



CATHETER ASSOCIATED-UTI

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OUTLINE

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- * Definitions
- * Pathogenesis
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Background

- UTI is the most common type of healthcare-associated infections
- 80% of these infections attributed to an indwelling urinary catheter
- Leading cause of secondary BSI
- Increased cost & excess length of stay 2-4 days
- Unnecessary antimicrobial use

Infect Control Hosp Epidemiol 2010;31:319-26

Prevalence

- US :
 - > 560,000 nosocomial UTIs annually
 - rate of CA-UTI : 3.3 per 1000 catheter days
- KCMH, pediatric dep. : 5.8 per 1000 catheter days

Definitions

IDSA 2010	CDC 2009
<p>CA-UTI :- UTI in patients with indwelling urethral, indwelling suprapubic, or intermittent catheterization or has been removed within the previous 48 hrs.</p> <p>- present of $\geq 10^3$ cfu/ml of ≥ 1 bacterial species in single catheter urine specimen or in a midstream voided specimen.</p>	