**Survey on Appropriate Use of Urinalysis and Urine Culture in Hospitalized Patients to Diagnose Urinary Tract Infection**

**The HMC Antimicrobial Stewardship Team is rolling out an educational intervention to (1) help guide thoughtful ordering of urinalysis and urine cultures and (2) to improve recognition of when antibiotics are needed. This is an anonymous survey that will help us understand current practices, and it will be used for QI work. Thank you!**

1. What is your role?

a. R1

b. R2

c. Medical Student

d. Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Are you taking this survey before or after the educational intervention?

a. Before

b. After

3. What is your primary specialty?

a. Medicine

b. Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. A 92 year-old woman is admitted for CHF exacerbation. On HOD #2, she develops new altered mental status with waxing and waning attention. She is afebrile and has stable vitals. What is your next step?

a. Send a urinalysis with reflex culture as part of her initial workup for delirium

b. Address possible dehydration, polypharmacy, and other causes of altered mental status

c. Both A & B

5. In which of the following scenarios should you check a UA/urine culture in a catheterized patient?

a. Cloudy urine

b. Malodorous urine

c. Urine sediment in the Foley bag

d. All of the above

e. None of the above

6. In which of the following scenarios should you send a UA/urine culture in a non-catheterized patient? SELECT ALL THAT APPLY

a. Patient denies urinary symptoms but has new leukocytosis > 15,000

b. Patient denies urinary symptoms but has new fever to 38.5

c. Patient denies fever but has new dysuria and urinary frequency

d. Patient denies urinary symptoms but has significant pyuria (3+ WBCs) on urinalysis

7. A 75 year-old man is admitted to the hospital for polytrauma after a motor vehicle accident, resulting in multiple fractures. His Foley catheter was removed 3 days ago. After transfer to the floor, he is febrile to 39.5 and complains of a new cough. You go to the bedside to evaluate him. His vitals are stable. What is your next step?

a. Pan-culture with UA/reflex urine culture, blood culture, sputum culture, and CXR

b. Stepwise testing based on symptoms (first order sputum culture, blood cultures, and CXR, then further workup as needed)

8. A 65-yo man is admitted with stroke. UA was sent in the ED as part of his admission order set. He had no signs of infection on presentation. His urine culture is now growing >100,000 CFU E. coli. What is your next step?

a. Start empiric antibiotics and follow sensitivities

b. Observe

**Correct Answers**

4. B

5. E

6. C

7. B

8. B