



# Standards Procedure (Skill) Universal Section

## Urinary Catheterization

Agency Name:		SATISFACTORY <input type="checkbox"/>
Provider Name:	Paramedic	
Instructor Name:	EMT AEMT Paramedic Physician	UNSATISFACTORY <input type="checkbox"/>

### **Instructor:**

1. Evaluate providers skill performance using the check off list below.

2. Circle performance indicator.

YES = Provider completed skill with no assistance from instructor.

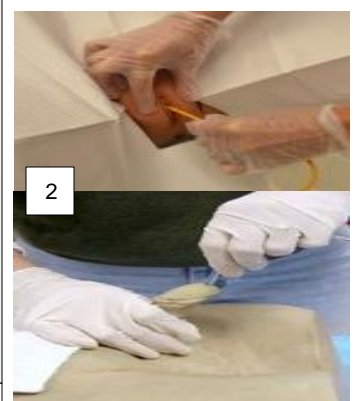
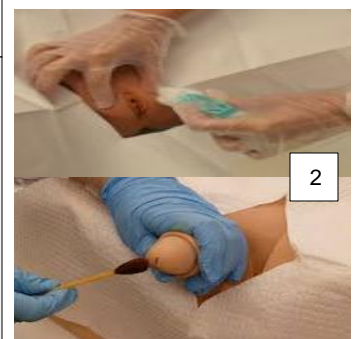
NO = Provider unable to complete skill satisfactorily following instructor intervention.

IL = Provider able to complete skill satisfactorily following Instructor Led (teaching) intervention.

**Satisfactory performance indicated with  $\geq 12$  YES / IL completions. (Combination of both YES and IL)**

<b>P</b>	<b>Paramedic</b>	<b>P</b>
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YES	NO	IL	<b><u>Verbalizes indications for urinary catheterization:</u></b> 1. Monitoring patient's fluid state and/or response to therapy during transport 2. Collection of urine sample for laboratory analysis 3. Maintaining and monitoring chronic indwelling urinary catheter
YES	NO	IL	<b><u>Verbalizes contraindications for urinary catheterization:</u></b> 1. Suspected or known trauma to the abdomen, pelvis, or genitalia 2. Grossly bloody urine 3. Pediatric patient
YES	NO	IL	<b><u>Prepare patient and explain the procedure:</u></b> 1. Explain procedure to patient and the need for sterility 2. Ensure privacy and good lighting 3. Use a chaperone for assistance and observation regardless of age or gender
YES	NO	IL	<b><u>Assemble appropriate equipment:</u></b> 1. Use or pre-packaged commercial kit is recommended containing: Sterile gloves, sterile lubricant, sterile water Forceps, cotton balls, and cleansing pads Urinary catheter and collection bag Male catheter size: 14 – 16 Fr. Female catheter size: 12 – 14 Fr.
YES	NO	IL	<b><u>Insertion of urinary catheter:</u></b> 1. Wash hands before and after procedure with soap/water or alcohol-based product 2. Open urinary catheter kit maintaining sterility of contents 3. Don sterile gloves and arrange kit contents for efficient use 4. Attach sterile water syringe to catheter balloon, inflate with 10 mL, and deflate while checking for leaks 5. Attach urinary catheter to collection bag and clamp port 6. Apply drapes to patient in sterile fashion 7. Using your non-dominant hand expose the urinary meatus, hand remains in place until catheter is placed with urine flow and is now unsterile Female: spread the labia apart Male: Retract foreskin exposing entire glans and hold penis straight and perpendicular to the trunk 8. Using your dominant hand, clean the meatus with Betadine, circling out from the male meatus and top to bottom in female 10. Lubricate the catheter tip with sterile lubricant 11. Gently place the catheter tip into the urinary meatus and advance slowly until you have flow of urine, then advance an additional 2 inches Stop immediately if you feel resistance and cannot advance the catheter 12. Inflate the catheter balloon with 10 mL of sterile water and place gently traction on the catheter by withdrawing until you feel resistance. 13. Place the collection bag in a dependent condition relative to the genitalia and secure the catheter to the abdomen or thigh with device supplied
YES	NO	IL	<b><u>Patient care report documentation requirements:</u></b> 1. Time of insertion, volume of urine obtained on placement, and total volume at end of call 2. Any complications noted



### **Instructor notes:**



# Urinary Catheterization

## Clinical Information for urinary catheterization

### **Objective of Procedure:**

To introduce or maintain a urinary catheter when urine function has been compromised by illness or surgery.  
To monitor fluid output.

**Scope of Practice:** Paramedic

### **Indications:**

Monitoring patient's fluid state and/or response to therapy during transport  
Collection of urine sample for laboratory analysis  
Maintaining and monitoring chronic indwelling urinary catheter

### **Contraindications:**

Suspected or known trauma to the abdomen, pelvis, or genitalia  
Grossly bloody urine  
Pediatric patient

### **Clinical Presentation:**

Medical illness requiring assessment of urine output due to ongoing therapy  
Chronic indwelling catheter in urethral, condom, or suprapubic location

### **Potential Complications:**

Trauma to urethra and/or bladder  
Urinary infection and/or sepsis  
Bodily fluid exposure

### **Positioning Considerations:**

Prone to head of bed elevated to about 30°  
Male: Lower extremities can be extended  
Female: Lower extremities with knees bent and elevated and abducted

### **Procedure references:**

1. Ortega R, Ng L, Sekhar Pavan, et al. (2008, April 3). Female Urethral Catheterization. Retrieved from <https://www.nejm.org/doi/full/10.1056/nejmvcm0706671>
2. Thomsen TW, Setnik GS. (2006, May 25 ). Male Urethral Catheterization. Retrieved from <https://www.nejm.org/doi/full/10.1056/nejmvcm054648>.