

When and How to Treat UTI Section 1: When to Treat



UTI Toolkit – Module 4a

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Should I Test?

• Should I Treat?

How do I Treat?

Should I Change/Modify?

How Long do I Treat?



Should I Test?

• Should I Treat?

How do I Treat?

Should I Change/Modify?

How Long do I Treat?



Should I Test? See Module 3 • Should I Treat? How do I Treat? Should I Change/Modify? How Long do I Treat?



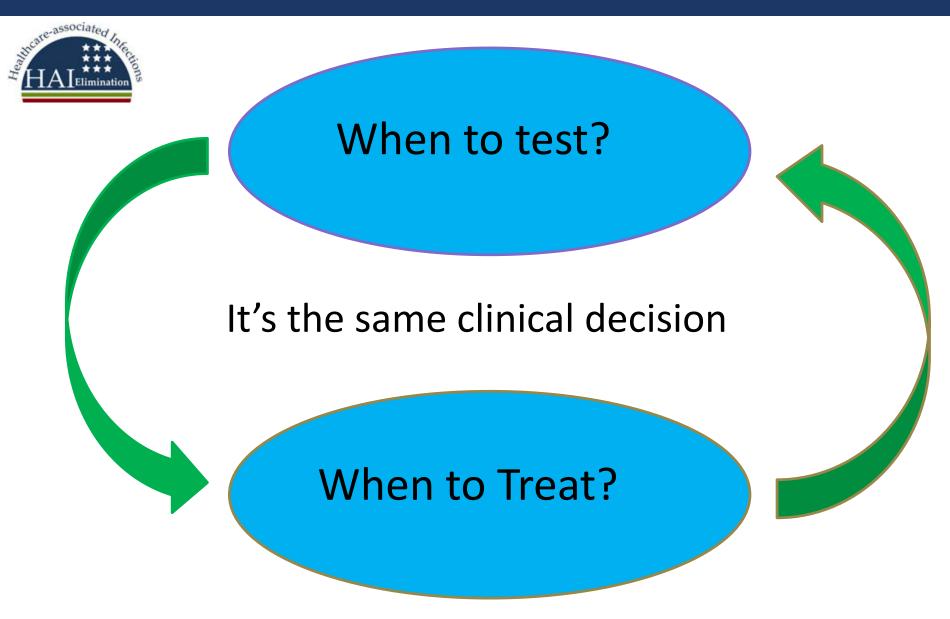
Should I Test?

• Should I Treat?

How do I Treat?

Should I Change/Modify?

How Long do I Treat?





NO SYMPTOMS OF UTI

- Don't test or culture the urine
- Don't treat with antibiotics
- Don't treat even if urine tests are abnormal

ISOLATED NON-LOCALIZING SIGNS/SYMPTOMS

- Initiate active monitoring temporary care plan*
- Don't test the urine and don't treat with antibiotics initially
- Consider testing and treatment with antibiotics if symptoms not improving or localizing signs/symptoms develop

LOCALIZING SIGNS/SYMPTOMS

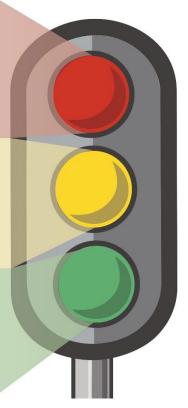
- Test if symptoms are severe or not resolving during monitoring
- Evaluate need for immediate antibiotic therapy and/or transfer to higher level of care if warning signs are present

NON-LOCALIZING SIGNS/SYMPTOMS

- Behavior changes
- Functional decline
- Mental status change
- Falls
- Restlessness
- Fatigue
- "Not being her-himself"

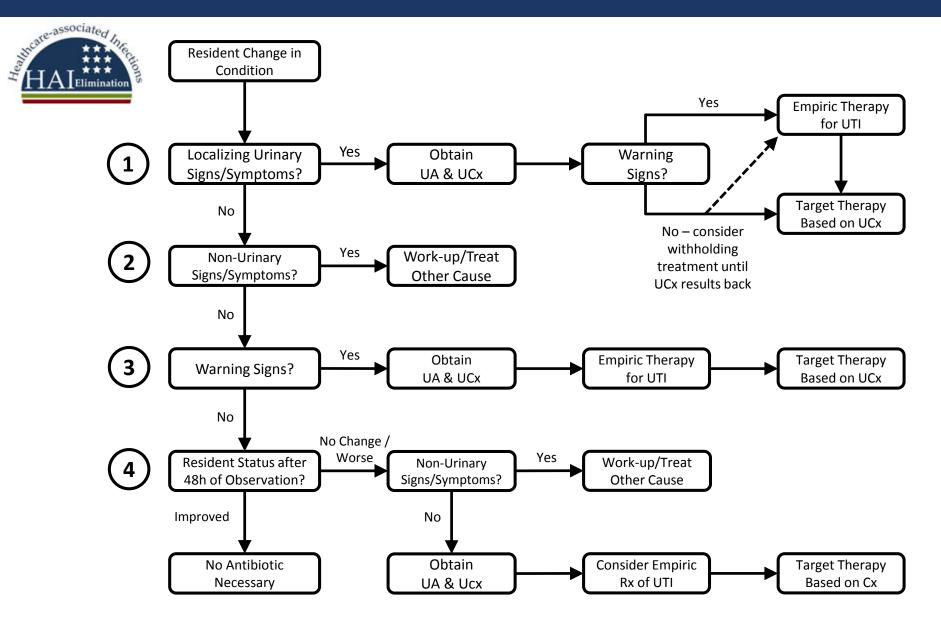
LOCALIZING URINARY SIGNS/SYMPTOMS

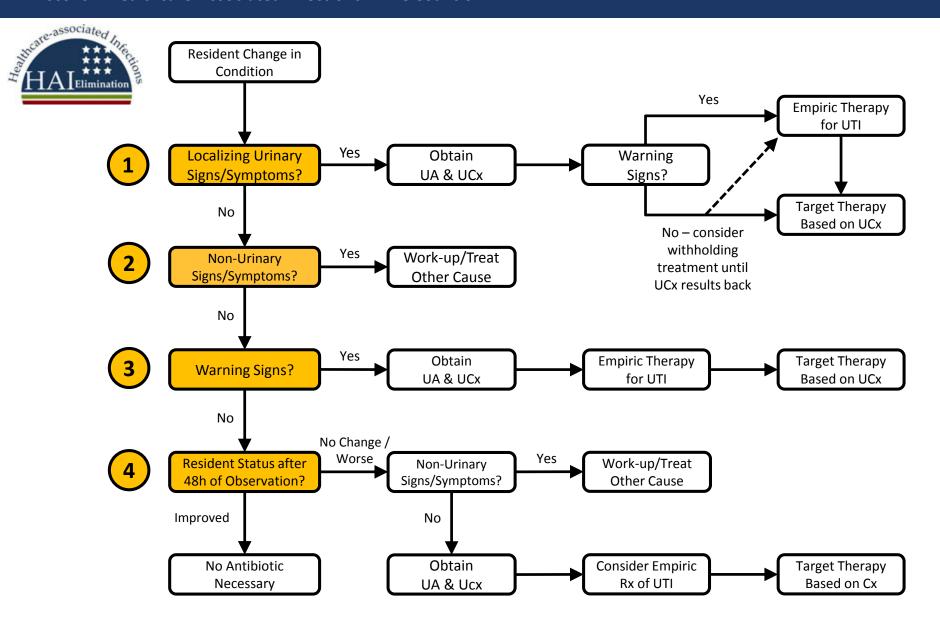
- Acute dysuria
- New or worsening urgency
- New or worsening incontinence
- Gross hematuria
- Suprapubic pain
- · Costovertebral angle pain
- New scrotal/prostate pain
- Urethral purulence

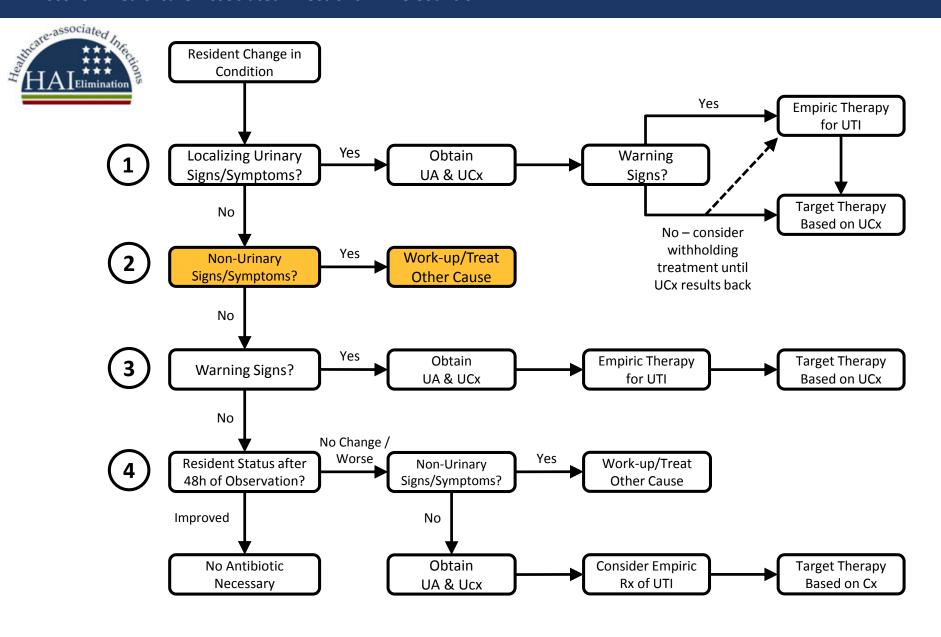


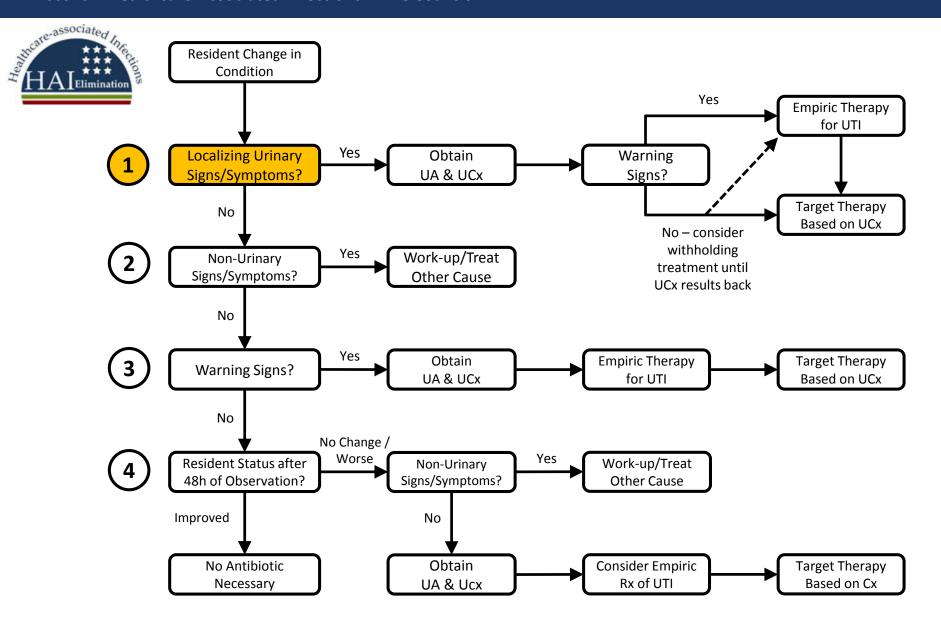
WARNING SIGNS

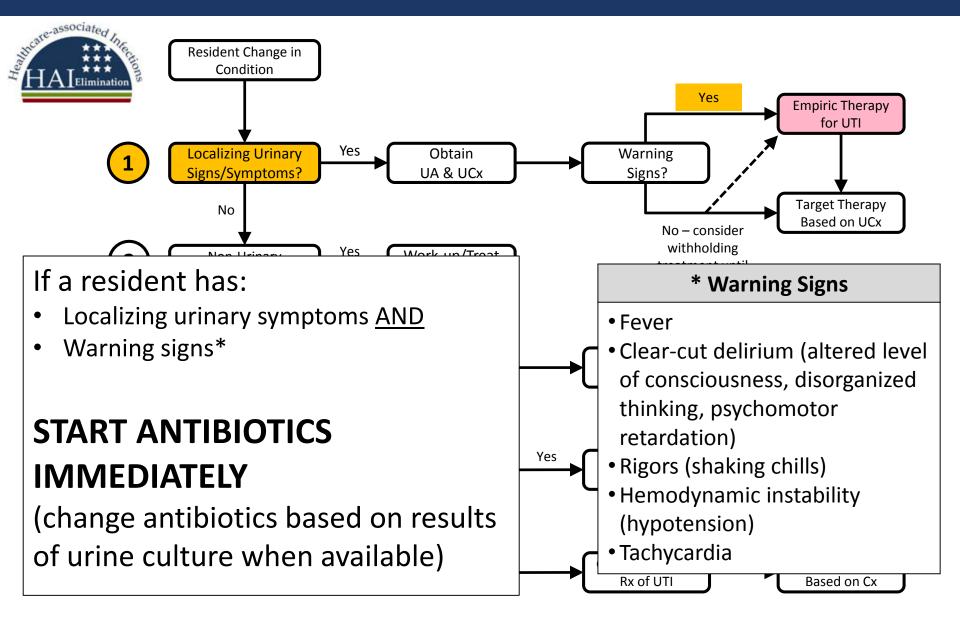
- Fever
- Clear-cut delirium (altered level of consciousness, disorganized thinking, psychomotor retardation)
- Rigors (shaking chills)
- Hemodynamic instability (hypotension)
- Tachycardia

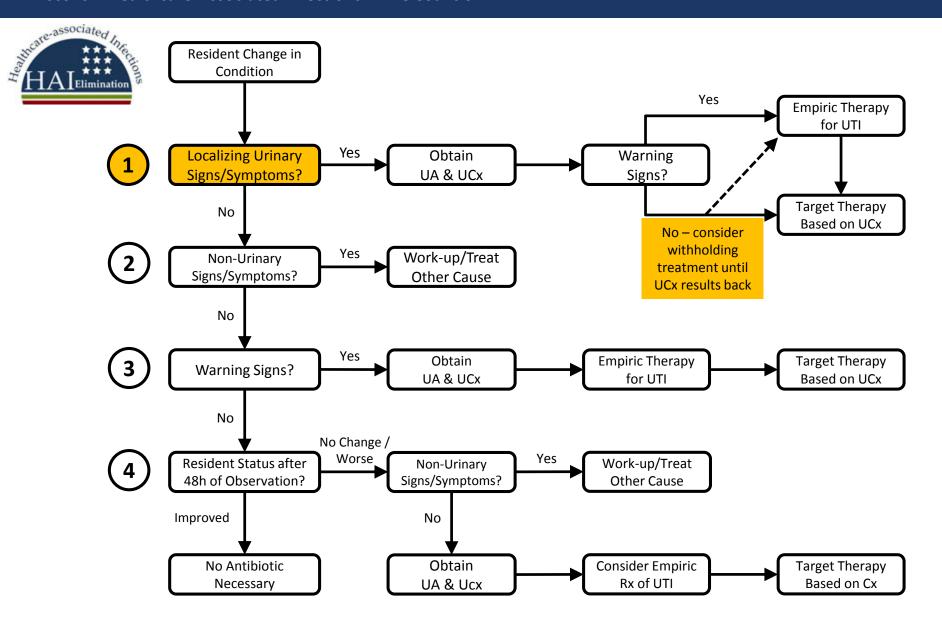


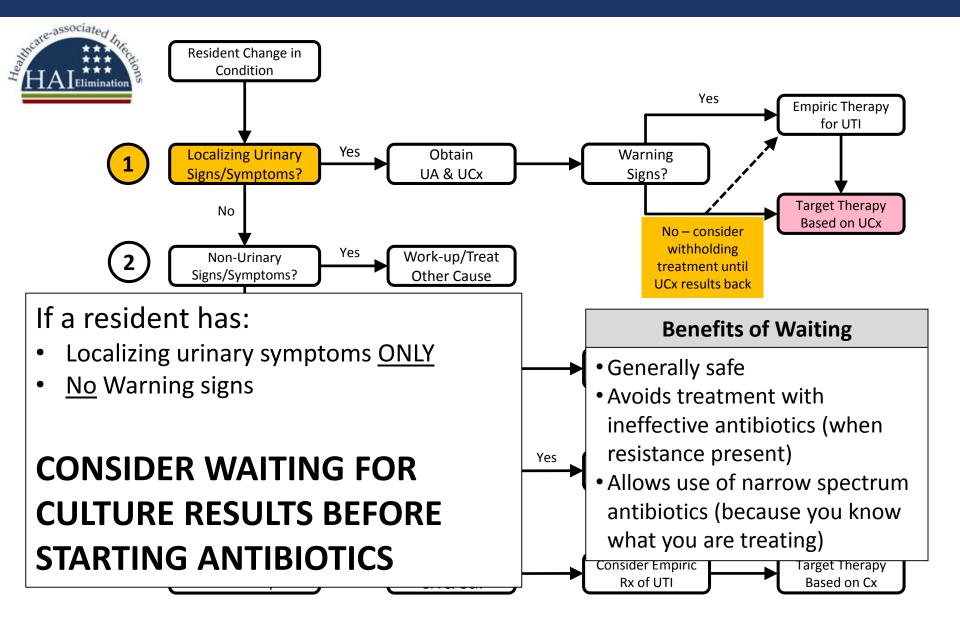


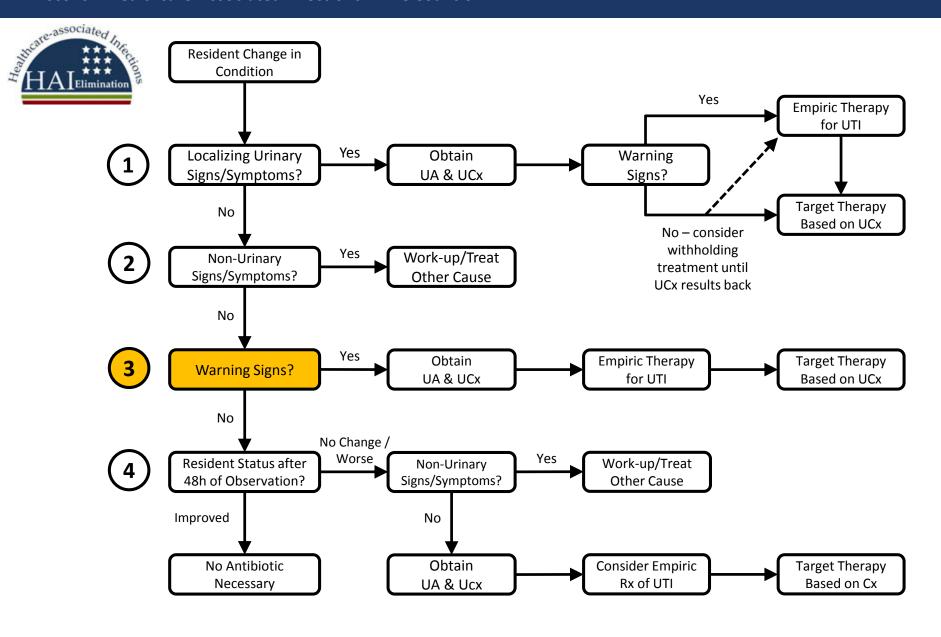


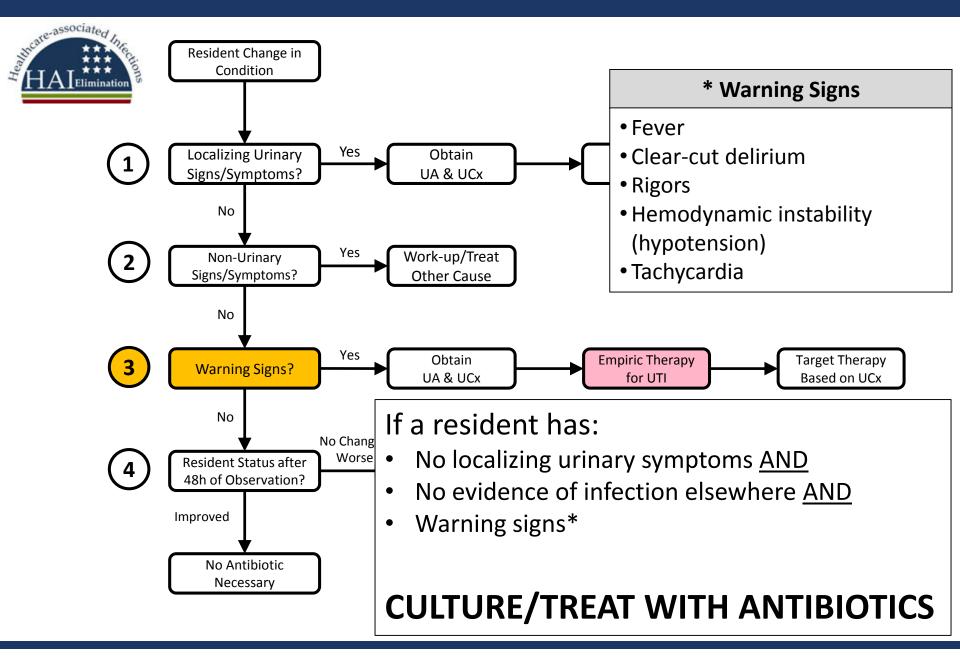


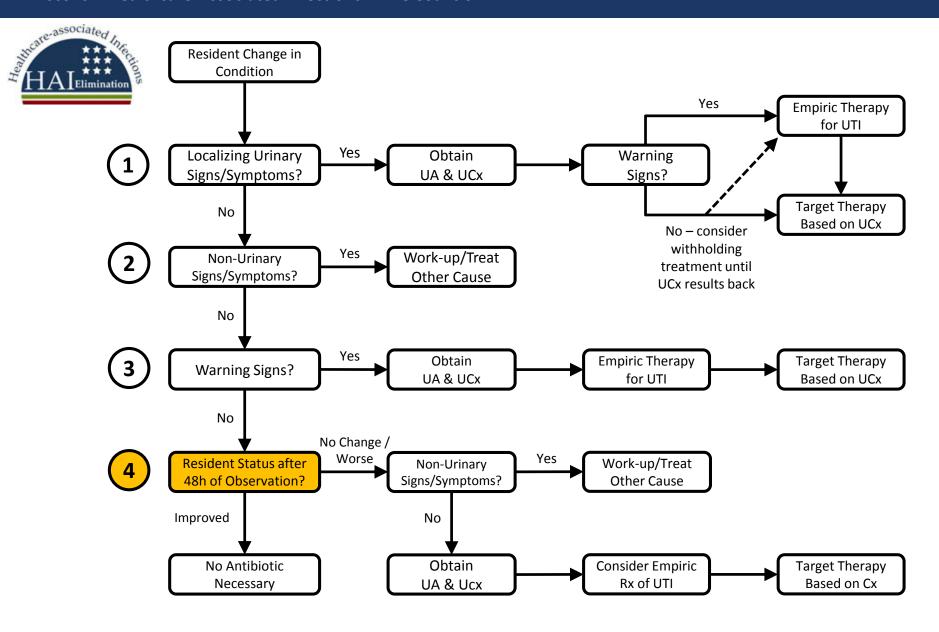














<u>Isolated</u> Non-Localizing Signs/Symptoms = Active Monitoring

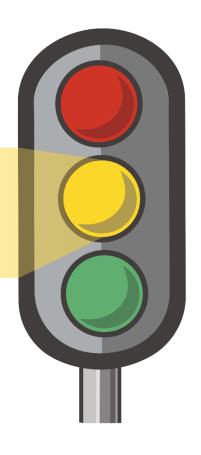
NON-LOCALIZING SIGNS/SYMPTOMS

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- Functional Decline
- Mental Status Changes
- Falls

- Restlessness
- Fatigue
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ISOLATED NON-LOCALIZING SIGNS/SYMPTOMS

- Initiate active monitoring temporary care plan*
- Don't test the urine and don't treat with antibiotics initially
- Consider testing and treatment with antibiotics if symptoms not improving or localizing signs/symptoms develop



^{*} See slide #20 for an example of an active monitoring temporary care plan.



What is an Active Monitoring Temporary Care Plan*

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□ Obtain vital signs (BP, Pulse, Resp Rate, Temp, Pulse Ox) every hours for days.
□ Record fluid intake each shift for days.
□ Notify physician if fluid intake is less than cc daily.
□ Offer resident ounces of water / juice every hours.
□ Notify physician, NP, or PA if condition worsens, or if no improvement in hours.
□ Obtain the following blood work
□ Consult pharmacist to review medication regimen.
□ Contact the physician, NP, PA with an update on the resident's condition on

* Nace DA, Drinka PJ, Crnich CJ. Clinical uncertainties in the approach to LTC residents with possible UTI. *J Am Med Dir Assoc* 2014; 15(2): 133-9. PMID: 24461240

Active	Mor	nito	ring	Tra	ackii	ng F	orm							
Resident Name						_	N	1RN	١					
acility DOB						Room Number								
		Α. '	Warr	in	g Sigi	าร								
Symptoms or Signs	Date			Date				Date						
, , , ,	D	Е	N		D	Е	N		D	E	N			
Fever														
(single temperature 100 F or greater														
or multiple recurrent temperatures of														
99 or greater [MAY SUBSTITUTE														
FACILITY CRITERIA IF THEY EXIST)														
Delirium														
Rigors														
Hypotension														
Tachycardia (elevated heart rate)														
Leukocytosis (WBC >14,000														
cells/mm3 or > 6% bands)														
			ing S	ign			oms							
Symptoms or Signs	Dat	-			Date	_			Date	_	_			
	D	E	N		D	E	N		D	E	N			
Acute dysuria – burning / pain on														
urination														
Gross hematuria														
Suprapubic pain – either reported or														
noted when pressing on abdomen														
New urinary frequency or urgency														
C	Mon	Loca	dizin	- Ci	ans l	Sym	ptom							
Symptoms or Signs	Dat		111/2111)	50	Date		PLOII	13	Date					
of mercing of signs	D E N			D E N				D E N						
Change in behavior	1	_	<u> </u>		<u> </u>	_				_	1			
Functional decline (requires more			_				\vdash							
assistance)														
Mental status change			_											
New fall			<u> </u>											
Restlessness		+	+											
Fatigue/less interactive														
Not her-himself														
Other (specify:)	\vdash	\vdash	\vdash				\vdash							
Other tapectry.	-	-	+				_			-	-			

Evaluate resident for symptoms/signs above each shift. Check appropriate box if present

