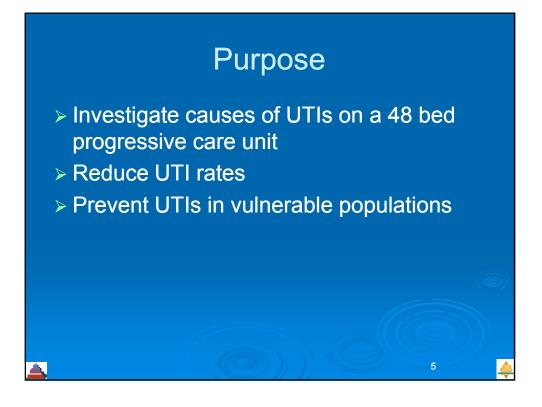


# Objectives

- Discuss the unit based Clinical Nurse (CN) champion role in educating the nursing staff in implementing Evidence Based Practice (EBP) guidelines to decrease urinary tract infections (UTIs).
- Describe tracer methodology and how reviewing the data can decrease UTIs.

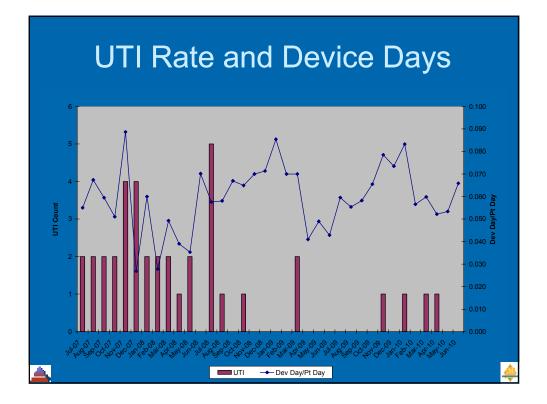
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# Why is This Important?

- > Improvement of nursing care.
  - 25 UTIs in 2008 despite following standard protocol.
- Centers for Medicare and Medicaid (CMS) no longer pay for hospital acquired UTI.
- > Improved patient outcomes

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# **CN** Champion

- Staff RN chosen to attend institutionbased UTI EBP meetings.
- Distribute information from the meetings to the unit staff.
- Discuss current:
  - Study findings
  - Practice changes

# Responsibilities of Unit CN Champion

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Provided on going education to the nursing staff.

• Provided latest evidence and policy implementation.

- Email
- Poster presentation

## Skills verification

- Maintain staff competencies
- > Auditing
  - Relay problems in practice

# Auditing

- The CN champion partnered with the Clinical Nurse Specialist (CNS) to trace all UTIs.
- Determined unit compliance with EBP indwelling urinary catheter protocol.
- > Data points included:
  - Who placed the catheter
  - Catheter dwell time (device days)
  - Peri-care
  - Catheter security

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om	Patient Name and (Male or Female)		ls there a history of BPH?	documentati	has catheter	Urinary Drainage Bag labeled with date?	Size (14 Fr, 16 Fr, other?)	Is catheter secure?	Is seal intact?	ls bag off of	and GI receptacles on opposite	effluent	# of roadtrips?	is bag pelow pladder?	continuous	for insertion (Refer to	RNs name	Any oth IUC issi
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# **Tracer Methodology**

- > Real time data analysis
- > Tracers:
  - Who placed the catheter
  - Catheter dwell time
  - Peri-care
  - Catheter security

### **Original Tracer Tool** Tracer Tool for UTI Infection Patient Label Date: Date of Hospital Admission\_ Date of (your unit) Admission\_ Diagnosis Date of positive Urine Culture\_ \_Organism OSH admission? Name of Inserter Date of Insertion Unit where catheter was inserted Was prep witnessed Breach in technique observed\_ LOS of Catheter (when UTI culture sent) Daily documentation of peri-care\_ Diarrhea documented at any time (dates) Overall state of patient hygiene Excellent Fair Good Poor Was patient transport used at any point prior to UTI? Leg band or strap in use? Broken seal noted? Measurement containers dated and labeled? Any confusion and pulling noted?

Epidural used?

Symptom? Fever\_

Symptomatic UTI/Asymptomatic UTI

Multiple straight catheters at any time? Size of catheter if not standard 14 Fr\_\_\_\_

other

Date of Procedure	Patient	Notes	Organism	LOS IUC	
7/3 Female	XXXX XXXXX	6/27 IUC placed by J L CICU and culture sent was negative. 7/3 culture sent and was +. Patient with hematuria	Klebsiella pneumoniae	6	-
7/8 female	XXXX XXXXX	Patient st cath q 6 hours. OR st. cath patient but use the word IUC. Cultures sent and were positive	Klebsiella oxytoca		-
7/10 male	XXXX XXXXX	SD placed IUC in EPS.	e coli	< 24	-
7/11 male	XXXX XXXXX	7/1 IUC inserted pt complained of pain, 7/2 new IUC placed by SM both in CCU. 7/9 to CICU. Culture sent 7/11	klebsiella	8	-
7/14 male	XXXX	LN placed IUC in EPS.	e coli	< 24	-
7/15 female	XXXX XXXXX	7/7 IUC placed in ED PD. Pt with vag discharge. Pt to CICU and then CCU. + culture sent 7/15	E coli	8	-
7/15 female	XXXX XXXXX	Place 3/7 OSH. 7/10 to CICU and 7/11 culture sent, + enterococcus. 7/12 IUC d/c and 7/14 new IUC placed by DP CICU. 7/15 to CCU culture sent + klebsiella and enterococcus	klebsiella	1 but 4 prior	
8/27	XXXX XXXXX	LN placed IUC in EPS. E coli in blood stream	E Coli	<24	

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# **Tracer Significance**

- Tracer methodology exposed the patient populations most vulnerable to suffer UTIs.
  - Formed partnership with the nursing team placing the indwelling urinary catheters (IUCs) and implemented EBP guidelines in this area.
    - IUCs emptied prior to transport.
    - IUCs remained below the stretcher on transport.
- > UA's sent on all patients admitted to the unit with a preexisting IUC.

