

Urinalysis Contamination Rate Project

Presented by:

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Project History

- March 2023 – identified elevated UA contamination rate during quarterly Antibiotic Stewardship meeting
 - Industry average is 15%
- March/April 2023 – education with clinic MA's
 - CCMS collection instructions – home and at clinic/lab
 - Appropriate container for urine specimens
 - Educate patients on the use of standing orders
- December 2023 – Double reflex test for UA's approved and implemented

Infection Prevention/Clinical Education

- Education
 - CCMS collection instructions – home and at clinic/lab
 - Appropriate container for urine specimens
 - Educate patients on the use of standing orders
 - Clinical Orientation/Skills Days
- Reports by location/provider/specialty

Lab

December 2023 – Double reflex test for UA's approved and implemented as primary UA order.

- Urine Dipstick 1st step Reflex to Microscopic when any of the following occur:
 - Protein \geq 1+
 - Blood \geq 1+
 - Nitrite = Positive
 - Leukocyte esterase > trace
- Microscopic 2nd step Reflex to culture when any of the following and Epithelial cells are <5/HPF.
 - Leukocyte esterase > trace
 - WBC \geq 5/HPF
 - Nitrite = Positive
 - Bacteria \geq 1+
 - RBC = Too Numerous to Count

Started setting timers to ensure that the specimen is processed within 1 hour of receipt or placed urine in the refrigerator to maintain sample integrity.

Data Review

