 Ch/Fr	10	Green	400
11121610	16 Ch/Fr	10	Orange	400
11121630	16 Ch/Fr	30	Orange	400
11121810	18 Ch/Fr	10	Red	400
11121830	18 Ch/Fr	30	Red	400
11122010	20 Ch/Fr	10	Yellow	400
11122030	20 Ch/Fr	30	Yellow	400
11122210	22 Ch/Fr	10	Violet	400
11122230	22 Ch/Fr	30	Violet	400
11122410	24 Ch/Fr	10	Blue	400
11122430	24 Ch/Fr	30	Blue	400
11122610	26 Ch/Fr	10	Pink	400
11122630	26 Ch/Fr	30	Pink	400
Male catheters – 3 way				
11131630	16 Ch/Fr	30	Orange	400
11131830	18 Ch/Fr	30	Red	400
11132030	20 Ch/Fr	30	Yellow	400
11132230	22 Ch/Fr	30	Violet	400
11132430	24 Ch/Fr	30	Blue	400
11132630	26 Ch/Fr	30	Pink	400
Female catheters – 2 way				
11141210	12 Ch/Fr	10	White	260
11141410	14 Ch/Fr	10	Green	260
11141610	16 Ch/Fr	10	Orange	260
11141830	18 Ch/Fr	30	Red	260
11142030	20 Ch/Fr	30	Yellow	260
11142230	22 Ch/Fr	30	Violet	260

Latex Foley Catheter



Retention balloon

Easy removal even after 7 days of use



Smooth closed tip

Allows for easy insertion and maximizes the patient comfort

Large eyes

Allows for quick drainage and reduces risk of blockage

Silicone coating

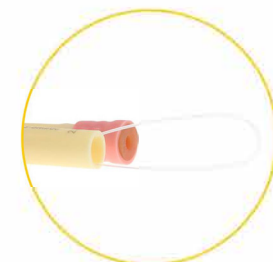
Provides good biocompatibility

Inflation valve

Available with plastic valve and rubber valve

Outlet connector

Provides a secure connection to a catheter valve or drainage bag



Pediatric size

The size Fr6-Fr10 have an insertion guidewire that provides stabilization during catheterization



**Silicone
Coated**

**Excellent
flexibility**

**Max 7 days
duration**

Code Plastic valve	Code Rubber valve	Size	Balloon(cc)	Color Code	Length(mm)
Pediatric catheters – 2 way, with stylet					
11220635	11320635	6 Ch/Fr	3-5	Light red	270
11220835	11320835	8 Ch/Fr	3-5	Black	270
11221035	11321035	10 Ch/Fr	3-5	Grey	270
Male catheters – 2 way					
11221210	11321210	12 Ch/Fr	10	White	400
11221415	11321415	14 Ch/Fr	10	Green	400
11221610	11321610	16 Ch/Fr	10	Orange	400
11221630	11321630	16 Ch/Fr	30	Orange	400
11221810	11321810	18 Ch/Fr	10	Red	400
11221830	11321830	18 Ch/Fr	30	Red	400
11222010	11322010	20 Ch/Fr	10	Yellow	400
11222030	11322030	20 Ch/Fr	30	Yellow	400
11222210	11322210	22 Ch/Fr	10	Violet	400
11222230	11322230	22 Ch/Fr	30	Violet	400
11222410	11322410	24 Ch/Fr	10	Blue	400
11222430	11322430	24 Ch/Fr	30	Blue	400
11222610	11322610	26 Ch/Fr	10	Pink	400
11222630	11322630	26 Ch/Fr	30	Pink	400
Male catheters – 3 way					
11231630	11331630	16 Ch/Fr	30	Orange	400
11231830	11331830	18 Ch/Fr	30	Red	400
11232030	11332030	20 Ch/Fr	30	Yellow	400
11232230	11332230	22 Ch/Fr	30	Violet	400
11232430	11332430	24 Ch/Fr	30	Blue	400
11232630	11332630	26 Ch/Fr	30	Pink	400
Female catheters – 2 way					
11241210	11341210	12 Ch/Fr	10	White	260
11241410	11341410	14 Ch/Fr	10	Green	260
11241610	11341610	16 Ch/Fr	10	Orange	260
11241830	11341830	18 Ch/Fr	30	Red	260
11242030	11342030	20 Ch/Fr	30	Yellow	260
11242230	11342230	22 Ch/Fr	30	Violet	260

Foley Catheters, Tiemann Tip

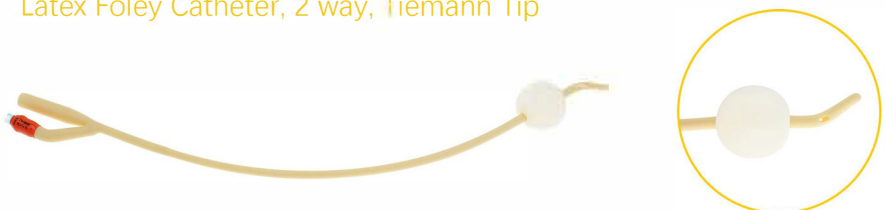
Tiemann tip catheter is designed with a curved, angled tip that makes it easier to pass through the prostate in patients who have an enlarged prostate or urethral stricture. Most patients who use Tiemann tip catheters are males. Uroguard offers silicone and latex material for different choices.

100% Silicone Foley Catheter, 2 way, Tiemann Tip



Code	Size	Balloon(cc)	Color Code	Length(mm)
11151230	12 Ch/Fr	30	White	400
11151430	14 Ch/Fr	30	Green	400
11151630	16 Ch/Fr	30	Orange	400
11151830	18 Ch/Fr	30	Red	400
11152030	20 Ch/Fr	30	Yellow	400
11152230	22 Ch/Fr	30	Violet	400

Latex Foley Catheter, 2 way, Tiemann Tip



Code	Size	Balloon(cc)	Color Code	Length(mm)
11251230	12 Ch/Fr	30	White	400
11251430	14 Ch/Fr	30	Green	400
11251630	16 Ch/Fr	30	Orange	400
11251830	18 Ch/Fr	30	Red	400
11252030	20 Ch/Fr	30	Yellow	400
11252230	22 Ch/Fr	30	Violet	400

Foley Catheters, Dufour Tip

It is commonly used for post-TURP hemostasis. The Dufour open tip is slightly curved with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation.

100% Silicone Foley Catheter, 3 way, Dufour Tip



Code	Size	Balloon(cc)	Color Code	Length(mm)
11161650	16 Ch/Fr	50	Orange	430
11161850	18 Ch/Fr	50	Red	430
11162050	20 Ch/Fr	50	Yellow	430
11162250	22 Ch/Fr	50	Violet	430

Latex Foley Catheter, 3 way, Dufour Tip



Code	Size	Balloon(cc)	Color Code	Length(mm)
11261660	16 Ch/Fr	60	Orange	430
11261860	18 Ch/Fr	60	Red	430
11262060	20 Ch/Fr	60	Yellow	430

Foley catheters, Couvelaire Tip

The Couvelaire tip is straight with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation. The additional strength of the catheter wall assures users that any blockage can be cleared by irrigation, and will not collapse under aspiration.

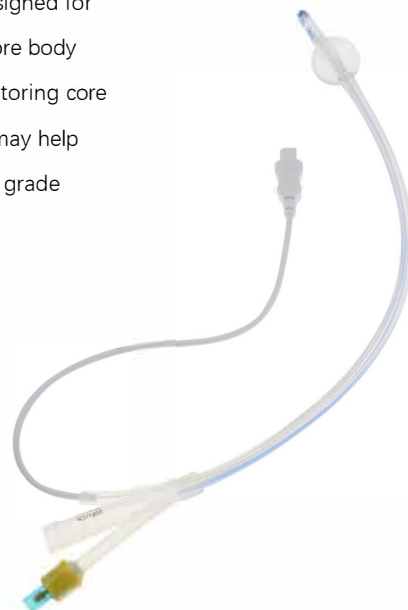
Latex Foley Catheter, 3 way, Couvelaire Tip



Code	Size	Balloon(cc)	Color Code	Length(mm)
11271660	16 Ch/Fr	60	Orange	420
11271860	18 Ch/Fr	60	Red	420
11272060	20 Ch/Fr	60	Yellow	420

100% Silicone Foley Catheter With Temperature Sensor

The Uroguard 100% Silicone Foley catheter with temperature sensor incorporates a temperature probe and is designed for urinary drainage and simultaneous monitoring of core body temperature before, during and after surgery. Monitoring core body temperature accurately through the bladder may help prevent hypothermia. It is made from 100% medical grade silicone, and it is fully compatible with most patient monitors.



Code	Size	Balloon(cc)	Color Code	Length(mm)
Pediatric catheters –2way, with stylet				
11180835	8 Ch/Fr	3-5	Black	270
11181035	10 Ch/Fr	3-5	Grey	270
Male catheters – 2 way				
11181210	12 Ch/Fr	10	White	400
11181410	14 Ch/Fr	10	Green	400
11181610	16 Ch/Fr	10	Orange	400
11181830	18 Ch/Fr	30	Red	400
11182030	20 Ch/Fr	30	Yellow	400
11182230	22 Ch/Fr	30	Violet	400
11182430	24 Ch/Fr	30	Blue	400

PVC Nelaton Catheter

Key Features:

- Made of medical grade PVC
- Smooth tip for easy insertion and comfort
- 2 lateral eyes allow for maximum flow
- Funnel end for ease of handling
- Color coded for size identification
- Suitable for male or female catheterization

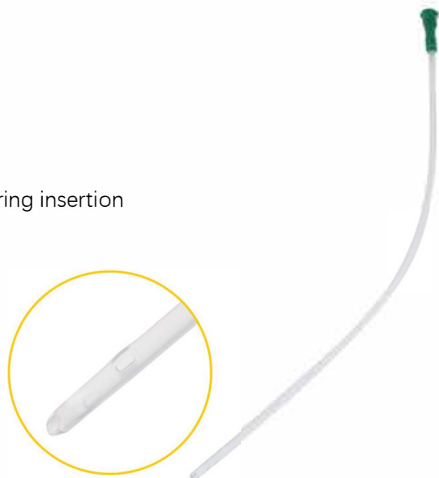


Code	Length	Size	Color Code
Male catheters			
11410601	400mm	6 Ch/Fr	Light green
11410801	400mm	8 Ch/Fr	Blue
11411001	400mm	10 Ch/Fr	Black
11411201	400mm	12 Ch/Fr	White
11411401	400mm	14 Ch/Fr	Green
11411601	400mm	16 Ch/Fr	Orange
11411801	400mm	18 Ch/Fr	Red
11412001	400mm	20 Ch/Fr	Yellow
11412201	400mm	22 Ch/Fr	Violet
11412401	400mm	24 Ch/Fr	Dark blue
Female catheters			
11410602	200mm	6 Ch/Fr	Light green
11410802	200mm	8 Ch/Fr	Blue
11411002	200mm	10 Ch/Fr	Black
11411202	200mm	12 Ch/Fr	White
11411402	200mm	14 Ch/Fr	Green
11411602	200mm	16 Ch/Fr	Orange
11411802	200mm	18 Ch/Fr	Red
11412002	200mm	20 Ch/Fr	Yellow
11412202	200mm	22 Ch/Fr	Violet
11412402	200mm	24 Ch/Fr	Dark blue

PVC Nelaton Catheter, Polished Eyelets

Key Features:

- Made of medical grade PVC
- Smooth tip for easy insertion and comfort
- The smooth, polished eyelets reduce trauma during insertion
- Funnel end for ease of handling
- Color coded for size identification
- Suitable for male or female catheterization

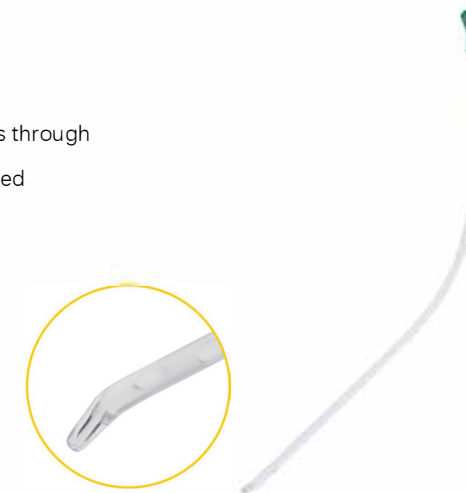


Code	Length	Size	Color Code
Male catheters			
11420601	400mm	6 Ch/Fr	Light green
11420801	400mm	8 Ch/Fr	Blue
11421001	400mm	10 Ch/Fr	Black
11421201	400mm	12 Ch/Fr	White
11421401	400mm	14 Ch/Fr	Green
11421601	400mm	16 Ch/Fr	Orange
11421801	400mm	18 Ch/Fr	Red
11422001	400mm	20 Ch/Fr	Yellow
11422201	400mm	22 Ch/Fr	Violet
11422401	400mm	24 Ch/Fr	Dark blue
Female catheters			
11420602	200mm	6 Ch/Fr	Light green
11420802	200mm	8 Ch/Fr	Blue
11421002	200mm	10 Ch/Fr	Black
11421202	200mm	12 Ch/Fr	White
11421402	200mm	14 Ch/Fr	Green
11421602	200mm	16 Ch/Fr	Orange
11421802	200mm	18 Ch/Fr	Red
11422002	200mm	20 Ch/Fr	Yellow
11422202	200mm	22 Ch/Fr	Violet
11422402	200mm	24 Ch/Fr	Dark blue

PVC Nelaton Catheter, Tiemann Tip

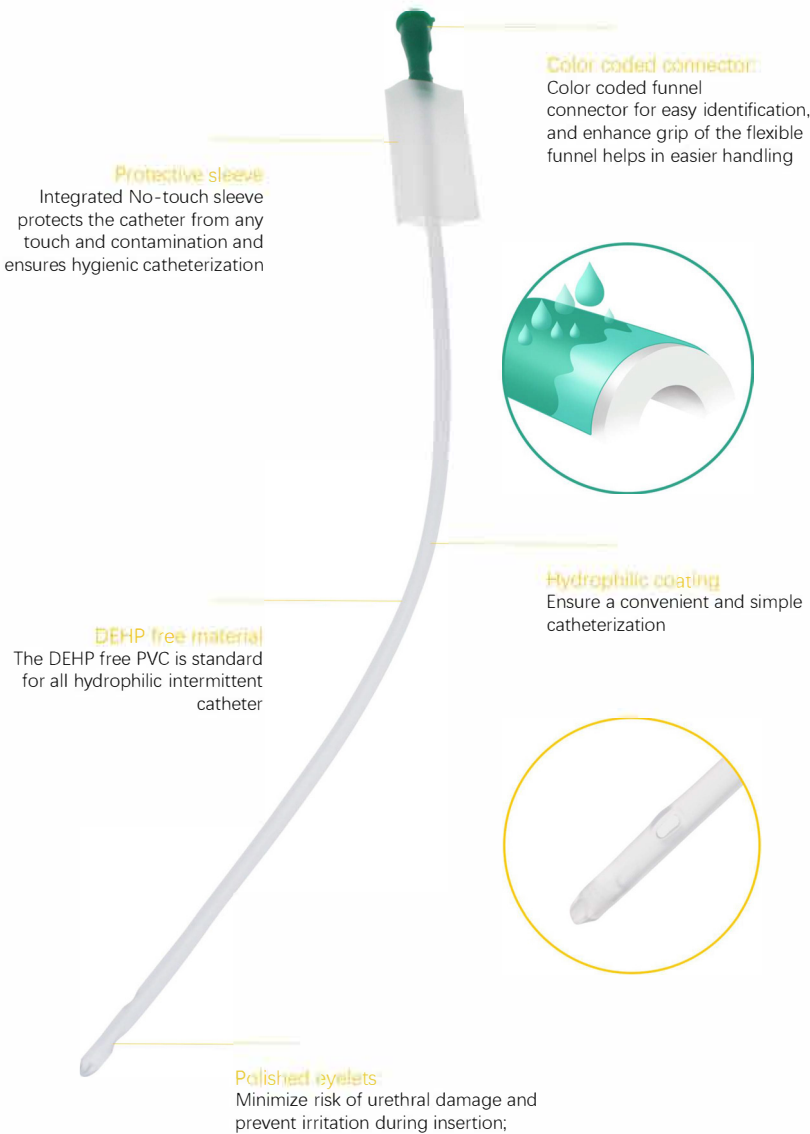
Key Features:

- Made of medical grade PVC
- Curved Tiemann tip makes it easier to pass through the prostate in patients who have an enlarged prostate or urethral stricture
- Mostly used by male patients
- Smooth tip for easy insertion and comfort
- 2 lateral eyes allow for maximum flow
- Funnel end for ease of handling
- Color coded for size identification



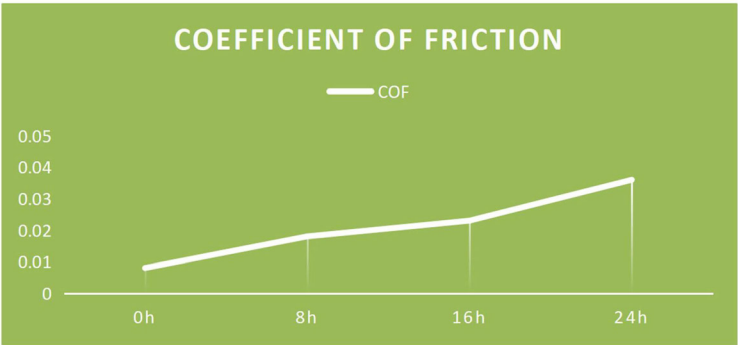
Code	Size	Length(mm)	Color Code
11430601	6 Ch/Fr	400	Light green
11430801	8 Ch/Fr	400	Blue
11431001	10 Ch/Fr	400	Black
11431201	12 Ch/Fr	400	White
11431401	14 Ch/Fr	400	Green
11431601	16 Ch/Fr	400	Orange
11431801	18 Ch/Fr	400	Red
11432001	20 Ch/Fr	400	Yellow

PVC Nelaton Catheter, Hydrophilic Coating



Key Features:

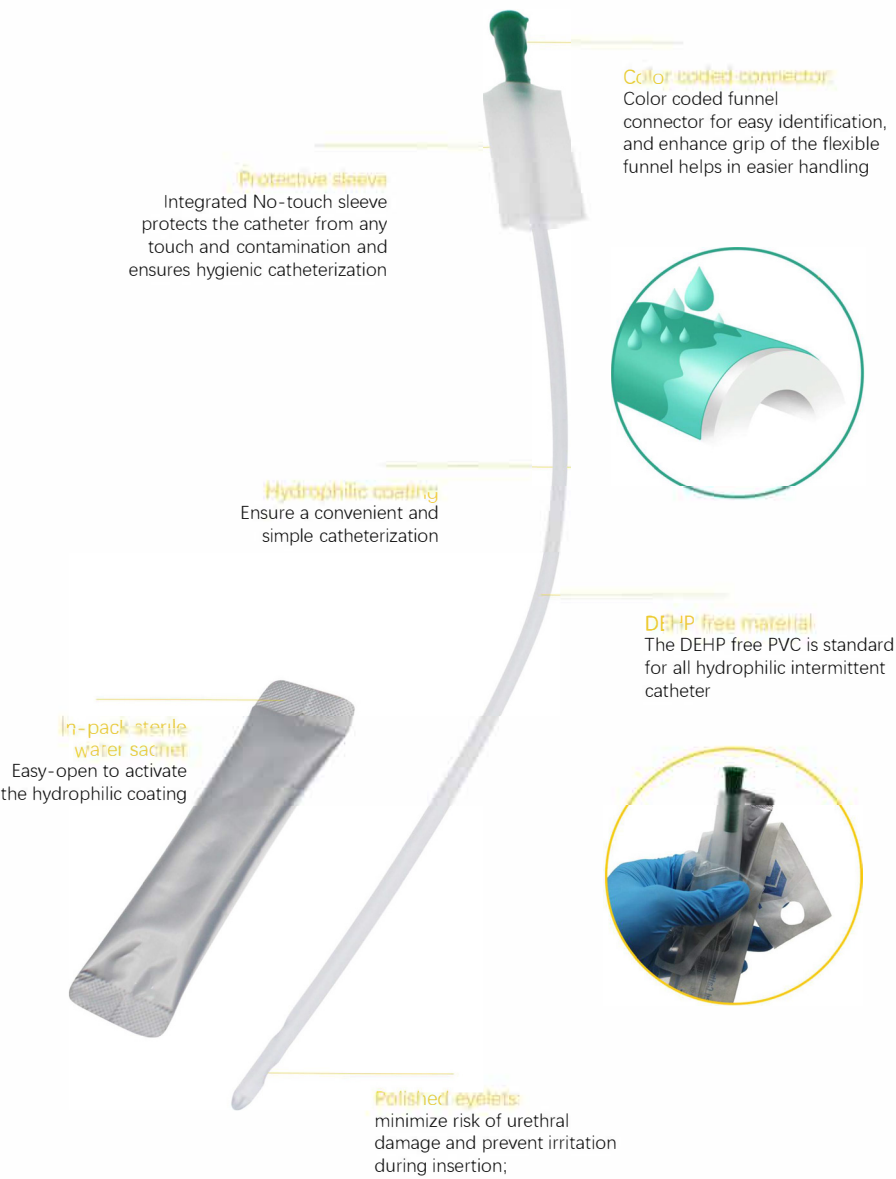
- Excellent Lubricity**
Less hurt to mucous membrane and improving safety; Provide smooth insertion and removal for obtaining a more comfortable catheterization experience.
- Stable Lubricity**
The hydrophilic coating could keep stable lubricity more than 24 hours, and bring comfortable experience to patients.



- DEHP Free medical grade PVC**
The DEHP Free material guarantees maximum safety; Firmness and durability;
- Polished eyelets**
Ensuring a smooth catheter surface which minimizes friction and the risk of urethral damage;

Code	Length	Size	Color Code
Male catheters			
11440601	400mm	6 Ch/Fr	Light green
11440801	400mm	8 Ch/Fr	Blue
11441001	400mm	10 Ch/Fr	Black
11441201	400mm	12 Ch/Fr	White
11441401	400mm	14 Ch/Fr	Green
11441601	400mm	16 Ch/Fr	Orange
11441801	400mm	18 Ch/Fr	Red
Female catheters			
11440602	200mm	6 Ch/Fr	Light green
11440802	200mm	8 Ch/Fr	Blue
11441002	200mm	10 Ch/Fr	Black
11441202	200mm	12 Ch/Fr	White
11441402	200mm	14 Ch/Fr	Green
11441602	200mm	16 Ch/Fr	Orange
11441802	200mm	18 Ch/Fr	Red

PVC Nelaton Catheter, Hydrophilic Coating



Key Features:

Excellent Lubricity

Less hurt to mucous membrane and improving safety;
Provide smooth insertion and removal for obtaining a more comfortable catheterization experience.

Water Sachet

Come with sterile water sachet to provide manual activation of hydrophilic coating;
Simply press the water sachet to release the water before insertion;
Easy to open for patients;
Ready to use;

DEHP Free medical grade PVC

The DEHP Free material guarantees maximum safety;
Firmness and durability;

Polished eyelets

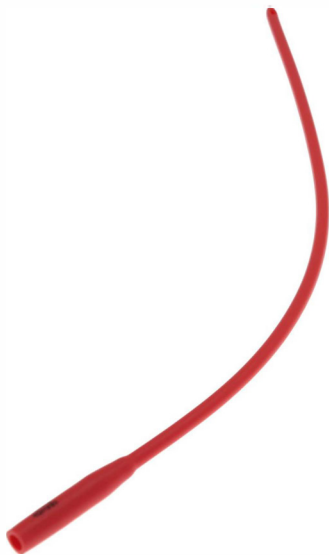
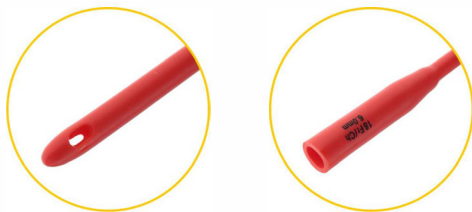
Ensuring a smooth catheter surface which minimizes friction and the risk of urethral damage;

Code	Length	Size	Color Code
Male catheters			
11450601	400mm	6 Ch/Fr	Light green
11450801	400mm	8 Ch/Fr	Blue
11451001	400mm	10 Ch/Fr	Black
11451201	400mm	12 Ch/Fr	White
11451401	400mm	14 Ch/Fr	Green
11451601	400mm	16 Ch/Fr	Orange
11451801	400mm	18 Ch/Fr	Red
Female catheters			
11450602	200mm	6 Ch/Fr	Light green
11450802	200mm	8 Ch/Fr	Blue
11451002	200mm	10 Ch/Fr	Black
11451202	200mm	12 Ch/Fr	White
11451402	200mm	14 Ch/Fr	Green
11451602	200mm	16 Ch/Fr	Orange
11451802	200mm	18 Ch/Fr	Red

Latex Intermittent Catheter

Key Features:

- Made of medical grade latex
- Smooth rounded tip for easy insertion and comfort
- Two large opposing eyes for optimal drainage
- One way design



Code	Size	Length(mm)
Pediatric		
11460600	6 Ch/Fr	270
11460800	8 Ch/Fr	270
11461000	10 Ch/Fr	270
Adult		
11461200	12 Ch/Fr	400
11461400	14 Ch/Fr	400
11461600	16 Ch/Fr	400
11461800	18 Ch/Fr	400
11462000	20 Ch/Fr	400
11462200	22 Ch/Fr	400
11462400	24 Ch/Fr	400
11462600	26 Ch/Fr	400
11462800	28 Ch/Fr	400
11463000	30 Ch/Fr	400

Male External Catheter, Silicone

Key Features:

- Made of soft and breathable silicone which provides comfortable wear to the patient
- Transparent material allows for skin health monitoring while the catheter is in place
- 100% silicone made prevents patients from skin irritation
- Skin-friendly adhesive and self-adhesive



Code	Size(mm)
11810025	25
11810030	30
11810035	35
11810040	40

Male External Catheter, Latex

Key Features:

- Made of latex
- Designed to be easy to apply, easy to wear, and easy to remove
- Standard with tape that provides proper securement;
- Fitting with most of leg drainage bags
- The tapered tip ensures a secure connection



Code	Size(mm)
11820025	25
11820030	30
11820035	35
11820040	40

Urine Bag Basic

Key Features:

- Standard capacity is 2L, and available in 1.5L and 3L
- Non-return valve minimizes the risk of urinary tract infection
- Graduation scales for indication purpose only
- Holes for bag stand
- Available with Push Pull, Twist and T-tap valve bottom outlet
- Available with different length of inlet tube
- Available with sterile or non-sterile supply



Sterile	Non-sterile	Capacity(ml)	Inlet tube length(cm)	Bottom outlet valve
11502001	11512001	2000	90	Push Pull
11501501	11511501	1500	90	Push Pull
11502002	11512002	2000	90	Twist
11501502	11511502	1500	90	Twist
11502003	11512003	2000	90	T-tap
11503003	11513003	3000	90	T-tap

Urine Bag Plus

Key Features:

- 2L capacity only
- The wide bore inlet tube allows rapid flow of urine into the bag
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- Standard T-tap valve bottom outlet allows convenient emptying of the bag when required
- Available with sterile or non-sterile supply



Sterile	Non-sterile	Capacity(ml)	Inlet tube length(cm)	Bottom outlet valve
11502013	11512013	2000	90	T-tap

Urine Bag Super

Key Features:

- First choice for the postoperative drainage
- The integrated hanger for convenient and secured hanging from bed or stand
- Like a barrier, the drip chamber helps to protect against retrograde infection with a filter inbuilt
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- Air-vent improve the pressure compensation
- Accurate graduation markings in ml for self-management
- Standard T-tap valve allows one-hand hygienic operation
- Bottom outlet to be folded up for floor clearance and reducing the risk of cross infection
- Sterile only



Code	Capacity(ml)	Inlet tube length(cm)	Bottom outlet valve	Air vent	Drip Chamber
11502023	2000	120	T-tap	yes	yes
11502623	2600	120	T-tap	yes	yes

Leg Bag Basic

Key Features:

- Non-return valve minimizes the risk of urinary tract infection
- Available with various capacities for different patient's requirements
- Available with Twist and T-tap valve bottom outlet
- Available with different length of inlet tube
- Sterile only



Code	Capacity(ml)	Inlet tube length(cm)	Bottom outlet valve
11613507	350	7	Twist
11613530	350	30	Twist
11615007	500	7	Twist
11615030	500	30	Twist
11615060	500	60	Twist
11617507	750	7	Twist
11617530	750	30	Twist

Leg Bag ComFit

Key Features:

- Skin-friendly fabric backing helps to reduce skin irritation and maximize patient's comfort
- Elasticated straps are included
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- Standard T-tap valve bottom outlet allows convenient emptying of the bag when required
- Sterile only



Code	Capacity(ml)	Inlet tube length(cm)	Bottom outlet valve
11623507	350	7	T-tap
11623530	350	30	T-tap
11625007	500	7	T-tap
11625030	500	30	T-tap
11625060	500	60	T-tap
11627507	750	7	T-tap
11627530	750	30	T-tap

Urine Meter

Key Features:

- Designed for postoperative patients, especially for ICU patients who need precise monitoring of urine output
- Large scale for accurate reading
- 1.2m Star lumen tubing for kink resistance
- Air-vent improve the pressure compensation
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- The integrated hanger for convenient and secured hanging from any bed frame
- Sterile only



Code	Chamber Capacity(ml)	Bag Capacity(ml)
11720020	200	2000
11740020	400	2000
11750020	500	2000
11740026	400	2600
11750026	500	2600

Pediatric Urine Sampling Bag

Key Features:

- Designed for collection and monitoring of urine output
- Suitable for boys and girls
- A small adhesive foam circle for comfort and safety in use
- The scale is approximate and for indication purposes only
- Latex free
- Single use only
- Sterile only



Code	Capacity(ml)
1170100	100
1170150	150
1170200	200

Vacuum Urine Collection Kit

Key Features:

- Screw cap minimizes the risk of leakage and specimen contamination
- Protective sticker covers the cannula protecting the patient and healthcare professional from a needlestick injury
- Plastic tube enhances safety

Code	Description
11906016	Collection cup 60ml and 16mm x 100mm, 10ml plastic tube
11910016	Collection cup 100ml and 16mm x 100mm, 10ml plastic tube

Code	Description
11906000	Collection cup 60ml
11910000	Collection cup 100ml



Vacuum Urine Collection Kit

- It is a transfer device that lets you transfer urine to one or more tubes without being exposed to the specimen.

Code	Description
11901016	Urine Collection Straw and 16mm x 100mm, 10ml plastic tube

Code	Description
11900000	Urine Collection Straw in bulk, 100 pcs/bag



Syringes Prefilled With Sterile Water

Key Features:

- Typically used to inflate the catheter balloon of a Foley indwelling catheter
- Measuring facility on pre-filled syringe ensures an accurate application of fluid
- Sterilized inside and out, with easy peel packaging, enabling safe use in sterile areas
- Available with sterile water pre-filled syringe with 10% glycerine, to maintain a higher level of catheter balloon inflation

Code	Description
12011000	10ml sterile water pre-filled syringe
12013000	30ml sterile water pre-filled syringe



Code	Description
12011010	10ml sterile water pre-filled syringe with 10% glycerine



Syringes Prefilled With Lubricant Jelly

Key Features:

- The smooth tip of the syringe makes insertion easier
- The gel is used ideally for catheterization procedures
- Measuring facility on pre-filled syringe ensures an accurate application of fluid
- Sterilized inside and out, with easy peel packaging, enabling safe use in sterile areas

Code	Description
12021000	10ml lubricant jelly pre-filled syringe



Lubricant Jelly

Sterile lubricant Jelly is used in endoscopy, gastroscopy, colonoscopy and rectoscopy. It is hypoallergenic, does not irritate skin. It is water soluble and can be cleaned easily with tissues or towel. It spreads easily and adheres well to rubber, metal appliances, instruments and natural or synthetic textiles. It will not harm surgical instruments, rubber, or plastic, and is safe to use on human tissues.



Key Features:

- Water-soluble jelly is ideal for lubrication of all types of indwelling catheters and intermittent catheters
- Spreads easily over rubber, metal appliances, instruments and natural or synthetic textiles to form a transparent lubricating film
- Harmless to human tissue
- Non-irritating, Non-staining, Non-greasy
- Gamma sterilized to meet AAM/ANS/ISO11137 standard
- Adheres well, yet washes away easily

Code	Description
31625270	Lubricating Jelly in Foil Pack, 2.7 g
31625050	Lubricating Jelly in Foil Pack, 5 g
31626002	Lubricating Jelly in Flip-Top Tube, 2 oz.
31626004	Lubricating Jelly in Flip-Top Tube, 4 oz

Foley Catheter Leg Band

Key Features:

- To provide a comfortable way to secure the catheter in place
- Available with Latex free material
- Fully adjustable Velcro closure
- Soft backing for added skin comfort
- Available with anti-slip and irritation silicone grip
- Available with leg band or waist band
- All types are available with customized size



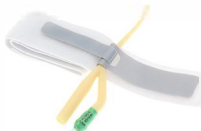
Code	Wide(cm)	Length(cm)	Specification	Material
12030556	5	56	With silicone grip	Latex Free



Code	Wide(cm)	Length(cm)	Specification	Material
12035560	5.5	60	With silicone grip	Latex Free



Code	Wide(cm)	Length(cm)	Specification	Material
12030860	3.8	60	With silicone grip	Latex Free



Code	Wide(cm)	Length(cm)	Specification	Material
12032550	2.5	50	With silicone grip	Latex Free



Foley Catheter Holder

Key Features:

- To provide a comfortable way to secure the catheter in place
- Ideal for short term catheterized patients
- Skin-friendly adhesive base
- One size fits most patients



Code	Wide(cm)	Length(cm)	Foley Catheter Fit
12046501	6.5	10.5	FR12- FR30

Leg Bag Sleeve

Key Features:

- To provide a comfortable, discreet and secure alternative to straps
- Soft, breathable, lightweight fabric ensures a comfortable wear throughout the day
- Machine washable for easy cleaning
- Suitable for patients with a suprapubic or urethral catheter, or a penile sheath
- 4 sizes available to match different request



Code	Size
12050001	S
12050002	M
12050003	L
12050004	XL

Leg Straps

Key Features:

- 100% Latex free
- Fitting with all types of urine leg bags



Code	Wide (cm)	Length (cm)	Unit	Lock Way
12061801	1.8	48	Pair	With buttons
12061802	1.8	50	Pair	With buttons, with silicone grip
12062301	2.3	50	Pair	With Velcro
12062302	2.3	50	Pair	With Velcro, with silicone grip

Smart Catheter Spigot

Key Features:

- The lever tapped valve allows for easy operation by patients with poor manual dexterity
- Can be used to securely close all brands of Foley catheter
- To form a closed system to lower the risk of infection
- Easy to disinfect



Code	Type
12070002	Smart one



Code	Type
12070003	Smart mini

Catheter Spigot

Key Features:

- Can be used to securely close the urine catheter
- To form a closed system to lower the risk of infection
- Easy to disinfect



Code	Type
12070001	Basic one

Kidney Health

Double J Ureteral Stent

A double J stent, also called a J-J stent is a thin and flexible plastic tube inserted into the ureter to prevent or treat obstruction of the urine flow from the kidney. It is curled at both ends to avoid damaging the kidney and urinary bladder and to prevent it from dislocating. The stent is placed so that its upper end is in the kidney and its lower end is in the urinary bladder

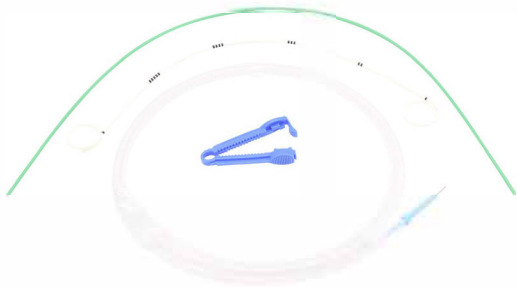


Key Features:

- Made of Polyurethane (PU) for excellent patient comfort and reduced stent encrustation
- Drainage openings in pigtail and shaft
- Graduation marks visualize the stent placement
- Radiopaque for clear visualization
- Length measurement is indicated without including two J tips
- Available with open and closed tip

Size (Fr/Ch)	Length(cm)	Open-Open Tip	Open-Close Tip
4	24	21000424	21010424
4	26	21000426	21010426
4.8	24	21004824	21014824
4.8	26	21004826	21014826
5	24	21000524	21010524
5	26	21000526	21010526
5	28	21000528	21010528
5	30	21000530	21010530
6	24	21000624	21010624
6	26	21000626	21010626
6	28	21000628	21010628
6	30	21000630	21010630
7	24	21000724	21010724
7	26	21000726	21010726
7	28	21000728	21010728
7	30	21000730	21010730
8	24	21000824	21010824
8	26	21000826	21010826
8	28	21000828	21010828
8	30	21000830	21010830

Double J Ureteral Stent Set



Ureteral Stent

- Made of Polyurethane (PU)
- Drainage openings in pigtail and shaft
- Graduation marks visualize the stent placement
- Radiopaque for clear visualization

Pusher

- Length: 45cm

Guide Wire

- Uncoated or PTFE-coated

Clamp

- Only in a set with closed tip

Open-Open Tip

Size (Fr/Ch)	Length(cm)	Without Guide Wire	With Uncoated Guide Wire	With PTFE Coated Guide Wire	Guide Wire Length(cm)	Guide Wire Diameter	Guide Wire Tip
4	24	21100424	21110424	21120424	120	0.028	Straight
4	26	21100426	21110426	21120426	120	0.028	Straight
4.8	24	21104824	21114824	21124824	120	0.028	Straight
4.8	26	21104826	21114826	21124826	120	0.028	Straight
5	24	21100524	21110524	21120524	120	0.032	Straight
5	26	21100526	21110526	21120526	120	0.032	Straight
5	28	21100528	21110528	21120528	120	0.032	Straight
5	30	21100530	21110530	21120530	120	0.032	Straight
6	24	21100624	21110624	21120624	120	0.032	Straight
6	26	21100626	21110626	21120626	120	0.032	Straight
6	28	21100628	21110628	21120628	120	0.032	Straight
6	30	21100630	21110630	21120630	120	0.032	Straight
7	24	21100724	21110724	21120724	120	0.035	Straight
7	26	21100726	21110726	21120726	120	0.035	Straight
7	28	21100728	21110728	21120728	120	0.035	Straight
7	30	21100730	21110730	21120730	120	0.035	Straight
8	24	21100824	21110824	21120824	120	0.035	Straight
8	26	21100826	21110826	21120826	120	0.035	Straight
8	28	21100828	21110828	21120828	120	0.035	Straight
8	30	21100830	21110830	21120830	120	0.035	Straight

Open-Close Tip

Size (Fr/Ch)	Length(cm)	Without Guide Wire	With Uncoated Guide Wire	With PTFE Coated Guide Wire	Guide Wire Length(cm)	Guide Wire Diameter	Guide Wire Tip
4	24	21100424	21110424	21120424	120	0.028	Straight
4	26	21100426	21110426	21120426	120	0.028	Straight
4.8	24	21104824	21114824	21124824	120	0.028	Straight
4.8	26	21104826	21114826	21124826	120	0.028	Straight
5	24	21100524	21110524	21120524	120	0.032	Straight
5	26	21100526	21110526	21120526	120	0.032	Straight
5	28	21100528	21110528	21120528	120	0.032	Straight
5	30	21100530	21110530	21120530	120	0.032	Straight
6	24	21100624	21110624	21120624	120	0.032	Straight
6	26	21100626	21110626	21120626	120	0.032	Straight
6	28	21100628	21110628	21120628	120	0.032	Straight
6	30	21100630	21110630	21120630	120	0.032	Straight
7	24	21100724	21110724	21120724	120	0.035	Straight
7	26	21100726	21110726	21120726	120	0.035	Straight
7	28	21100728	21110728	21120728	120	0.035	Straight
7	30	21100730	21110730	21120730	120	0.035	Straight
8	24	21100824	21110824	21120824	120	0.035	Straight
8	26	21100826	21110826	21120826	120	0.035	Straight
8	28	21100828	21110828	21120828	120	0.035	Straight
8	30	21100830	21110830	21120830	120	0.035	Straight

Suprapubic Foley Catheters

The Suprapubic Foley Catheter is a type of indwelling catheter that is inserted through a hole in the tummy (abdomen) and then directly into the bladder. It is used when the urethra is damaged or blocked, or when someone is unable to use an intermittent catheter. Urinary drainage via the suprapubic route is recognized as an effective method of bladder drainage that causes fewer complications compared to urethral catheterization, including a reduced incidence of infection and trauma, a reduced risk of catheter blockage, less patient inconvenience, making it suitable for long-term catheterization.



Code	Size	Balloon(cc)	Color Code	Length(mm)
21201205	12 Ch/Fr	5	White	400
21201405	14 Ch/Fr	5	Green	400
21201605	16 Ch/Fr	5	Orange	400
21201805	18 Ch/Fr	5	Red	400
21202005	20 Ch/Fr	5	Yellow	400
21202205	22 Ch/Fr	5	Violet	400



Latex Malecot Catheter

The Latex Malecot catheter has a mushroom-shaped tip at the end to fix the catheter in the bladder. It is typically used to provide drainage following open renal or bladder surgeries. Malecot wings are employed to provide drainage and promote catheter retention.



Key Features:

- One way with funnel end
- Silicone coated latex catheter
- Sterilized

Code	Size	Length(mm)
21301200	12 Ch/Fr	400
21301400	14 Ch/Fr	400
21301600	16 Ch/Fr	400
21301800	18 Ch/Fr	400
21302000	20 Ch/Fr	400
21302200	22 Ch/Fr	400
21302400	24 Ch/Fr	400
21302600	26 Ch/Fr	400
21302800	28 Ch/Fr	400
21303000	30 Ch/Fr	400
21303200	32 Ch/Fr	400
21303400	34 Ch/Fr	400
21303600	36 Ch/Fr	400
21303800	38 Ch/Fr	400
21304000	40 Ch/Fr	400

Amplatz Extra Stiff Guide Wire



Key Features:

- Designed to facilitate device placement through tortuous anatomy
- PTFE coating reduces friction along the wire
- Increased stiffness of the wire designed to provide stability within the urinary tract without compromising tip flexibility
- Available in Angled tip only

Code	Size(inch)	Length(cm)	Tip
21413280	0.032	80	Angled tip
21413210	0.032	100	Angled tip
21413580	0.035	80	Angled tip
21413510	0.035	100	Angled tip

Amplatz Extra Stiff Guide Wire



Key Features:

- PTFE coating reduces friction along the wire
- Tapered tip for atraumatic access
- Available in straight or Angled tip

Size(inch)	Length(cm)	Straight Tip	Angled Tip
0.032	150	21423215	21433215
0.032	180	21423218	21433218
0.035	150	21423515	21433515
0.035	180	21423518	21433518

Cross Guide Wire



Key Features:

- Tapered tip for atraumatic access
- PTFE sheath reduces friction along the wire
- Designed with Nitinol core wire with blue & white sleeve for excellent visualization under X-ray
- Available in straight or Angled tip

Size(inch)	Length(cm)	Straight Tip	Angled Tip
0.032	150	21443215	21453215
0.032	180	21443218	21453218
0.035	150	21443515	21453515
0.035	180	21443518	21453518

Hydrophilic Guide Wire



Key Features:

- Hydrophilic coating for easier access, creating a low friction surface which reduces trauma
- Tapered tip for atraumatic access, and to facilitate access past obstructions
- Nitinol core wire which allows maximum deflection without kinking
- Available in straight or Angled tip

Size(inch)	Length(cm)	Straight Tip	Angled Tip
0.032	150	21463215	21473215
0.032	180	21463218	21473218
0.035	150	21463515	21473515
0.035	180	21463518	21473518

HydroCross Guide Wire



Key Features:

- Hydrophilic flexible tip for easier access, creating a low friction surface which reduces trauma
- Nitinol core wire with blue & white sleeve for excellent visualization under X-ray
- Excellent stiffness of shaft provides good control and safe access
- Tapered tip for atraumatic access, and to facilitate access past obstructions
- PTFE sheath reduces friction along the wire
- Available in straight or Angled tip

Size(inch)	Length(cm)	Straight Tip	Angled Tip
0.028	150	21482815	21492815
0.032	150	21483215	21493215
0.035	150	21483515	21493515

IP Needle

It is designed to make the initial percutaneous puncture to access the kidney and to enable the introduction of a guidewire during urological procedures (PCN, PCNL, Mini PERC & Micro PERC).



Key Features:

- Two parts types
- Graduation marks on the shaft for visualization
- Available with bevel tip and diamond tip
- Sharp tip, painless

Code	Size	Length(cm)
21501620	16Fr	20
21501624	16Fr	24
21501820	18Fr	20
21501824	18Fr	24

Ureteral Catheter

Ureteral catheters can be used for a number of functions, such as maintaining drainage, infusion of contrast media, ureteral dilation and atraumatic access.

Key Features:

- Flexible and smooth shaft for greater patient comfort
- Color-coded mark for ureteral identification, Red-right, Black left
- Single use product for convenience and assured sterility
- All catheters are radiopaque, graduated and packaged sterile
- Equipped with medical stainless guidewire of 0.4 inch
- Available with connector for infusion of contract media



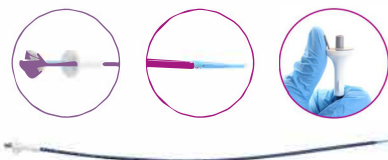
Size	Length(cm)	Catheter Only	With Connector
3Fr	70	21600370	21610370
4Fr	70	21600470	21610470
5Fr	70	21600570	21610570
6Fr	70	21600670	21610670
7Fr	70	21600770	21610770
8Fr	70	21600870	21610870

Ureteral Access Sheath

Ureteral access sheath is used to be introduced in to ureter to function as a dilator and to establish a conduit to facilitate scope manipulation and repeated passage during ureteroscopy. It is also designed to protect the ureter during repeated device exchanges during ureteroscopy.

Key Features:

- Reinforced with spiral coil, designed to provide stability and strength through tortuous ureters
- Hydrophilic coating external sheath and dilator tip for ease of insertion
- Dual tapered dilator tip designed for atraumatic passage



Code	Size	Length(cm)	Patient Group
21701036	10/12 Fr	36cm	Female
21701136	11/13 Fr	36cm	Female
21701236	12/14 Fr	36cm	Female
21701336	13/15 Fr	36cm	Female
21701046	10/12 Fr	46cm	Male
21701146	11/13 Fr	46cm	Male
21701246	12/14 Fr	46cm	Male
21701346	13/15 Fr	46cm	Male

The Ligation System

The titanium ligation systems are designed with four different sizes, small, medium, medium-large and large to meet the tissue occlusion and closure needs in both open and laparoscopic surgeries. The clips are made of implantable grade titanium materials to ensure long term patient safety for the tissue hemostatic closure. A wide range of ergonomically designed clip applicators are designed with color coding systems, match with colors of the cartridges, for easy identification and convenience in use. The high-quality medical grade stainless steel are used on reusable open surgery and endoscopic surgery applicators to ensure the durability in the operating room and in the CSSD.



Titanium Ligation-Clip

Key Features:

- Reliable vessel occlusion
- A diamond-shaped inner clip profile provides an enlarged contact surface
- Implantable grade titanium materials ensure the patient safety
- A variety of four sizes, meet the closure needs of different anatomic structures



Code	Size	Color Code
25010000	Small	Blue
25020000	Medium	White
25030000	Medium large	Green
25040000	Large	Yellow

Ligation-Clip Applicators

Key Features:

- Made of stainless steel
- Narrow, delicate instrument tips enable an improved overview
- Color coding simplifies the identification of suitable clip applicators and cartridges



Code	Size	Color Code	Clip Code
26010000	Small	Blue	25010000
26020000	Medium	White	25020000
26030000	Medium large	Green	25030000
26040000	Large	Yellow	25040000

Biopsy Gun

Uroguard Biopsy Gun is a disposable biopsy needle for biopsies from soft tissue such as prostate, kidney, liver, spleen lymph nodes and various soft tissue tumors. It is not appropriate for bone biopsies. It is designed for automatic capturing of high-quality tissue sample with minimum trauma to patient.

Semi-Automatic Biopsy Gun



Key Features:

- Light-weight design
- Excellent ultrasound visibility of the stylet needle and cutting cannula needle
- Centimeter reference markers for penetration depth check
- Cannula is removable
- Puncture depth available with 10mm and 18mm
- Available with complete kit

Code	Needle Gauge	Needle Length(cm)
21801410	14G	10
21801415	14G	15
21801420	14G	20
21801610	16G	10
21801615	16G	15
21801620	16G	20
21801810	18G	10
21801815	18G	15
21801820	18G	20
21802010	20G	10
21802015	20G	15

Fully-Automatic Biopsy Gun



Key Features:

- Light-weight design and easily operate
- Automatic and accurate sampling
- Loading indicator
- Excellent ultrasound visibility of the stylet needle and cutting cannula needle
- Puncture depth available with 10mm and 18mm
- One bottom for sampling collection

Code	Needle Gauge	Needle Length(cm)
21901410	14G	10
21901415	14G	15
21901420	14G	20
21901610	16G	10
21901615	16G	15
21901620	16G	20
21901810	18G	10
21901815	18G	15
21901820	18G	20
21902010	20G	10
21902015	20G	15
21902020	20G	20