

# 2017 Summer Healthcare-Associated Infections (HAI) Workshops

## Healthcare-Associated Infections in Acute Care Settings: *The Path of Least Resistance*

### Dates & Locations

Check-in at all locations starts at 7:30 am. The program begins at 8:00 am and adjourns at 11:30am. The topics are the same for each site.

- **June 7, 2017 – Columbia**  
Primaris, 200 N. Keene St., Suite 101
- **June 21, 2017 – Cape Girardeau**  
Saint Francis Medical Center, 211 Saint Francis Dr.
- **June 28, 2017 – St. Louis**  
Drury Inn & Suites Forest Park, 2111 Sulphur
- **July 21, 2017 – Kansas City**  
St. Joseph Hospital, 1000 Carondelet Drive
- **July 26, 2017 – Springfield**  
Cox North Hospital Fountain Plaza Room,  
1433 North Jefferson Avenue

### Target Audience

Primarily frontline/staff nurses, but also infection preventionists and others who are interested in the topic.

### Purpose

The purpose of this educational program is two-fold:

- 1) To increase awareness regarding the crucial role of the frontline/staff nurse in the prevention of HAIs and antibiotic stewardship, and
- 2) To provide evidence-based content with a strong focus on application to practice regarding the role of the nurse in antibiotic resistance and stewardship.

Patient scenarios with case discussions will be used as a teaching-learning method to assist participants in putting all the pieces together, including specimen collection and interpreting lab results.

### Content

- Current state regarding HAIs, antibiotic resistance and stewardship
- Nursing care practices to promote antibiotic stewardship in the acute care environment
- How to conduct specimen collection
- Appropriate infection prevention strategies
- Interpretation of lab results
- Clostridium difficile and Diarrhea
- Putting the pieces together

### Agenda

- 7:30** Check-in and hosted breakfast
- 8:00** Welcome and introductions
- 8:15** **State of the State Regarding HAIs, Antibiotic Resistance and Stewardship**
  - Why is this an urgent health crisis?
  - Increased regulatory requirements and accrediting attention
  - Why is this important to my patient? To me?
  - Types of HAIs –relationship between stewardship and infection prevention
  - How are we doing?
  - What are the next steps?
- 8:35** **The Role of Front-Line Staff in Antibiotic Resistance and Stewardship**
  - Handwashing, Isolation
  - Basic nursing care prior to culture (or other test) collection
  - Current methods of testing
  - Review results including susceptibility results - Colonization vs. infection
  - Communicate results to provider in timely manner
  - Prompt antibiotic administration – relationship to sepsis and deteriorating patient
  - Patient/Family Education of MDRO and Treatment – good handwashing on their part
  - Monitor days of antibiotic therapy
  - When to DC isolation
- 9:10** **The Mystery of Specimen Collection**
  - Should I collect a specimen? — Facility protocols vs. case by case provider order
  - When to culture, when NOT to culture
  - How do I collect specimen the proper way?
  - Limitation of techniques in particular settings and situations
  - Common errors in culturing
  - Timing of specimen collection—Present on admission versus healthcare acquired



- Which test is best in this circumstance?
- What do these results mean? Is this an HAI, colonization, contamination?
- Do these results need antibiotics?

9:45 **Break**

10:00 **Antimicrobial Stewardship**

- Overview of Antibiotics (broad vs. narrow spectrum, indications for each)
- Common side effects of antibiotics (C. diff, antibiotic associated diarrhea, yeast infections, effects on other medications, e.g., BCP)
- Antibiotics are expensive (Huge piece of pharmacy budget)
- Antibiotic de-escalation
- Who is on YOUR Team?
  - Pharmacy responsibilities
  - Physician responsibilities
  - Lab responsibilities
  - Nursing responsibilities
  - Patient and family responsibilities
  - Protocols/Pathways
- Which antibiotic does my patient need based on the susceptibility report?
- What does my facility Antibiogram say? Do we actually use it?
- How does stewardship effect health outcomes?

10:35 **Clostridium difficile and Diarrhea**

- What is Clostridium difficile?
- Risk factors, especially antibiotics
- Types of stools
- Should I test for C. diff? How many tests do I need?
- Communication to the provider of results and treatment needed
- Hand Hygiene with soap and water
- Impact on patient outcomes
- Importance of implementing transmission based precautions immediately
- Cleaning and disinfection

11:00 **Putting the Pieces Together - Group exercises with case scenarios and discussion**

- How to conduct specimen collection and employ appropriate infection prevention strategies
- How to interpret sample lab results

11:30 **Adjourn**

■ **CE Credit**

**RNs & APRNs**

The University of Missouri Sinclair School of Nursing is an approved provider of continuing nursing education by the Midwest Multistate Division, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. Midwest Multistate Division Provider Number MO1019-7

3.0 contact hours will be awarded to all individuals who attend, participate in the group discussions, complete the evaluation form, and are paid in full. This approval is reciprocal in all states and for all specialty organizations that recognize the ANCC approval process.

■ **COST**

**\$25/person**

**Students:** There will be a number of complimentary seats available for students at each site. Call (573) 882-0215 for student registrations.

**For more information and to register: go to [www.nursingoutreach.missouri.edu](http://www.nursingoutreach.missouri.edu) or call the MU Sinclair School of Nursing (573)882-0215**

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Planning committee includes representatives from: MU Sinclair School of Nursing, APIC chapters, Infection Control Specialists from Pediatrics and Long-term Care, Missouri Ambulatory Surgery Center Association, Missouri Hospital Association, Center for Patient Safety, Primaris, Missouri Department of Health and Senior Services