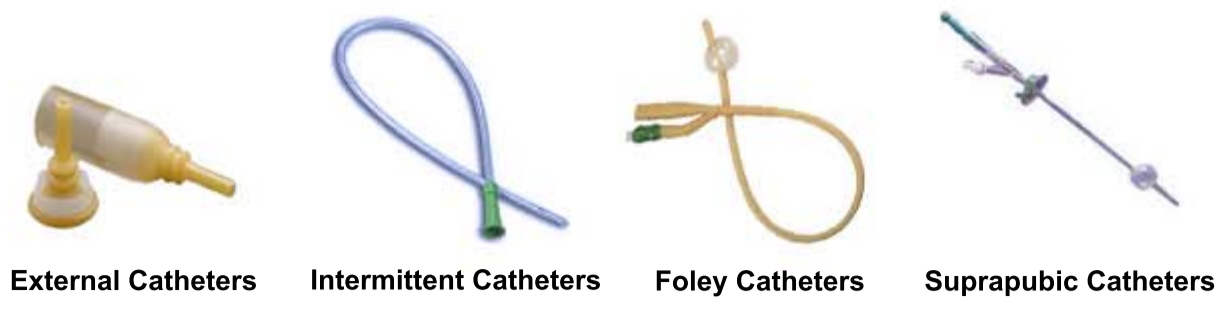
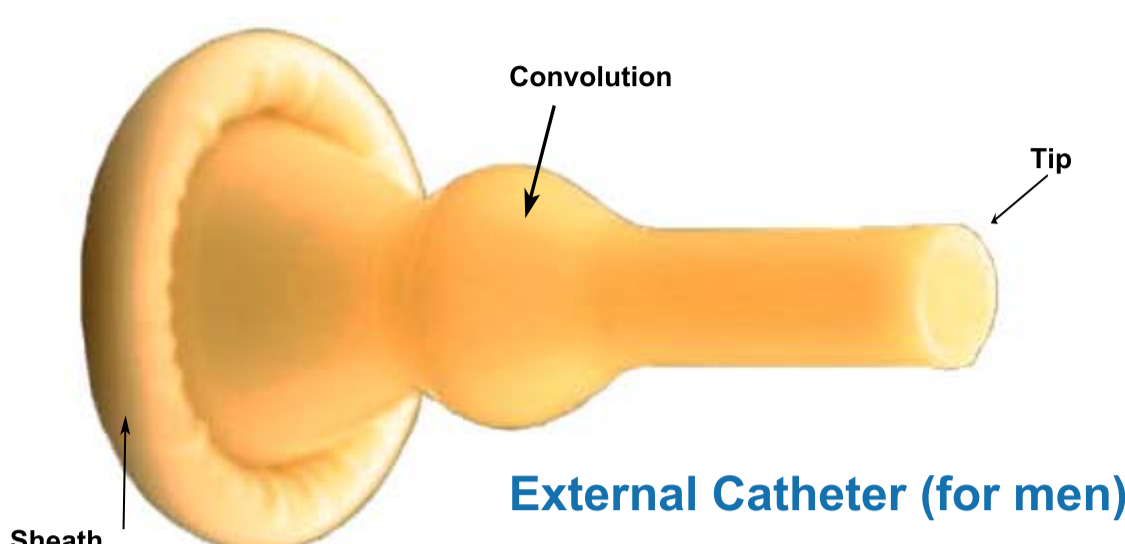


Types of Urinary Catheters



Anatomy of a Catheter

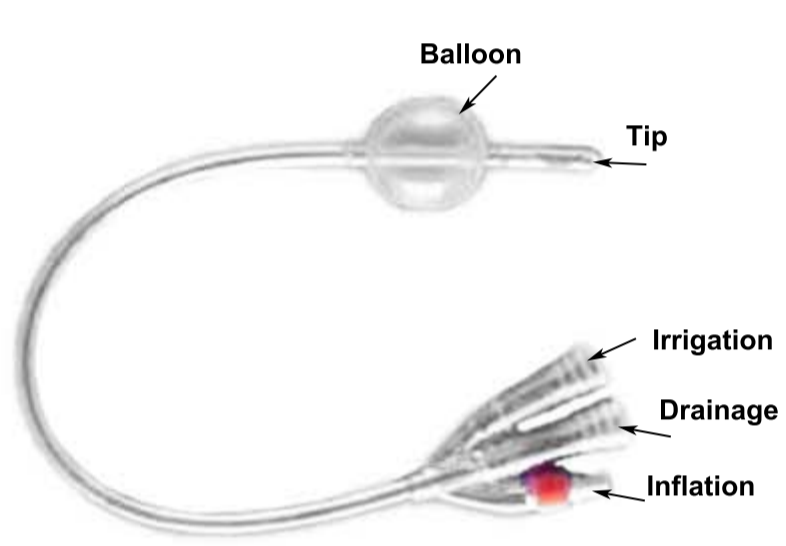


- Sheath is placed around the penis and is often coated inside with an adhesive to maintain position.
- Convolution helps to prevent kinking.
- Tip attaches to urinary tubing that goes to a leg bag or bedside bag.



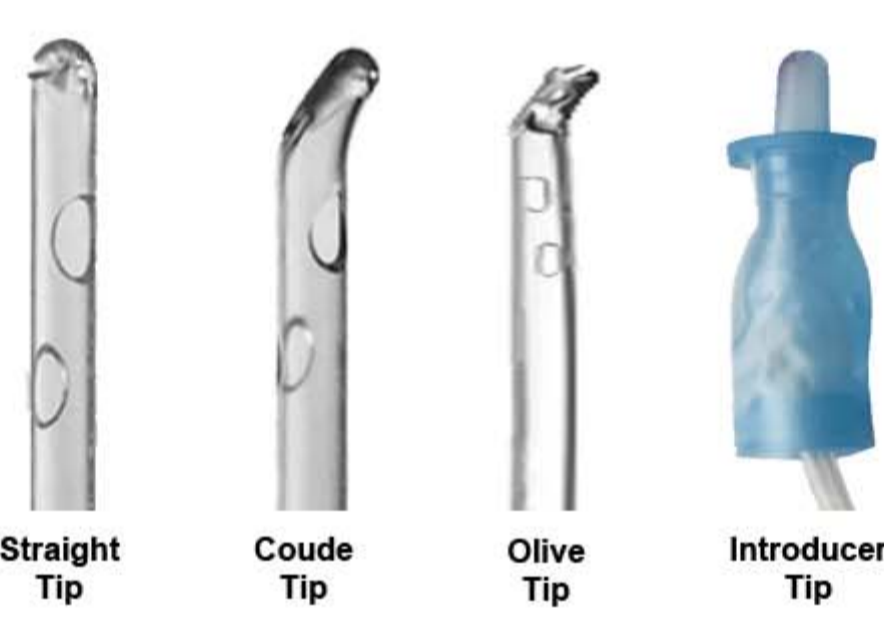
Intermittent Catheter

- Funnel end attaches to tubing.
- Drainage eyes allow urine to drain from the bladder.
- Catheter tips aide with insertion and come in several options as illustrated below.



Foley Catheter (3-Way)

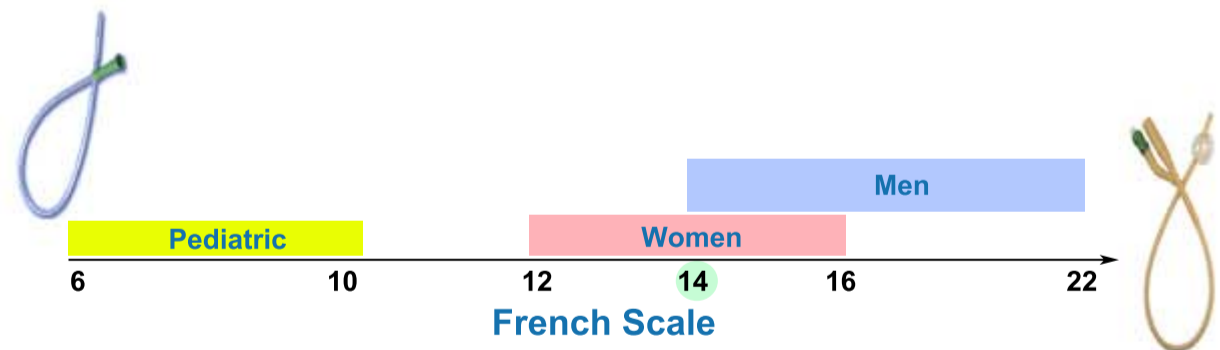
- Foley catheters are indwelling catheters held in place in the bladder by an inflatable balloon.
- 2 Way Foley catheters are the most common that have drainage and inflation.
- 3 Way Foley catheters have an additional port for irrigation.
- Typical balloon sizes range from 5 cc to 30 cc.



Types of Catheter Tips

- Straight Tip Catheters are the standard tip and most used tip. (HCPCS Code: A4351)
- Coude Tips or Tiemann Tips are useful to by-pass obstructions to the urethra. (HCPCS Code: A4352)
- Olive Tips are used when navigation may be difficult. (HCPCS Code: A4352)
- Introducer Tips allow catheter insertions with low risk of UTI infections. (HCPCS Code A4353)

Catheter Sizing Continuum



- Catheters sizes measured in French scale.
- Pediatric sizes 6 to 10 French.
- Women sizes 12 to 16 French.
- Men sizes 14 to 22 French.
- 14 French is the most common size.

	6 French, 1.98 mm / 0.078 inch
	8 French, 2.64 mm / 0.104 inch
	10 French, 3.34 mm / 0.13 inch
	12 French, 4 mm / 0.16 inch
	14 French, 4.7 mm / 0.185 inch
	16 French, 5.3 mm / 0.21 inch
	18 French, 6 mm / 0.24 inch
	20 French, 6.7 mm / 0.265 inch
	22 French, 7.4 mm / 0.295 inch

French Units are used to measure the outside diameter of a catheter.

One French Unit / 1 French (Fr)

1 Fr = 0.33 mm
1 Fr = 0.013 inch

Catheter UTI Risk Continuum



- Indwelling catheters pose the greatest risk for Urinary Tract Infections (UTI)
- UTI risks increase by 5% for each day the catheter remains in place. (nursingtimes.net)