



CENTER FOR  
STEWARDSHIP  
IN MEDICINE

September 29, 2022

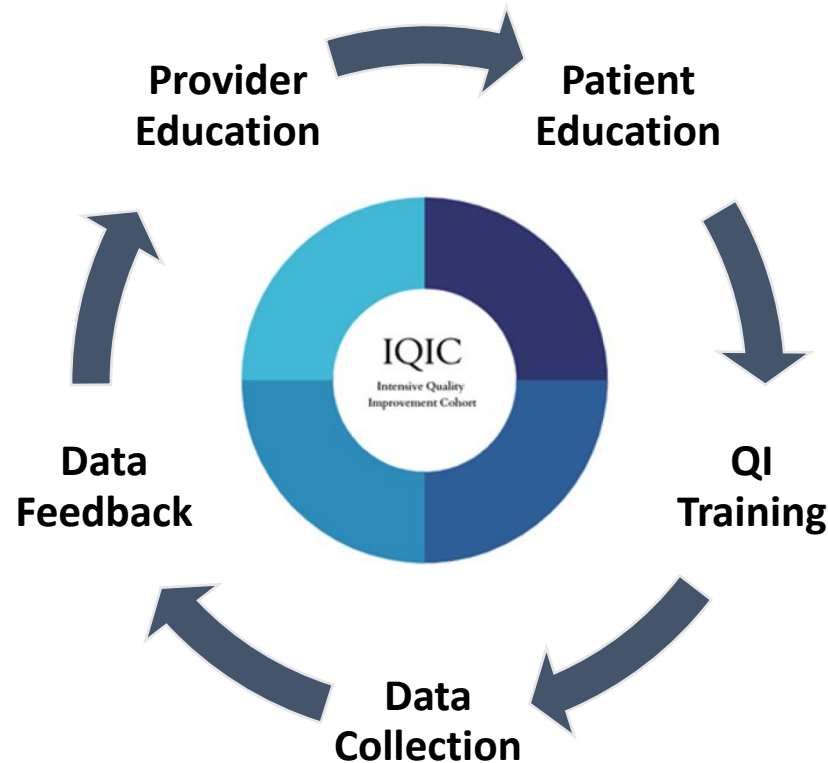
# IQIC 101 Session 1

## Agenda:

- Open house re-cap & data collection survey
- Stewarding ASB – Chloe Bryson-Cahn, MD
- Wrap-up

# Open House Re-Cap

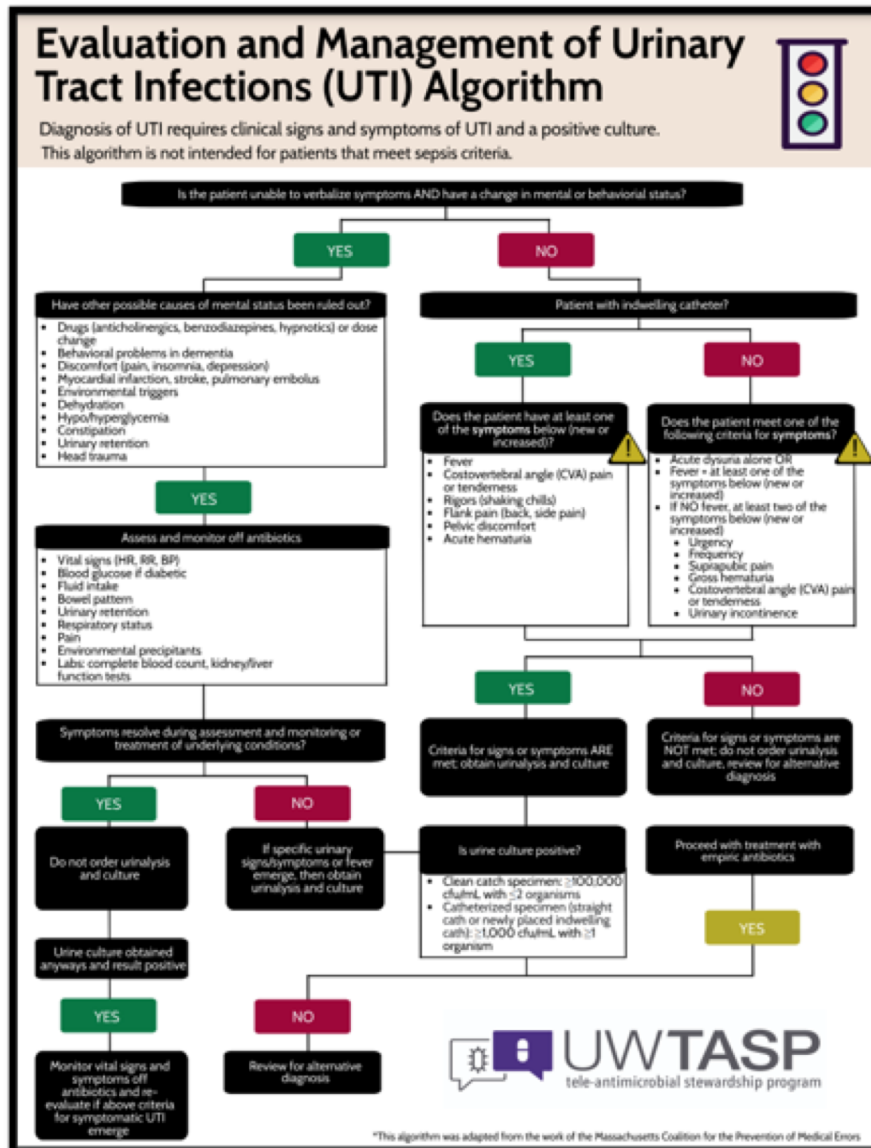
**Goal of cohort:** To locally adapt antimicrobial stewardship strategies and optimize patient care



Utilizing a Multimodal Antimicrobial Stewardship Strategy



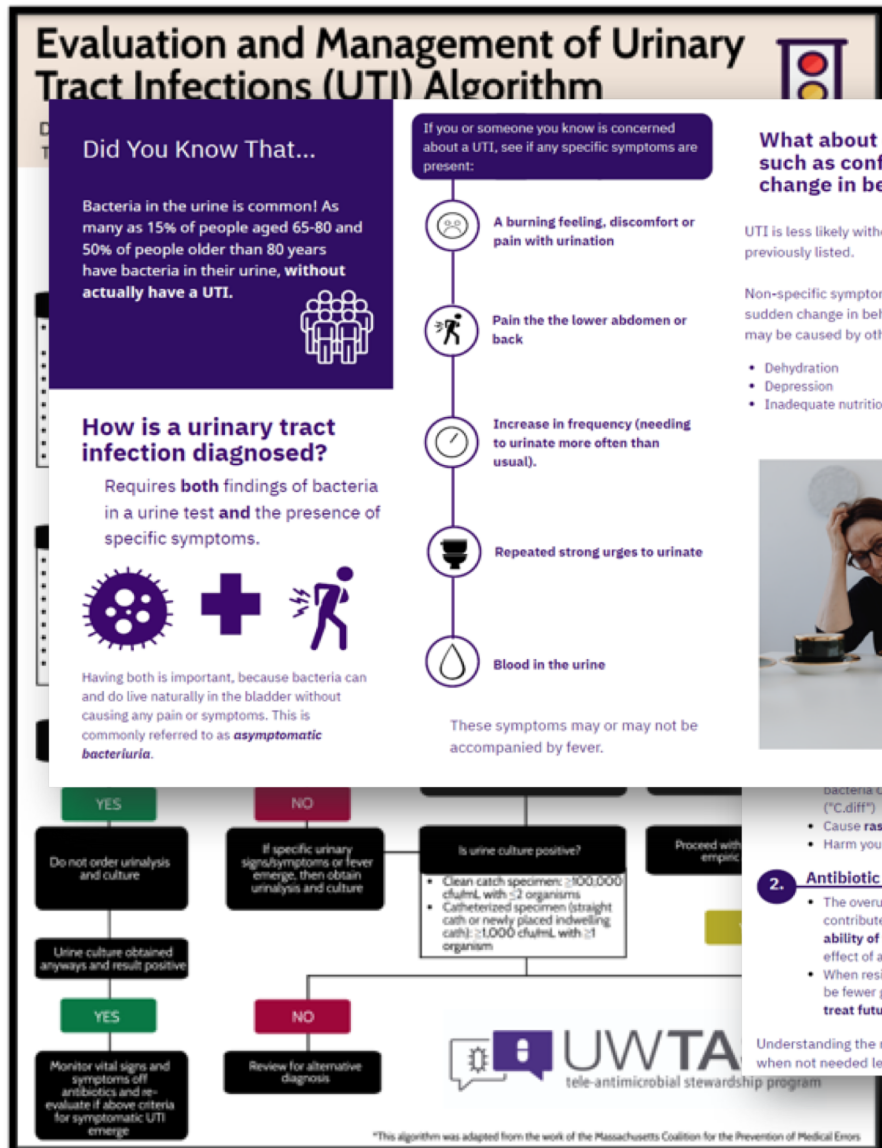
# Provider and Patient Education Tools on Website



CiSM website → Resources → Documents and Links → Category ASB 101



# Provider and Patient Education Tools on Website



## Worried About a Urinary Tract Infection?

**What You Can Do to Help**

Whenever you are prescribed antibiotics, make sure you understand why you need them.

Here are some questions for you or your loved one to ask your doctor:

- Why do I need antibiotics?
- What are common side effects?
- When should I stop the medication?
- What I do if I do not feel better in a few days?

**Other Resources For You:**  
<https://www.cdc.gov/antibiotic-use/uti.html>

\*This brochure was adapted from the work of the Massachusetts Coalition for the Prevention of Medical Errors

**UWTA** tele-antimicrobial stewardship program

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Learn about when an antibiotic is and is not needed.

# Data Collection Results Will Help Identify Opportunities for Future Stewardship Interventions

Data Phase	Case Goal	Progress Goal	Start Date	Last Submission Date
Baseline	≥15 cases	1-2 cases/week <u>or</u> 5 cases/month	10/1/2022	12/31/2022
Intervention	>25 cases	1-2 cases/week <u>or</u> 5 cases/month	1/1/2023	5/31/2023
Post-intervention	<b>*This data phase is <u>optional</u></b>		10/1/2023	



# What data do I collect?

- Urine culture data to identify patient cases
- Submit cases into data collection survey
  - Hospitalization information
  - Demographics
  - Signs and Symptoms of UTI
  - Urine culture data
  - SIRS criteria and/or organ dysfunction
  - Antibiotic selection and duration

**REDCap link: <https://redcap.link/g3h8995c>**

**OR**

**Link from the website**



# Summarized Deliverable Goals



Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
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**Attend 12 monthly didactic sessions**

1	2	3	4	5	6	7	8	9	10	11	12
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**Attend 4 coaching sessions**

1	2	3	4
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**Set a SMART goal**

By February

**Collect data** (on rate of ASB and prescribing practices for ASB)

Baseline Data	Peri-intervention Data
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**Record process in PDSA cycle**

Throughout the year

**Present 5 min final presentation**

1
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# Track your progress!

## Asymptomatic Bacteriuria Intensive Quality Improvement Cohort (ASB IQIC) Report Card 2022-2023

Deliverable					Progress (✓ or X)
Session	Date	Topic(s)			
1	9/29	<ul style="list-style-type: none"><li>• Introduction to Quality Improvement and Application to ASB</li><li>• Stewarding ASB</li></ul>			
2	10/27	<ul style="list-style-type: none"><li>• Behavior Change</li><li>• Trouble-shooting the data</li></ul>			
3	11/17	<ul style="list-style-type: none"><li>• SMART Goals</li><li>• Deeper dive into ASB case(s)</li></ul>			
4	12/15	<ul style="list-style-type: none"><li>• Antibiotic Harms</li><li>• Process Mapping</li></ul>			
5	1/19	<ul style="list-style-type: none"><li>• Behavior Change and Productive Conversations</li><li>• Flexing &amp; reflexing</li></ul>			
6	2/16	<ul style="list-style-type: none"><li>• Reflexing UAs to Urine Cultures: a Pro-Con debate</li></ul>			
7	3/16	<ul style="list-style-type: none"><li>• Project management fundamentals and tools for success</li><li>• PDSA cycles</li></ul>			
8	4/20	<ul style="list-style-type: none"><li>• Re-framing Failure</li><li>• Data show and share</li></ul>			
9	5/18	<ul style="list-style-type: none"><li>• Framing the narrative: telling the story of the data</li></ul>			
10	6/15	<ul style="list-style-type: none"><li>• Review IQIC 101 Prevalence and Treatment of ASB Findings</li></ul>			
11	7/20	<ul style="list-style-type: none"><li>• Final Presentations</li></ul>			
12	8/17	<ul style="list-style-type: none"><li>• Final Presentations</li></ul>			
1) Attend 4 One-on-one Coaching Sessions					
Meeting 1	September – December 2022				
Meeting 2	January – March 2023				
Meeting 3	April – June 2023				
Meeting 4	July – August 2023				
2) Set a Specific, Measurable, and Achievable Goal to Address ASB by February 2023					
3) Collect Data to Identify the Rate of ASB and the Rate of Inappropriately Treating ASB with Antibiotics					
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Intervention	>25 cases	1-2 cases/week or 5 cases/month	1/1/2023	5/31/2023	
Post-Intervention	Optional*		10/1/2023		
4) Record Progress and Next Steps in PDSA Cycle					
5) Present Final Presentation (5 minutes)					



# Wrap-up and Next Steps



# Homework: Plan & Do



- **Set improvement goal**
  - Predict what will happen
  - Plan who, what, when, where, how
- **Sign up for coaching sessions**
  - Email to follow from Maria with link
- **Gather and submit data**

Data Phase	Case Goal	Progress Goal	Start Date	Last Submission Date
Baseline	≥15 cases	1-2 cases/week <u>or</u> 5 cases/month	10/1/2022	12/31/2022



# Scott's Thoughts



**On participating in quality improvement initiatives:**

*"You miss 100% of the shots you don't take." - Michael Scott*

**Next Session: Thursday, October 27**

Behavior Change

Trouble-shooting the Data (send us questions!)



Please complete this quick baseline survey before you go!

<https://redcap.link/rw4f0bcd>

Questions?

whithart@uw.edu

