

# Urinary Tract Infection Symposium Virtual – Teams Webinar



On Thursday, March 14, UPMC will host the Urinary Tract Infection (UTI) Symposium, presented by the UPMC Infectious Diseases Quality Team (ID Quality). This internal learning event will share science and develop best practices at UPMC related to UTI. Speakers will include experts from across the system, including Infection Prevention, Lab, Antimicrobial Stewardship, and Pharmacy. The event also features Dr. Sonali Advani from Duke University School of Medicine, who is an international thought leader in UTI.

## Agenda:

Please note: Each presentation includes a 10-minute question and answer portion at the end.

- 12:00      **Dr. Graham Snyder:** Welcome
  
- 12:05-12:45 **Dr. Tina Khadem:** Asymptomatic Bacteriuria: Truth, Myths and Clinical Blunders
  
- 12:45-1:40 **Dr. Sonali Advani:** Deconstructing the Urinalysis: Unraveling the Mystery of Urine Cultures for the Bedside
  
- 1:40-2:00      **BREAK**
  
- 2:00-2:40      **Amy Delost:** Diagnostic Stewardship of Urine Culture Testing
  
- 2:40-3:30      **Dr. Erin McCreary:** Hot Topics in Treatment
  
- 3:30-4:00      **Dr. Graham Snyder:** Synthesizing Learning: Focus on Healthcare-Associated Infection Reduction
  
- 4:00              **Adjournment**

## Course Objectives:

### Asymptomatic Bacteriuria: Truth, Myths and Clinical Blunders

*Tina Khadem, PharmD*

1. Discuss 2019 asymptomatic bacteriuria guidelines and key points for clinicians
2. Quantify the frequency of asymptomatic bacteriuria in various populations and impact on patient outcomes
3. Identify clinical opportunities for diagnostic stewardship of urine culture testing

### Deconstructing the Urinalysis: Unraveling the Mystery of Urine Cultures for the Bedside

*Sonali Advani, MBBS MPH FIDSA*

1. Describe symptoms ascribed to urinary tract infections versus non-infectious conditions
2. Analyze the urinalysis test, including interpretation for infectious and non-infectious conditions
3. Explain opportunities for improving patient assessment of UTI vs non-UTI

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## Diagnostic Stewardship of Urine Culture Testing

*Amy Delost, MT ASCP*

1. Describe the Urine Infection Test intervention, including purpose, methods, and findings.
2. Review other diagnostic stewardship interventions currently in place at UPMC or described in the literature that can be implemented in the EHR or laboratory

## Hot Topics in Treatment

*Erin McCreary, PharmD, BCPS, BCIDP*

1. Enumerate treatment options for urinary tract infections, including complicated infections defined as catheter-associated urinary tract infections and infections due to multi-drug resistant organisms
2. Consider implications of treatment selection choice on recurrence of urinary tract infection
3. Determine opportunities for transitions of care and outpatient stewardship related to UTI treatment, and any LOS implications

## Synthesizing Learning: Focus on Healthcare-Associated Infection Reduction

*Graham Snyder, MD MS*

1. Highlight salient features of the preceding four talks as they pertain to healthcare-associated infection reduction efforts at UPMC
2. Facilitate Q&A on extended topics related to urine culture diagnostic stewardship and healthcare-associated infection reduction

## Faculty Listing:

### Course Director:

**Graham Snyder, MD, MS:** Senior Medical Director, Infectious Disease Quality and Outcomes, UPMC; Associate Professor, Division of Infectious Diseases, University of Pittsburgh School of Medicine

### Planning Committee:

**Erin K. McCreary, PharmD, BCIDP:** Director of Infectious Diseases Improvement and Clinical Research Innovation, UPMC; Clinical Assistant Professor of Medicine, University of Pittsburgh; President-Elect, Society of Infectious Diseases Pharmacists

**Penelope Schwartz PA-C:** Division of Infectious Diseases, University of Pittsburgh Physicians, UPMC

**Casey Pinto, PhD, FNP-C, AGACNP-C, MPH –** Division of Infectious Diseases, UPMC

**Melissa Borza, MS CCC-SLP -** Project Manager, Infection Prevention, Wolff Center at UPMC

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## Presenters:

**Tina Khadem, PharmD, BCPS:** Clinical Assistant Professor of Medicine, Division of Infectious Diseases, University of Pittsburgh; Pharmacy Director, UPMC Health System Antimicrobial Stewardship; Pharmacy Director, Infectious Disease Connect Inc. Virtual Antimicrobial Stewardship

**Sonali Advani, MBBS, MPH, FIDSA:** Associate Professor of Medicine-Infectious Diseases, Duke University School of Medicine

**Amy Delost, MT (ASCP):** Community Microbiology Manager, Laboratory Service Center

**Erin K. McCreary, PharmD, BCIDP:** Director of Infectious Diseases Improvement and Clinical Research Innovation, UPMC; Clinical Assistant Professor of Medicine, University of Pittsburgh; President-Elect, Society of Infectious Diseases Pharmacists

**Graham Snyder, MD, MS:** Senior Medical Director, Infectious Disease Quality and Outcomes, UPMC; Associate Professor, Division of Infectious Diseases, University of Pittsburgh School of Medicine

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### Physician (CME)

The University of Pittsburgh designates this live activity for a maximum of 3.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Nursing (CNE)

The maximum number of hours awarded for this Continuing Nursing Education activity is 3.5 contact hours.

### Pharmacy (CPE)

This knowledge-based activity provides 3.5 contact hours of continuing pharmacy education credit.

### Physician Assistant (AAPA)

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Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

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*Erin McCreary, PharmD, BCIDP disclosed that she serves as a consultant for Abbvie, Merck, Basilea, Shionogi, Melinta, Ferring, Cidara, Entasis, LabSimply, Pfizer, Sanofi, and GSK. She also serves as a speaker honorarium for non-branded CE content at an ID conference for GSK, Pfizer, Shionogi.*

*Sonali Advani, MBBS, MPH, FIDSA disclosed that she serves as a consultant for GSK, Locus Biosciences, Biomerieux, Sysmex America. She also disclosed a relationship with the CE Speakers' Bureau for GSK.*

*No other members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships with any companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.*

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