

skyscape

SkillsHub Learn-Track-Quiz

PRESENTED BY:

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Our Speaker



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Agenda

- SkillsHub app Overview
- Content development
- SkillsHub for
 - Learning
 - Tracking
 - Assessing
- Control
- Skills Editing / Authoring



SkillsHub Overview

READY, SET, SUCCEED



Content Development

EVIDENCE-BASED

Skills Content Development

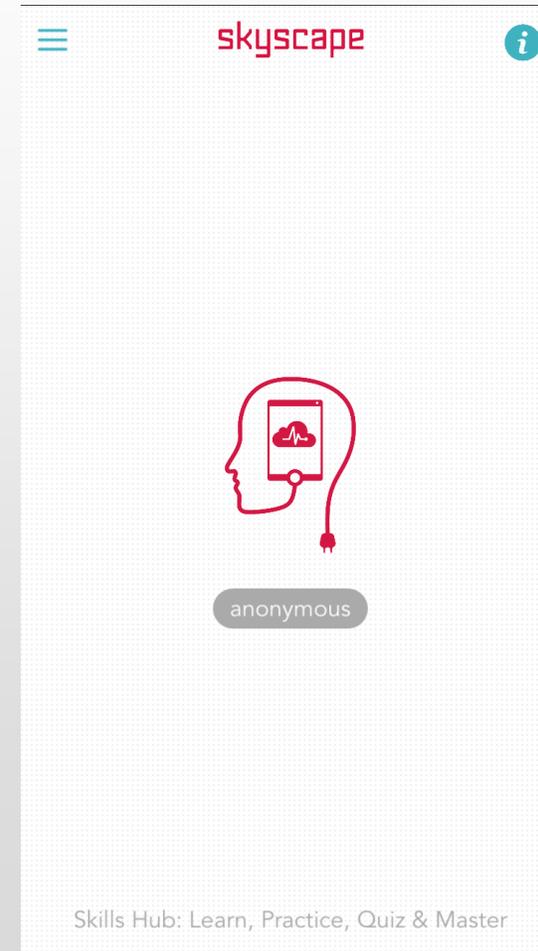
- Exploration of current practice from evidence-based resources.
 - Clinical Focused Journals
 - Professional Organizations
 - White Papers of Best Practices

Skills Content Development

- **Linked skills to national and internationally know resources for health care delivery (Center for Disease Control, National Institutes of Health, Infusion Nurses Society, etc.)**
- **Built skills based on critical elements of competency.**
- **Skill steps structured around QSEN competencies**

SkillsHub

- Learn
- Track
- Quiz (Assess)



Learn, Track, Assess

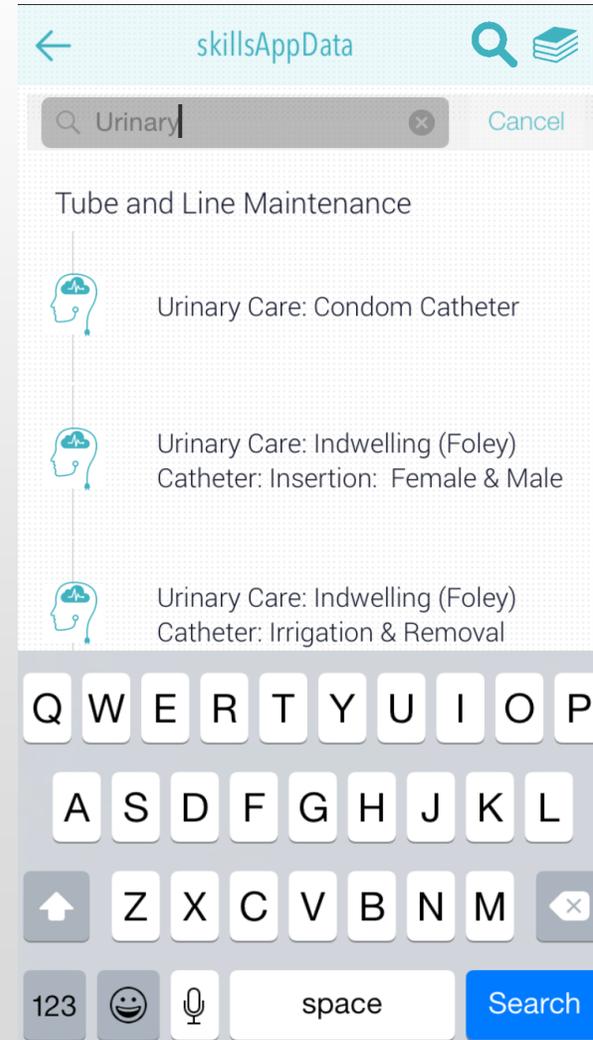
Learn

- Sections view



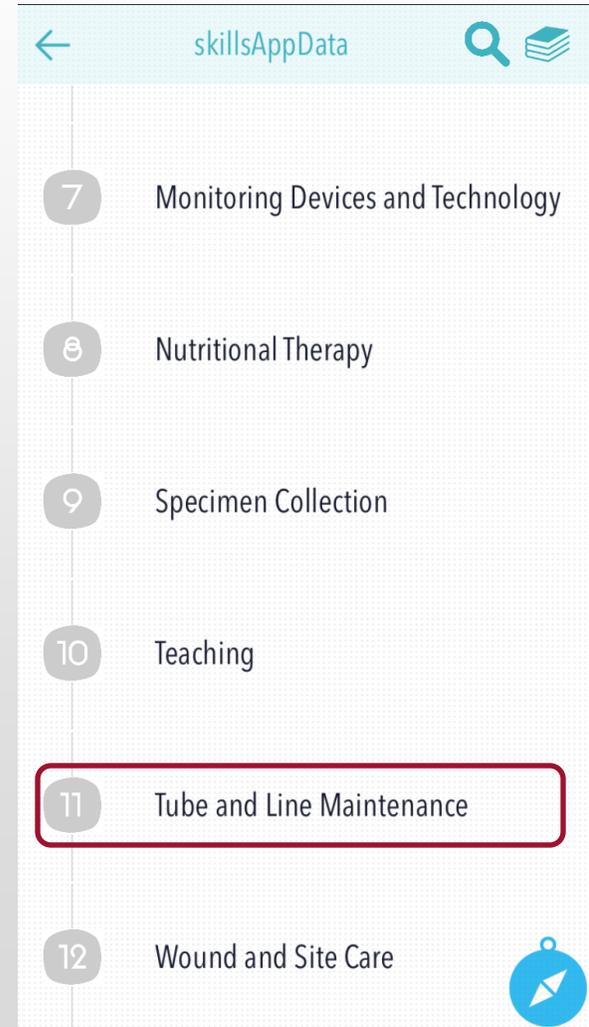
Learn

- Search by Key Word



Learn

- Learn



Learn

- Learn

← Tube and Line Maintenance 🔍

-  Chest Tube: Set-up, Measurements, Management
-  Tracheostomy Care: Dressing Change
-  Intravenous Therapy: Central Venous Access Device: Flushing &
-  Intravenous Therapy: Peripheral Venous Access Device:
-  Intravenous Therapy: Peripheral Venous Access Device: Flushing &
-  Intravenous Therapy: Line Conversion: Infusion to Capped
-  Intravenous Therapy: Line Conversion: Capped Line to
-  Nasogastric: Insertion and Placement



Learn

- Learn

 Tube and Line Maintenance 
 Intravenous Therapy: Central Line: Dressing Change
 Tracheostomy Care: Inner Cannula Change
 Tracheostomy Care: Suctioning
 Wound: Jackson-Pratt
 Urinary Care: Condom Catheter
 Urinary Care: Indwelling (Foley) Catheter: Insertion: Female & Male
 Urinary Care: Indwelling (Foley) Catheter: Irrigation & Removal
 Urinary Care: Intermittent Catheter: Insertion: Female & Male 

Learn

Learn

← Tube and Line Maintenance

URINARY CARE: INDWELLING (FOLEY) CATHETER: INSERTION: FEMALE & MALE

CRITICAL ELEMENTS

- Supplies for sterile procedure should be single-use
- Maintain aseptic technique throughout
- Perform hand hygiene before and after procedure
- Wear clean or sterile gloves
- Verbalized to patient before steps that may cause discomfort

PROCEDURE FOR FEMALES [↔] EXPAND	PROCEDURE FOR MALES [↔] EXPAND
Prior to Treatment: (Critical Thinking) • Assess patients need for treatment • Confirm order • Gather equipment: Foley catheter kit, extra pair of sterile gloves	Prior to Treatment: (Critical Thinking) • Assess patients need for treatment • Confirm order • Gather equipment: Foley catheter kit, extra pair of sterile gloves
Patient Interaction: (Safety) • Patient identifiers • Provide for privacy • Explain procedure • Confirm allergies • Wash hands	Patient Interaction: (Safety) • Patient identifiers • Provide for privacy • Explain procedure • Confirm allergies • Wash hands
Steps of the Procedure (Patient Centered Care; Infection Control) 1. Assist the patient to the proper positioning for convenience and privacy. 2. Apply clean gloves and wash the perineum with soap and water. 3. Remove gloves and wash hands. 4. Organize work area including proper	Steps of the Procedure (Patient Centered Care; Infection Control) 1. Assist the patient to the proper positioning for convenience and privacy. 2. Apply clean gloves and wash the perineum with soap and water. 3. Remove gloves and wash hands. 4. Organize work area including proper lighting, trash can accessibility and overb

skyscape

Learn

- Learn

Evidence-based Resources



← Tube and Line Maintenance before leaving room.	▶ Tube and Line Maintenance before leaving room.
<p>Documentation (Informatics, Communication)</p> <ul style="list-style-type: none">• Size and type, of catheter.• Patient's response to procedure including urinary output.	<p>Documentation (Informatics, Communication)</p> <ul style="list-style-type: none">• Size and type of catheter.• Patient's response to procedure including urinary output.
<p>Resources</p> <ul style="list-style-type: none">• Center for Disease Control• National Institute of Health 	

Learn

- Learn

CDC Home
Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Healthcare Infection Control Practices Advisory Committee (HICPAC)

HICPAC Publications » 2009 CAUTI Guideline

Guideline for Prevention of Catheter-associated Urinary Tract Infections, 2009

2009 CAUTI Guidelines (407 KB / 67 pages) and Appendices (4.41 MB / 268 pages) are available for download in PDF format.

II. Summary of Recommendations

Category IA	A strong recommendation supported by high to moderate quality† evidence suggesting net clinical benefits or harms
Category IB	A strong recommendation supported by low quality evidence suggesting net clinical benefits or harms or an accepted practice (e.g., aseptic technique) supported by low to very low quality evidence
Category IC	A strong recommendation required by state or federal regulation.
Category II	A weak recommendation supported by any quality evidence suggesting a trade off between clinical benefits and harms
No recommendation/unresolved issue	Unresolved issue for which there is low to very low quality evidence with uncertain trade offs between benefits and harms

*Please refer to Methods (p.32) for implications of Category designations
†Please refer to Methods (p. 29-30) for process used to grade quality of evidence

I. Appropriate Urinary Catheter Use

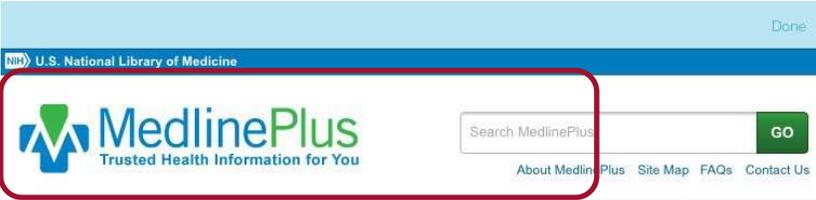
A. Insert catheters only for appropriate indications (see Table 2 for guidance), and leave in place only as long as needed. **(Category IB)** (Key Questions 1B and 2C)

1. Minimize urinary catheter use and duration of use in all patients, particularly those at higher risk for CAUTI or mortality from catheterization such as women, the elderly, and patients with impaired immunity. **(Category IB)** (Key Questions 1B and 1C)
2. Avoid use of urinary catheters in patients and nursing home residents for management of incontinence. **(Category IB)** (Key Question 1A)
 - a. Further research is needed on periodic (e.g., nighttime) use of external catheters (e.g., condom catheters) in incontinent patients or residents and the use of catheters to prevent skin breakdown. **(No recommendation/unresolved issue)** (Key Question 1A)
3. Use urinary catheters in operative patients only as necessary, rather than routinely. **(Category IB)** (Key Question 1A)
4. For operative patients who have an indication for an indwelling catheter, remove the catheter as soon as possible postoperatively, preferably within 24 hours, unless there are appropriate indications for continued use. **(Category IB)** (Key Questions 2A and 2C)

Table 2. A. Examples of Appropriate Indications for Indwelling Urethral Catheter Use 1-4

Learn

- Learn



The screenshot shows the MedlinePlus website interface. At the top, there is a blue header with the U.S. National Library of Medicine logo and the text "MedlinePlus Trusted Health Information for You". A search bar is located to the right of the logo, with a "GO" button. Below the header, there is a navigation menu with links for "Health Topics", "Drugs & Supplements", "Videos & Tools", and "Español". The main content area is titled "Indwelling catheter care" and includes a brief description of the procedure, a section titled "What to Expect at Home", and a section titled "Cleaning Your Skin" with a list of supplies. On the right side, there are three boxes: "Related MedlinePlus Health Topics" with links to "After Surgery", "Bladder Diseases", "Spinal Cord Injuries", "Urethral Disorders", "Urinary Incontinence", and "Urine and Urination"; "Read More" with links to "Radical prostatectomy", "Stress incontinence", "Transurethral resection of the prostate", "Urge incontinence", and "Urinary incontinence"; and "Patient Instructions" with links to "Prostate resection - minimally invasive - discharge", "Sterile technique", and "Transurethral resection of the prostate - discharge".

U.S. National Library of Medicine

MedlinePlus
Trusted Health Information for You

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Health Topics Drugs & Supplements Videos & Tools Español

Home → Medical Encyclopedia → Indwelling catheter care

Indwelling catheter care

You have an indwelling catheter (tube) in your bladder. "Indwelling" means inside your body. This catheter drains urine from your bladder into a bag outside your body. Common reasons to have an indwelling catheter are urinary incontinence (leakage), urinary retention (not being able to urinate), surgery that made this catheter necessary, or another health problem.

What to Expect at Home

You will need to make sure your indwelling catheter is working properly. You will also need to know how to clean the tube and the area where it attaches to your body so that you do not get an infection or skin irritation. Make catheter and skin care part of your daily routine.

Avoid physical activity for a week or two after your catheter is placed in your bladder.

Cleaning Your Skin

You will need these supplies for cleaning your skin around your catheter and for cleaning your catheter:

- 2 clean washcloths
- 2 clean hand towels
- Mild soap
- Warm water
- A clean container or sink

Follow these skin care guidelines once a day, every day, or more often if needed:

Related MedlinePlus Health Topics

- After Surgery
- Bladder Diseases
- Spinal Cord Injuries
- Urethral Disorders
- Urinary Incontinence
- Urine and Urination

Read More

- Radical prostatectomy
- Stress incontinence
- Transurethral resection of the prostate
- Urge incontinence
- Urinary incontinence

Patient Instructions

- Prostate resection - minimally invasive - discharge
- Sterile technique
- Transurethral resection of the prostate - discharge

Learn

- Learn

Skill Video Link

The screenshot shows a mobile application interface for 'Tube and Line Maintenance'. At the top, there is a header bar with a back arrow on the left and a video icon on the right. Below the header, the text reads 'PRIMARY CARE: INDWELLING (FOLEY) CATHETER: SECTION: FEMALE & MALE'. Underneath, there is a section titled 'CRITICAL ELEMENTS' with a list of instructions: 'Supplies for sterile procedure should be single-use', 'Maintain aseptic technique throughout', 'Perform hand hygiene before and after procedure', 'Wear clean or sterile gloves', and 'Verbalized to patient before steps that may cause discomfort'. At the bottom, there are two buttons: 'PROCEDURE FOR FEMALES' and 'PROCEDURE FOR MALES', each with an expand icon and the word 'EXPAND' below it. A compass icon is visible in the bottom right corner of the application screen.

Learn

- Learn



More Options

← Tube and Line Maintenance 

PRIMARY CARE: INDWELLING (FOLEY) CATHETER:
SECTION: FEMALE & MALE



CRITICAL ELEMENTS

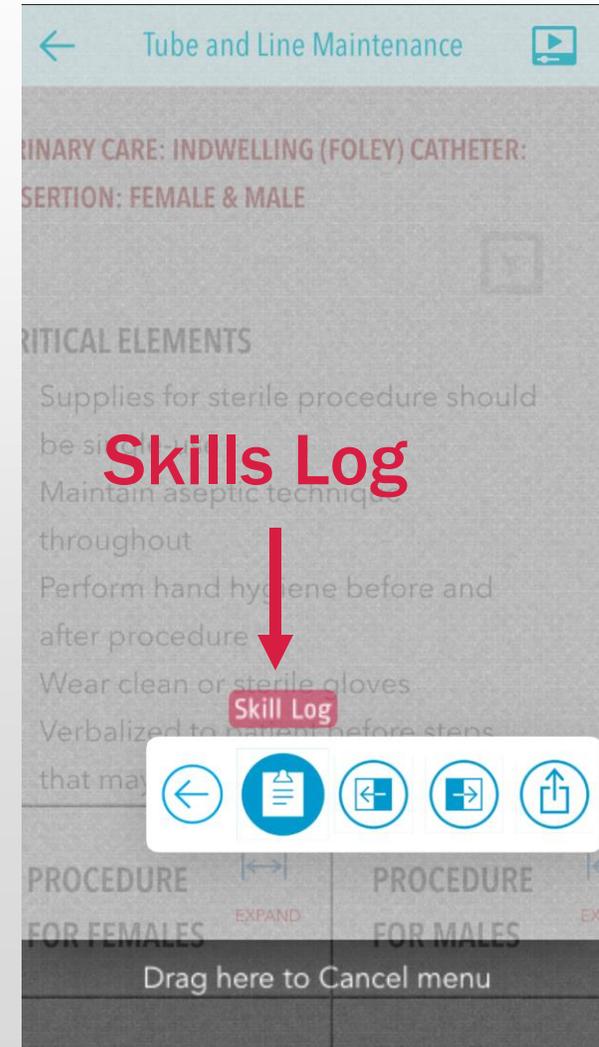
- Supplies for sterile procedure should be single-use
- Maintain aseptic technique throughout
- Perform hand hygiene before and after procedure
- Wear clean or sterile gloves
- Verbalized to patient before steps that may cause discomfort

PROCEDURE FOR FEMALES  EXPAND	PROCEDURE FOR MALES  EXP.
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More Options

Track



Tracking/Logging

SKILL LOG ✕

LEARN PRACTICE QUIZ

Urinary Care: Indwelling (Foley)
Catheter: Insertion: Female & Male

COMFORTABLE WITH YOUR KNOWLEDGE?
Mark it appropriately

Instructor Sign Off

Not yet



SKILL LOG ✕

LEARN PRACTICE QUIZ

Urinary Care: Indwelling (Foley)
Catheter: Insertion: Female & Male

HAVE YOU PRACTICED THIS SKILL? Mark
"Yes" appropriately for the Lab & Clinic

Instructor Sign Off

Not yet Not yet

Lab Clinic



SKILL LOG ✕

LEARN PRACTICE QUIZ

Urinary Care: Indwelling (Foley)
Catheter: Insertion: Female & Male

HOW WELL DO YOU KNOW? The following
questions will help you test your
understanding

Instructor Sign Off

Question Attempt Status

1 2 3 4 5

Reset



Report

- Track
 - Learning
 - Practice
 - Quiz

●●○○ AT&T 12:51 AM 38%

Learn Practice Assess

Airway and Oxygen

Chest Physiotherapy	✗	<input type="checkbox"/>							
Incentive Spirometry	<input type="checkbox"/>								
Oxygen Delivery: Mask & Nasal Prongs	✗	✗	<input type="checkbox"/>						
Suctioning: Oral & Nasal	<input type="checkbox"/>								
Suctioning: Endotracheal	<input type="checkbox"/>								

Assessment

Developmental	✗	✗	✗	✗	<input type="checkbox"/>				
Mental Health: Abuse & Withdrawal	✗	<input type="checkbox"/>							
Pain	✗	<input type="checkbox"/>							
Physical: Abdominal	<input type="checkbox"/>								
Physical: Cardiac & Peripheral Vascular	<input type="checkbox"/>								
Physical: Musculoskeletal	<input type="checkbox"/>								
Physical: Neurological	<input type="checkbox"/>								
Physical: Pulmonary	<input type="checkbox"/>								



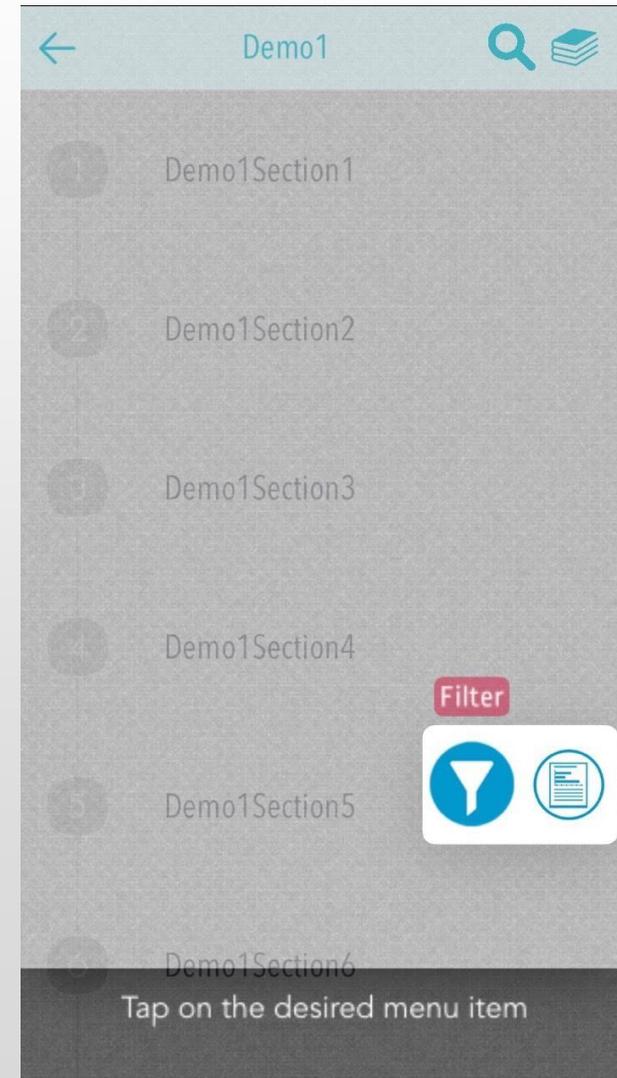
Assess - Skills

- Faculty can sign-off
- Enter pre assigned code
- Select proficiency from drop-down
- Add comments

The screenshot displays the 'SKILL LOG' interface on a mobile device. At the top, there are three tabs: 'LEARN', 'PRACTICE' (which is selected), and 'QUIZ'. Below the tabs, the skill title 'Urinary Care: Indwelling (Foley)' and its details 'Catheter: Insertion: Female & Male' are visible. A dropdown menu is open, showing a search bar with the text 'Select Proficiency' and a list of proficiency levels: 'Excellent', 'Good', 'Satisfactory', and 'Poor'. A 'Done' button is located at the bottom left of the dropdown menu. The background of the app is a dark red color.

Filters and Reports

- Filters and Reports



Assess - Quiz

- Quiz/Assess

The screenshot shows a teal-colored interface for a 'SKILL LOG'. At the top right is a close button (X). Below the title are three tabs: 'LEARN', 'PRACTICE', and 'QUIZ', with 'QUIZ' being the active tab. The main heading is 'Urinary Care: Indwelling (Foley) Catheter: Insertion: Female & Male'. Below this, a sub-heading asks 'HOW WELL DO YOU KNOW? The following questions will help you test your understanding'. There is an 'Instructor Sign Off' button and a 'Question Attempt Status' section. At the bottom, there are five numbered circles (1-5) representing question attempts, each with a white circle above it. A 'Reset' button is located at the bottom center, and a faint background image of a Foley catheter is visible.

Assess - Quiz

- Tracks if the student selects the correct answer on first attempt
- All questions include rationale for the correct answer

← touches the catheter with her inner thigh. Urinary Care: Indwelling (Foley) Catheter... What should the nurse's next action be?

A Ask the client to turn on the call light to have someone bring a new catheter.

B Ask the client to lie still and continue with the procedure.

C Inspect the catheter for signs of contamination.

D Remove and discard the catheter and kit getting a new one to start over.

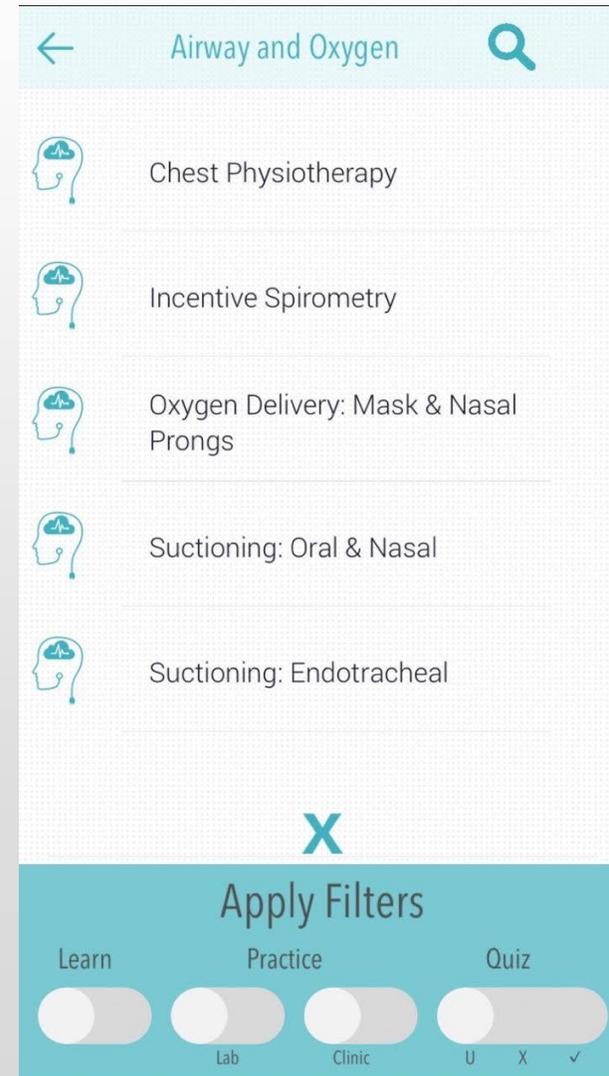
The correct answer is A

RATIONALE : Since just the catheter was potentially contaminated, only the catheter needs to be replaced. The nurse performing the procedure is wearing sterile gloves and cannot get a replacement catheter. Continuing with the procedure

← Check →

Control

- Apply filters and control student access



Your Content in SkillsHub

BUILD IT THE WAY YOU LIKE

Skills Content Development by You

- Complete the standardized template

Prerequisite Skills:

Critical Element Criteria:

Critical Elements

Procedure

Prior to Treatment: (Critical Thinking)

Patient Interaction: (Safety)

Steps of the Procedure: (Safety)

After Procedure (Patient Centered Care)

Documentation (Informatics, Communication)

Video:

Resources:

Skills Content Development by You

Prerequisite Skills:
Pulmonary Assessment

Critical Element Criteria:

Students must meet criteria of Critical Elements to safely perform the skill based on evidence-based-practice. Score can be pass/fail, letter grade or point assignment. Only acceptable score for Critical Elements is 100%

Critical Elements

- Safe positioning of patient
- CPT completed over ribs only, not below the ribs or over the stomach
- Percussion follows order for location and length of time

Procedure

Prior to Treatment: (Critical Thinking)

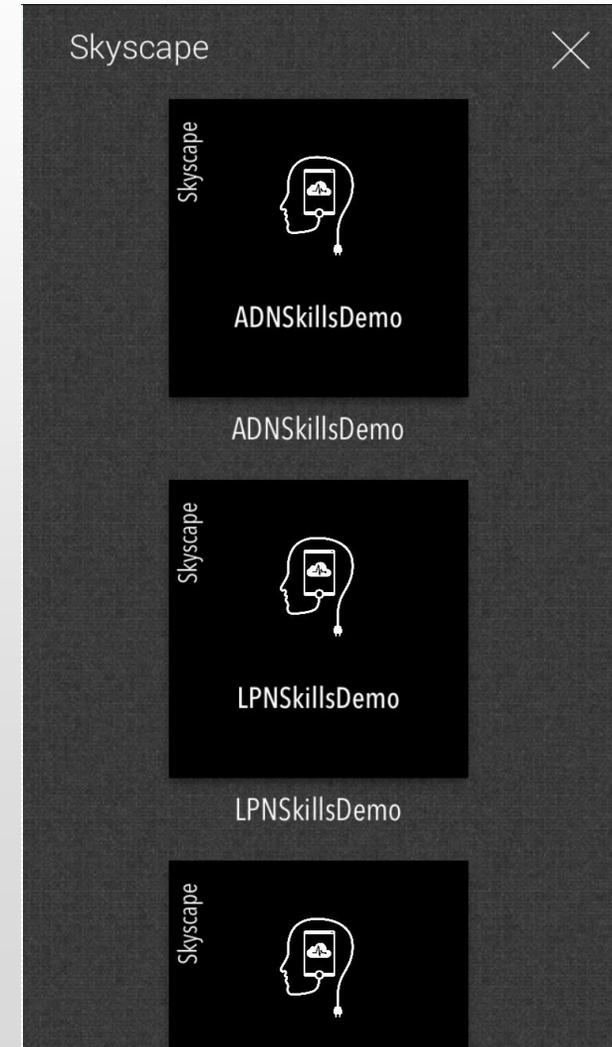
- Assess patients need for treatment
- Confirm order
- Consider completing procedure before meals or at least 1-2 hours after a meal; consider best results in early morning and at bedtime
- Consider administration of Small Volume Nebulizer or Metered Dose Inhaler prior to procedure
- Administer pain medication if needed
- Gather appropriate equipment: Pillows, table or bed for proper and comfortable positioning, hand or percussor, clock or timer, tissues or sputum cup

Patient Interaction: (Safety)

- Patient identifiers
- Provide for privacy
- Wash hands
- Explain procedure
- Educate patient about reporting discomfort

Modules

- **Divide Skills into module**
 - By course
 - By level



Q & A

- Questions?

Skyscape



Publish



Skills



Share



Skyscape Galaxy



Play



Track



Test

Learn More
www.skyscape.com/groups

Thank You

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