Behind the Mask:

Fundamentals of Device & Process Rounding

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Meet our Subject Matter Experts



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Terry Micheels MSN, RN, CIC, FAPIC

Terry is a Masters-prepared registered nurse with 29 years' experience as an Infection Preventionist in acute care settings. Fourteen of her 29 years involved managing IPC programs for community- and academic multi-hospital systems, including outpatient and ambulatory services. She has been certified in Infection Control since 2009 and is a Fellow in APIC. She is currently an IPC Consultant. She has multiple publications and has presented at National Annual APIC Conferences, national IPC webinars and multiple regional conferences.



Lori Snyder-Sloan MSN, RN, CIC

Lori is a Master's-prepared nurse with additional education and a degree in the education of adults and has 42years of experience in Infection Prevention and hospital safety. Much of her career has been spent in the acute care setting, but she also has experience in various roles in the long-term care setting. Lori has worked as a frontline Infection Preventionist as well as in leadership within a large hospital system, including the mentoring of many novices in Infection Prevention. Currently she works as a consultant and has a specialty in surveillance of infection and is passionate about facilitating the growth of new leaders into this profession.





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IPC Device & Process Rounding Objectives





















Preparing to Round	13, 15	FIRSTLINE WINMC Medicine
Familiarize yourself with the topic & best practices	 Read literature & guidelines APIC text, webinars Shadow specialists Review facility policies & procedures 	
Determine your rounding approach	- Announced or unannounced - Covert/Overt	
Prepare Nursing Leaders Discuss Accountability	 Philosophy of improving patient care Shared? Or IP primary? Clinician primary? Sharing feedback 	
Develop your tools & scope	 Innovate website, APIC/CDC tools Combine device + hand hygiene? 	















Vascular Access Device- Insertion



Insertion Bundle	PATIENT #1	PATIENT #2
Type of line (circle)	(PICC, RIJ, LIJ, Rt SVC, Lt SVC, Rt fem, Lt fem, Port, HD catheter)	(PICC, RIJ, LIJ, Rt SVC, Lt SVC, Rt fem, Lt fem, Port, HD catheter)
erform a time-out using consent form	□Yes □No	□Yes □No
land hygiene before donning gloves	□Yes □No	□Yes □No
Wear caps, masks, sterile gown/gloves, and eye protection if in contact with or crossing the sterile field at any time during the procedure. (All others entering the room wear cap and mask)	□Yes □No	□Yes □No
Site prepped with CHG	□Yes □No	□Yes □No
Patient draped head-to-toe w/ sterile drape	□Yes □No	□Yes □No
Catheter pre-flushed and clamped	□Yes □No	□Yes □No
Patient in Trendelenburg position unless contraindicated	□Yes □No	□Yes □No
Sterile field maintained	□Yes □No	□Yes □No
Guidewire is grasped throughout procedure and removed post procedure	□Yes □No	□Yes □No
Blood is aspirated from each lumen; sterile caps are flushed and applied	□Yes □No	□Yes □No
Venous placement is ensured (e.g. use of ultrasound)	□Yes □No	□Yes □No
Site is cleaned with CHG	□Yes □No	□Yes □No
Sterile dressing and caps are applied	□Yes □No	□Yes □No
	# correct practices (ves)	# of observations

Vascular Access Device Maintenance

Unit: Observer:		Date:		
Maintenance Bundle	PATIENT #1	PATIENT #2	PATIENT #3	PATIENT #4
Type of line (circle)	(PICC, RJ, LJ, Rt SVC, Lt SVC, Rt fem, Lt fem, Port, HD catheter)	(PICC, RU, LU, Rt SVC, Lt SVC, Rt fem, Lt fem, Port, HD catheter)	(PICC, RIJ, LIJ, Rt SVC, Lt SVC, Rt fem, Lt fem, Port, HD catheter)	(PICC, RIJ, LIJ, Rt SVC, Lt SVC, Rt fem, Lt fen Port, HD catheter)
OBSERVATION: DRESSING				
Dressing adhesive intact over catheter insertion site and drainage contained	Line 1 □Yes □No Line 2 □Yes □No	Line 1 GYes GNo Line 2 GYes GNo	Line 1 □Yes □No Line 2 □Yes □No	Line 1 □Yes □No Line 2 □Yes □No
Labeled with date/time/initial	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Changed or new in the last 7 days	□Yes □No	□Yes □No	□Yes □No	□Yes □No
CHG placement is correct	Yes No	□Yes □No	PYes No	□Yes □No
Catheter is secured to reduce movement or tension	Yes No	□Yes □No	□Yes □No	□Yes □No
OBSERVATION: ADMINISTRATION SET				
Date/time sticker present	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Inactive port(s) capped	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Connector, injection port cleaned before accessing catheter (CHG or 70% alcohol)	□Yes □No	□Yes □No	□Yes □No	□Yes □No
OBSERVATION: HANDS/PPE				
Hand hygiene conducted and gloves applied prior to performing procedure or assessment	□Yes □No	□Yes □No	□Yes □No	□Yes □No
DOCUMENTATION				
CHG bathing daily	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Site assessment each shift	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Reason for continuing line is documented & meets criteria	□Yes □No	□Yes □No	□Yes □No	□Yes □No
	# correct practices (yes)	# of observations	Adherence % (total # correc observations)	t practices ÷ total # of
Policy for Tubing Change: Standard: No more frequent than q 96 hr or if con Intermittent: q 24 hours	taminated • With standar • When drawin	less Connector Change: d tubing change ng blood cultures	Policy for Dressing Every 7 da Port need	Change: ys & PRN loose or soiled le changed q 7 days

ollow-up questions	;				FIR FIRE	oject RST LINE	V	UNA Neb Mec
Date/time sticker present	□Yes □No		□Yes □No	ΩYe	es ⊡No			
macuve port(s) capped	LITES LINO		LITES LINO	⊡Ye	es ⊡No			
Connector, injection port cleaned before accessing catheter (CHG or 70% alcohol)	□Yes □No	□Yes □No		ΩYe	es ⊡No			
OBSERVATION: HANDS/PPE								
Hand hygiene conducted and gloves applied prior to performing procedure or assessment	□Yes □No		□Yes □No	□Ye	es ⊡No			
DOCUMENTATION								
CHG bathing daily	□Yes □No	□Yes □No		ΩYe	es ⊡No			
Site assessment each shift	□Yes □No	□Yes □No		ΩYe	es ⊡No			
Reason for continuing line is documented & meets criteria	□Yes □No		□Yes □No		es ⊡No			
	# correct practices (yes)		# of observations	Adi	herence servations			
Policy for Tubing Change: Standard: No more frequent than q 96 hr or if co Intermittent: q 24 hours TPN/Lipids: q 24 hours, Propofol q12 hr	ntaminated •	cy for Needlel With standard When drawin Blood cannot	ess Connector Char I tubing change g blood cultures be cleared from co	nge: onnector/damage	Poli	- 		
Unit: Observer:			Date			F\.		

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Urinary Catheter- Insertion

Catheter Insertion	PATIENT 1	PATIENT 2	PATIENT 3	PATIENT 4	PATIENT 5	Comments
DBSERVATION						
land hygiene performed before and after insertion	Yes No	□ Yes □ No	Yes No	Yes No	□ Yes □ No	
Catheter placed using aseptic technique and sterile	Yes No	□ Yes □ No	□ Yes □ No	□ Yes □ No	□ Yes □ No	
Perineum prepared per policy	□ Yes □ No					
Catheter secured properly after insertion	□ Yes □ No	□ Yes □ No	Yes No	□ Yes □ No	□ Yes □ No	
Bag labeled with date of insertion	□ Yes □ No	□ Yes □ No	Yes No	□ Yes □ No	□ Yes □ No	
Aseptic technique used for specimen collection	□ Yes □ No					
DOCUMENTAITON						
leed for catheter is appropriate	Yes No	□ Yes	Yes	Yes No	Yes	

Urinary Catheter- Maintenance



nit: Observer:						Date:
Catheter Maintenance	PATIENT 1	PATIENT 2	PATIENT 3	PATIENT 4	PATIENT 5	Comments
OBSERVATION						
Tamper-evidence seal present	Yes No	□ Yes □ No	Yes No	Yes No	Yes No	
Catheter secured to the patient no traction on the catheter	Yes No	□ Yes	Yes No	Yes No	Yes No	
Unobstructed flow of urine from patient to bag	Ves No	Yes No	Ves No	Yes No	Yes No	
Drainage bag below bladder and off the floor	Yes No	Yes No	Yes No	Yes No	Yes No	
No dependent loops in drainage tubing	Yes No	□ Yes □ No	Yes No	Yes No	Yes No	
Bag labeled with date of insertion	□ Yes					
Hand hygiene before handling the catheter, tubing or	□ Yes			□ Yes		
Aseptic technique used for specimen collection	□ Yes			□ Yes	□ Yes	
DOCUMENTATION						
Need for catheter still appropriate TODAY ? Record which number is the indication in list above.	□ Yes □ No					
Perineal care performed per policy	Yes No	□ Yes □ No	Yes No	Yes No	Yes No	



Mechanical Ventilation- Maintenance

Unit: Observer:		Date:		
Maintenance Bundle	PATIENT #1	PATIENT #2	PATIENT #3	PATIENT #4
OBSERVATION				
Head of bed is positioned at 30-45°	□Yes □No	□Yes □No	⊡Yes ⊡No	□Yes □No
Oral suction equipment stored in a clean area (not on floor or bed) and is covered	⊡Yes ⊡No	⊡Yes ⊡No	⊡Yes ⊡No	⊐Yes ⊐No
Supplies that are marked single use are discarded after each use	⊡Yes ⊐No	⊡Yes ⊐No	⊡Yes ⊡No	⊐Yes ⊐No
Supplies that are approved for multiple use are reprocessed or discarded according to policy	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Oral care with an antiseptic agent is performed per policy	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Hand hygiene is performed, and gloves are donned before providing care	□Yes □No	□Yes □No	⊡Yes ⊡No	⊐Yes ⊐No
After care, gloves are removed, and hand hygiene Is performed before next task.	□Yes □No	□Yes □No	⊡Yes ⊡No	⊡Yes ⊡No
Sterile water is used to rinse reusable respiratory equipment	⊡Yes ⊡No	⊡Yes ⊡No	⊡Yes ⊡No	⊡Yes ⊡No
Condensate in the ventilatory circuit is removed AND tubing is below the mouth	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Intubation kits are appropriately stored in a clean area	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Clean and dirty respiratory equipment are stored in separate areas	⊡Yes ⊡No	⊡Yes ⊐No	⊡Yes ⊡No	⊟Yes ⊟No
DOCUMENTATION (Nursing and RC)				
Daily evaluation of readiness to extubate, pain-control, and maintenance of mechanical ventilation system	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Spontaneous breathing and/or awakening trials were performed	□Yes □No	□Yes □No	□Yes □No	□Yes □No
Subglottic suction per policy	⊡Yes ⊡No	⊡Yes ⊡No	⊡Yes ⊡No	⊡Yes ⊡No
Oral care and trach/ETT care per policy	□Yes □No	□Yes □No	□Yes □No	□Yes □No







EOC Principles – Clean v. Dirty Space









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Principles of Cleaning & Disinfection^{1, 6, 9}











Standard Precautions Assessment of Practice **Injection Safety Quick Observation Tool** CDC Injection Safety: Observation of Centralized Medication Area Seek out situations to observe processes If multi-dose injectable medications are present, is the medication container D No ntained in a dedicated medication preparation space? Hand hygiene Is the medication preparation area free of opened single dose vials or opened single use containers? Environmental cleaning and If open multi-dose vials are present, are they dated and within the Beyond Use Date (BUD) and the manufacturer's expiration period? Yes I No I N/A disinfection Medications are prepared in a clean area free from contamination or contact with 4 blood, body fluids, or contaminated equipment. Appropriate use of PPE Are splash guards installed at sinks that are located close to medication prep 5 Yes D No Injection and medication safety ٠ 6 Are sinks readily accessible to healthcare providers? **Respiratory hygiene** 7 Are hand washing supplies, such as soap, and paper towels, available? Reprocessing reusable medical 8 Are alcohol dispensers readily available, filled, and functioning properly? Ves TOTAL (Total YES and No Only) equipment. Observation Tools Library: https://www.cdc.gov/infection-control/php/tools/index.html; https://ipobservationtools.org/observation-tools-library/



Hand Hygiene Practices

Location of dedicated hand washing sinks

- Observe hand washing technique.
- Is there adequate soap, towel supply?
- Is the hand washing sink used for other purposes?
- Are clean patient supplies within the splash zone?

Purel

Hand Sanitizer locations

- Are there adequate locations?
- Is there adequate supply?
- What is the refill process?
- Is it outdated?

Observe 5 Moments of Hand Hygiene

- Seek 'in room' opportunities
- After doffing gloves

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Transmission-Based Precautions

Assessment of Practice

Monitor performance of persons entering & exiting the patient's room

- Observe Donning & Doffing practices
- Appropriate use of PPE?
- Is hand hygiene performed appropriately?
- Who restocks PPE? How often is it restocked?
- Is equipment cleaning & disinfection adequate?

Are patients transported 'clean' through corridors (no contamination risks)?

- No PPE worn in corridors & clean spaces
- Patient walking? In wheelchair? In bed?
- How is transport equipment disinfected prior to leaving room?







Infographics













Self-Led Infection Control	SLICE E	omains	
Evaluation	Infection Prevention & Control Program	Transmission-based & Standard Precautions	
<u>OLIOF</u>	Hand Hygiene	PPE	
SLICE	Surveillance	CAUTI	
	Injection Safety	CLABSI	
	Environment of Care	VAE	
	Environmental Cleaning	Non-Ventilator Associated Pneumonia	
	Non-Critical Device Reprocessing	SSI	
	Semi-Critical Device Reprocessing	Clostridioides difficile	
	Critical Device Reprocessing		



Resources



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14 NHSN, TAP Report FAQ https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/tapreports_facilities.pdf

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