
CBE ID

3690

Title

Inappropriate diagnosis of urinary tract infection (UTI) in hospitalized medical patients;
Abbreviated form: Inappropriate diagnosis of UTI

Project

Patient Safety

Endorsement Status

Endorsed

Is Under Review

No

Next Maintenance Cycle

Fall 2027

Previous Endorsement Cycle

Spring 2022

Initial Endorsement

Mon, 12/12/2022 - 00:00

Steward

University of Michigan

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Single Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

The inappropriate diagnosis of UTI in hospitalized medical patients (or “Inappropriate Diagnosis of UTI”) measure is a process measure that evaluates the annual proportion of hospitalized adult medical patients treated for UTI who do not meet diagnostic criteria for UTI (thus are inappropriately diagnosed and overtreated).

1.7 Measure Type

Process

1.8 Level of Analysis

Facility

1.9 Care Setting

Inpatient/Hospital

1.14 Numerator

The measure quantifies adult, hospitalized medical patients inappropriately diagnosed with UTI. Here, inappropriate diagnosis is defined as patients treated with antibiotics for UTI who do not meet diagnostic criteria for UTI. Patients were considered inappropriately diagnosed if they received antibiotic therapy for a UTI but did not have at least one sign or symptom of a UTI.

1.20 Types of Data Sources

Electronic Health Data, Electronic Health Records, Other

6.1.2 Current or Planned Use(s)

Measure Currently in Use, Payment Program, Professional Certification or Recognition Program, Public Health/Disease Surveillance, Public Reporting, Quality Improvement (Internal to the specific organization), Quality Improvement with Benchmarking (external benchmarking to multiple organizations)

6.1.3 Current Use(s)

Payment Program, Quality Improvement with Benchmarking (external benchmarking to multiple organizations)

Exclusions

Exclusion Criteria:

- Left against medical advice or refused medical care
- Admitted on hospice
- Pregnant or breastfeeding
- Spinal cord injury
- UTI-related complication (e.g., perinephric abscess)
 - Operationalized as >14 days of antibiotics at discharge

Measure Disclaimer

N/A

Planned Use

Measure Currently in Use, Payment Program, Professional Certification or Recognition Program, Public Health/Disease Surveillance, Public Reporting, Quality Improvement (Internal to the specific organization), Quality Improvement with Benchmarking (external benchmarking to multiple organizations)

Risk Adjustment

No risk adjustment or risk stratification

Target Population

Adults (Age \geq 18), Elderly (Age \geq 65)

Steward Organization

University of Michigan

Steward POC email

ashwing@med.umich.edu