

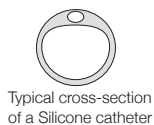
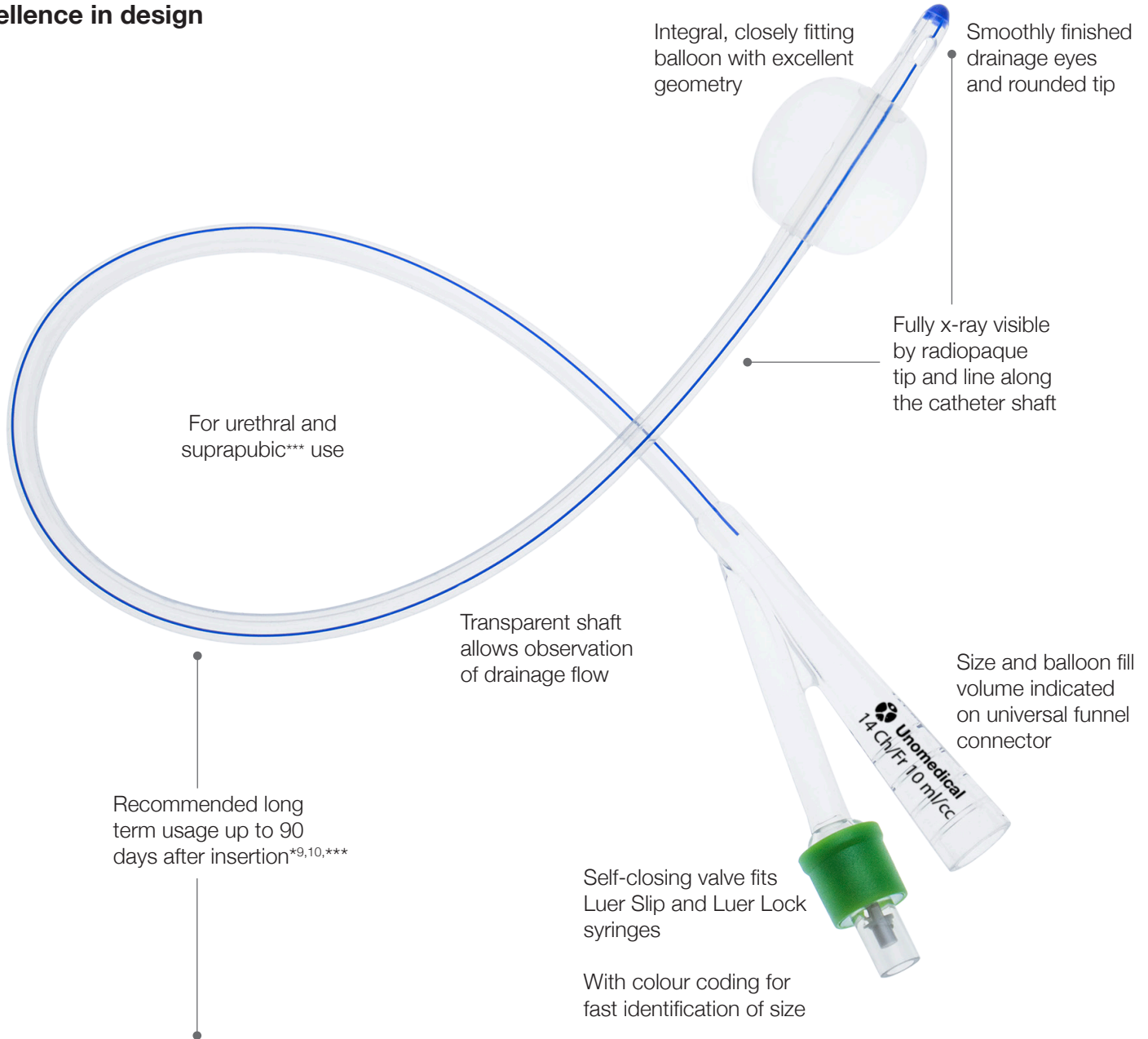


100% Silicone Foley Catheters

Unomedical 100% Silicone Foley Catheters

The improved and expanded program of Unomedical Silicone Foley Catheters provides patients and health care professionals with a wide range of solutions for reliable and comfortable acute and long-term urinary drainage requirements.

Excellence in design



Silicone - An ideal material for long-term use

Silicone is a highly flexible and strong material, which is intended to provide reliable passage and designed to facilitate comfort during long-term catheterization. Its smooth and inert surfaces help to avoid encrustation and urethral irritation.^{*1,2,3,4}

Due to its transparency visual assessment of the drainage flow is easily possible, allowing judgement if a catheter change is necessary.

Silicone catheters are designed to provide a larger drainage lumen compared to traditional Latex indwelling catheters. This may help to allow for better flow rates, more efficient drainage, and removal of blood clots.

** Usable as suprapubic exchange catheter. Applies to Nelaton tip catheters with 10ml balloon CH/FG 12-18.

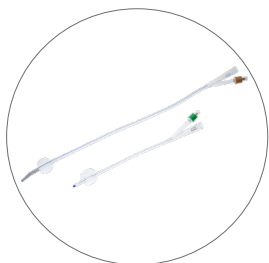
*** Adult 2-way catheters can be retained in the body for up to 90 days.

Product range options



Tiemann Tip

A soft, flexible, curved tip, designed to ease catheterization in cases involving an enlarged prostate, strictures, or difficult catheterizations.



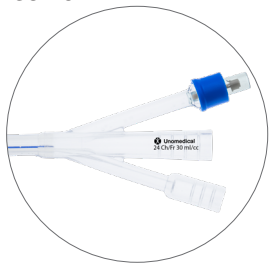
Female Length Catheters

Shorter length catheters, more convenient especially for ambulant female patients.




Pediatric

Adapted to pediatric anatomy with 31 cm length and balloon sizes between 1.5 and 5.0 ml/cc. Pre-loaded with nylon stilet to facilitate insertion.



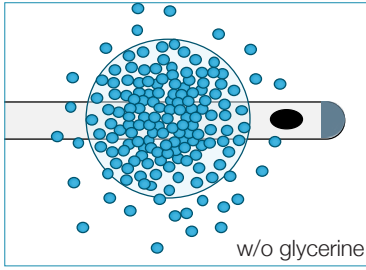
3-Way Catheters

For post-operative drainage with additional channel for irrigation of the bladder. Equipped with a 30 ml balloon to aid hemostasis.

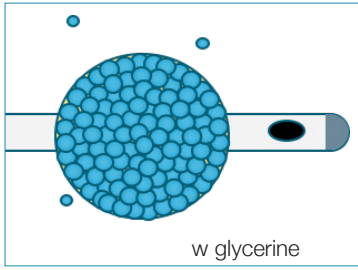


Pre-filled syringe
Emptying syringe

CARELINE™ catheter kits with pre-filled syringes containing 10% glycerine solution



w/o glycerine



w glycerine


10% aqueous glycerine solution is used in the pre-filled syringes inside the Unomedical CARELINE™ catheter kits.


While water easily diffuses through the membrane of a silicone balloon, leading to a loss of volume of more than 50% over a long term catheterization period, glycerine solution does not significantly diffuse through the wall of the balloon keeping the fill volume stable over a long period of time.^{*5,6,7,8,10}

- Catheter is anchored securely with minimized risk of dislodgement
- No regular checks and topping up required
- Time and cost savings potential because regular checks are not required

CARELINE™ catheter kits are available in packs of five or single packed. Every catheter comes with an additional 10ml/cc emptying syringe to support catheter replacement.

Temperature-Sensing Catheters









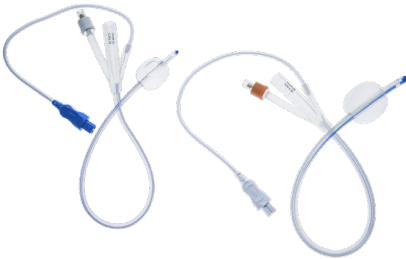
Series 400 compatible plug with ergonomic grip

Unomedical Temperature-Sensing Foley catheters with a built in temperature-sensing thermister are used to accurately measure core body temperature in the bladder.

- Temperature sensor with measuring accuracy of $\pm 0.2/-0.2^{\circ}\text{C}$ over a range of $25-45^{\circ}\text{C}$ ^{*11}
- Compatible with series 400 monitoring systems
- Available in adult and pediatric sizes

* As demonstrated *in vitro*

Unomedical 100% Silicone Foley Catheters



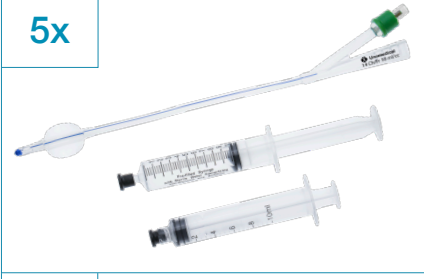

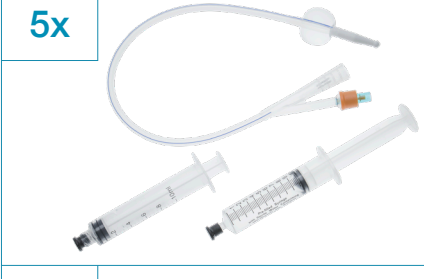
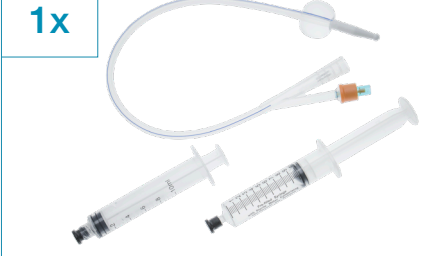
	REF	CH/FG	Length	Channels	Balloon Volume	Tip Design	Long-term	Quantity (pcs)	
	2-Way, 10 ml, Nelaton Tip								Pack of 10
	UM41151210	12	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200
	UM41151410	14	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200
	UM41151610	16	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200
	UM41151810	18	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200
	UM41152010	20	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200
	UM41152210	22	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200
	UM41152410	24	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200
UM41152610	26	40 cm	Male	2-way	10 ml	Nelaton	yes	10/200	
	2-Way, 30 ml, Nelaton Tip								Pack of 5
	UM41151630	16	40 cm	Male	2-way	30 ml	Nelaton	yes	5/250
	UM41151830	18	40 cm	Male	2-way	30 ml	Nelaton	yes	5/250
	UM41152030	20	40 cm	Male	2-way	30 ml	Nelaton	yes	5/250
	UM41152230	22	40 cm	Male	2-way	30 ml	Nelaton	yes	5/250
	UM41152430	24	40 cm	Male	2-way	30 ml	Nelaton	yes	5/250
UM41152630	26	40 cm	Male	2-way	30 ml	Nelaton	yes	5/250	
	Pediatric 2-Way, Nelaton Tip with pre-loaded nylon guidewire								Pack of 5
	UM43150601	6	31 cm	Ped.	2-way	1.5 ml	Nelaton	-	5/250
	UM43150803	8	31 cm	Ped.	2-way	3 ml	Nelaton	-	5/250
UM43151005	10	31 cm	Ped.	2-way	5 ml	Nelaton	-	5/250	
	3-Way, 30 ml, Nelaton Tip								Pack of 5
	UM45151830	18	40 cm	Male	3-way	30 ml	Nelaton	-	5/250
	UM45152030	20	40 cm	Male	3-way	30 ml	Nelaton	-	5/250
	UM45152230	22	40 cm	Male	3-way	30 ml	Nelaton	-	5/250
UM45152430	24	40 cm	Male	3-way	30 ml	Nelaton	-	5/250	
	Temperature-Sensing, Pediatric/Adult, 2-way, Nelaton Tip								Pack of 5
	UM42220803	08	31 cm	Ped.	2-way	3 ml	Nelaton	-	5/250
	UM42221005	10	31 cm	Ped.	2-way	5 ml	Nelaton	-	5/250
	UM42221210	12	40 cm	Male	2-way	10 ml	Nelaton	-	5/250
	UM42221410	14	40 cm	Male	2-way	10 ml	Nelaton	-	5/250
	UM42221630	16	40 cm	Male	2-way	30 ml	Nelaton	-	5/250
	UM42221830	18	40 cm	Male	2-way	30 ml	Nelaton	-	5/250
	UM42222030	20	40 cm	Male	2-way	30 ml	Nelaton	-	5/250
	UM42222230	22	40 cm	Male	2-way	30 ml	Nelaton	-	5/250
UM42222430	24	40 cm	Male	2-way	30 ml	Nelaton	-	5/250	

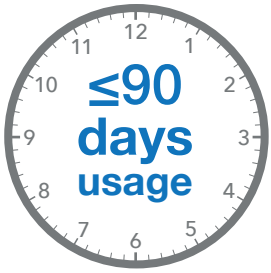
References: **1** Nacey JN, Tulloch AGS, Ferguson AF. Catheter-induced Urethritis: A Comparison Between Latex and Silicone Catheters in a Prospective Clinical Trial. *British Journal of Urology* 1985;57:325-328; **2** HUANG et al. Effect of silicon and latex urinary catheters: a comparative study, 2005; **3** Tunney MM, Keane PF, Gorman SP. Assessment of urinary tract biomaterial encrustation using a modified Robbins device continuous flow model. *J Biomed Mater Res.* 1997;38(2):8; **4** Morris NS, Stickler DJ, Winters C. Which indwelling urethral catheters resist encrustation by *Proteus mirabilis* biofilms? *British Journal of Urology* 1997;80,58-6; **5** Studer UE, Bishop MC, Zingg EJ. How to fill silicone catheter balloon. *Urology.* 1983 Sep;22(3):300-2; **6** JoAnn Mercer Smith, BSN, RN, CWOCN, Indwelling Catheter Management: From Habit-based to Evidence-based Practice, *Ostomy Wound Manage.* 2003;49(12):34-45; **7** D. K. Ackerman, *Praktische Hinweise zur Einlage des Blasenkatheters*, *Schweiz Med Forum* Nr. 27 3. Juli 2002; **8** Evidence-based Guidelines for Best Practice in Urological Health Care Catheterisation - Indwelling catheters in adults Urethral and Suprapubic, *European Association of Urology Nurses* 2012; **9** Well Lead Long-term indwelling silicone foley catheter test report. 2015. In vitro test report. Copy on file at ConvaTec; **10** Test report for 10% glycerin solution. 2017. Welllead. In vitro test report. Copy on file at ConvaTec; **11** Test report on Temperature sensors. TÜVRheinland. 2015. In vitro test report. Copy on file at ConvaTec.





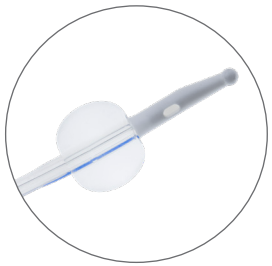
Catheter kits with pre-filled syringes containing 10% glycerine solution for hospital and home use

	REF	CH/FG	Length	Channels	Balloon Volume	Tip Design	Long-term	Quantity (pcs)	
5x 	CARELINE™ 2-Way, 10 ml, Nelaton Tip with prefilled 10% aqueous glycerine syringe, empty syringe, adhesive patient labels Pack of 5								
	UM41151210P	○ 12	40 cm	Male	2-way	10 ml	Nelaton	yes	5/250
	UM41151410P	● 14	40 cm	Male	2-way	10 ml	Nelaton	yes	5/250
	UM41151610P	● 16	40 cm	Male	2-way	10 ml	Nelaton	yes	5/250
	UM41151810P	● 18	40 cm	Male	2-way	10 ml	Nelaton	yes	5/250
	UM41152010P	● 20	40 cm	Male	2-way	10 ml	Nelaton	yes	5/250
	UM41152210P	● 22	40 cm	Male	2-way	10 ml	Nelaton	yes	5/250
	UM41152410P	● 24	40 cm	Male	2-way	10 ml	Nelaton	yes	5/250
1x 	CARELINE™ 2-Way, 10 ml, Nelaton Tip with prefilled 10% aqueous glycerine syringe, empty syringe, adhesive patient labels Single Pack								
	UM41151210PS	○ 12	40 cm	Male	2-way	10 ml	Nelaton	yes	1/30
	UM41151410PS	● 14	40 cm	Male	2-way	10 ml	Nelaton	yes	1/30
	UM41151610PS	● 16	40 cm	Male	2-way	10 ml	Nelaton	yes	1/30
	UM41151810PS	● 18	40 cm	Male	2-way	10 ml	Nelaton	yes	1/30
	UM41152010PS	● 20	40 cm	Male	2-way	10 ml	Nelaton	yes	1/30
	UM41152210PS	● 22	40 cm	Male	2-way	10 ml	Nelaton	yes	1/30
	UM41152410PS	● 24	40 cm	Male	2-way	10 ml	Nelaton	yes	1/30
5x 	CARELINE™ FEMALE LENGTH 2-Way, 10 ml, Nelaton Tip with prefilled 10% aqueous glycerine syringe, empty syringe, adhesive patient labels Pack of 5								
	UM41171210P	○ 12	24 cm	Female	2-way	10 ml	Nelaton	yes	5/250
	UM41171410P	● 14	24 cm	Female	2-way	10 ml	Nelaton	yes	5/250
	UM41171610P	● 16	24 cm	Female	2-way	10 ml	Nelaton	yes	5/250
	UM41171810P	● 18	24 cm	Female	2-way	10 ml	Nelaton	yes	5/250
	UM41172010P	● 20	24 cm	Female	2-way	10 ml	Nelaton	yes	5/250
	UM41172210P	● 22	24 cm	Female	2-way	10 ml	Nelaton	yes	5/250
	UM41172410P	● 24	24 cm	Female	2-way	10 ml	Nelaton	yes	5/250
1x 	CARELINE™ FEMALE LENGTH 2-Way, 10 ml, Nelaton Tip with prefilled 10% aqueous glycerine syringe, empty syringe, adhesive patient labels Single Pack								
	UM41171210PS	○ 12	24 cm	Female	2-way	10 ml	Nelaton	yes	1/30
	UM41171410PS	● 14	24 cm	Female	2-way	10 ml	Nelaton	yes	1/30
	UM41171610PS	● 16	24 cm	Female	2-way	10 ml	Nelaton	yes	1/30
	UM41171810PS	● 18	24 cm	Female	2-way	10 ml	Nelaton	yes	1/30
	UM41172010PS	● 20	24 cm	Female	2-way	10 ml	Nelaton	yes	1/30
	UM41172210PS	● 22	24 cm	Female	2-way	10 ml	Nelaton	yes	1/30
	UM41172410PS	● 24	24 cm	Female	2-way	10 ml	Nelaton	yes	1/30
5x 	CARELINE™ 2-Way, 10 ml, TIEMANN Tip with prefilled 10% aqueous glycerine syringe, empty syringe, adhesive patient labels Pack of 5								
	UM41161210P	○ 12	42 cm	Male	2-way	10 ml	Tiemann	yes	5/250
	UM41161410P	● 14	42 cm	Male	2-way	10 ml	Tiemann	yes	5/250
	UM41161610P	● 16	42 cm	Male	2-way	10 ml	Tiemann	yes	5/250
	UM41161810P	● 18	42 cm	Male	2-way	10 ml	Tiemann	yes	5/250
	UM41162010P	● 20	42 cm	Male	2-way	10 ml	Tiemann	yes	5/250
	UM41162210P	● 22	42 cm	Male	2-way	10 ml	Tiemann	yes	5/250
	UM41162410P	● 24	42 cm	Male	2-way	10 ml	Tiemann	yes	5/250
1x 	CARELINE™ 2-Way, 10 ml, TIEMANN Tip with prefilled 10% aqueous glycerine syringe, empty syringe, adhesive patient labels Single Pack								
	UM41161210PS	○ 12	42 cm	Male	2-way	10 ml	Tiemann	yes	1/30
	UM41161410PS	● 14	42 cm	Male	2-way	10 ml	Tiemann	yes	1/30
	UM41161610PS	● 16	42 cm	Male	2-way	10 ml	Tiemann	yes	1/30
	UM41161810PS	● 18	42 cm	Male	2-way	10 ml	Tiemann	yes	1/30
	UM41162010PS	● 20	42 cm	Male	2-way	10 ml	Tiemann	yes	1/30
	UM41162210PS	● 22	42 cm	Male	2-way	10 ml	Tiemann	yes	1/30
	UM41162410PS	● 24	42 cm	Male	2-way	10 ml	Tiemann	yes	1/30



Silicone is an optimal material for long-term catheterization. It helps to reduce the risk of encrustation and urethral irritation,^{*1,2,3,4} while being a highly flexible and strong material, intended to provide reliable passage and designed to facilitate comfort. Large lumens allow for high flow rates and efficient drainage.

All Unomedical long-term catheters are recommended for usage of up to 90 days⁹.



The expanded program of Unomedical Silicone Foley Catheters provides patients and health care professionals with a wide range of solutions for reliable and comfortable acute and long-term urinary drainage requirements including:

- Nelaton tip catheters
- Tiemann tip catheters
- Female length catheters
- 10 and 30 ml/cc balloon sizes
- Pediatric catheters
- 3-Way bladder irrigation catheters
- Thermo-sensing catheters



All long-term catheters are available as CARELINE™ catheter kits, containing one pre-filled syringe with 10% aqueous glycerine solution and one emptying syringe inside each sterile peel-pouch. All products are equipped with self-adhesive patient stickers.



All Unomedical 100% Silicone Foley Catheters feature thoughtful design.

- Fully x-ray visible with radiopaque tip and line on shaft
- Excellent balloon geometry
- Transparent shaft for easy observation of drainage flow
- Integral, close fitting balloon
- For urethral and suprapubic use
- Self-closing valve with color coding



All catheters are free of latex, natural rubber allergenes and Phthalates, such as Bis(2-ethylhexyl) phthalate (DEHP).

For further information on these products and their availability in your market, please contact your local ConvaTec sales representative.

With reservations for misprints and alterations in product specifications. Printed version not controlled.