



22nd Annual Chicago Infection Control Conference

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All planners, editors, faculty and reviewers of this activity have no relevant financial relationships to disclose. This presentation was created without any commercial support.

Learning Objectives

At the conclusion of this course participants will be able to

- **Enable the learner to gain knowledge of emerging healthcare-associated infections pathogens.**
- **Identify effective infection control strategies to mitigate spread of multi-drug resistant organisms.**
- **Raise awareness of emerging disease threats and identify appropriate diagnostic testing, reporting and prevention methods.**
- **Raise awareness of local public health issues including opioid epidemic and immigrant health.**

To obtain credit you must:

- **Be present for the entire session**
- **Complete an evaluation form**
- **Return the evaluation form to staff**

Certificate will be sent to you by e-mail upon request.

In support of improving patient care, [Insert name of Joint Accredited Provider] is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Rush University Medical Center designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only credit commensurate with the extent of their participation in the activity.

ANCC Credit Designation – Nurses

The maximum number of hours awarded for this CE activity is 6.25 contact hours.

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Building the Infrastructure for Infection Prevention and Control: What's Needed?

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Background

- APIC Consulting is the grantee for the Chicago Department of Public Health (CDPH) Centers for Disease Control and Prevention (CDC) Epidemiology and Laboratory Capacity (ELC) Healthcare Infection Control Assessment and Response (ICAR) initiative. They are also the grantee for the same CDC grant awarded to the Illinois Department of Public Health (IDPH).
- APIC Consulting Services is a wholly-owned subsidiary of APIC, the leading professional association for infection prevention and control with more than 15,000 members.



Scope of Work - Assessments

- Targeted facilities include: Ebola Treatment Centers, Ebola Assessment Facilities, acute care hospitals, critical access hospitals, long term acute care hospitals, long term care facilities, dialysis centers, ambulatory surgery centers, and ambulatory care settings.
- The goal is to identify any gaps in the infection prevention and control programs and infrastructure; provide education and training; and assist facilities in detecting, preventing, and responding to Healthcare-Associated Infections (HAIs) and multi-drug resistant organisms (MDRO's) across the continuum of care.

<https://www.cdc.gov/hai/prevent/infection-control-assessment-tools.html>

Scope of Work – Site Selection

- Targeted number of assessments
 - CDPH – 43
 - IDPH – 80
- Facility selection based on
 - Available NHSN data
 - Dialysis Facility Compare data
 - IDPH and CMS “conditions out”
 - Outbreak/cluster response
 - Ventilator skilled nursing facilities (vSNF)
 - XDRO Registry data



Recruitment

- Invitation letters were sent to targeted facilities.
- Informational letters were sent to the following associations:
 - Accreditation Association for Ambulatory Health Care, Inc. (AAAHC)
 - Illinois Critical Access Hospital Network (ICAHN)
 - LeadingAge Illinois
- Outreach at the Chicago Department of Public Health outpatient and long term care roundtables.
- SIREN and Chicago HAN alerts were sent.



Scope of Work – ICAR Assessments

| Facility Type | Illinois Department of Public Health | | Chicago Department of Public Health | |
|-------------------------------|--------------------------------------|-----------|-------------------------------------|-----------|
| | Completed | Scheduled | Completed | Scheduled |
| Acute Care Hospital | 17 | 5 | 5 | 2 |
| Critical Access Hospital | 16 | 1 | -- | -- |
| Long Term Acute Care Hospital | 4 | 0 | 4 | 0 |
| Outpatient Dialysis Center | 3 | 0 | 1 | 1 |
| Outpatient Settings | 9 | 1 | 13 | 0 |
| Long Term Care Facilities | 23 | 13 | 9 | 0 |
| Total | 72 | 20 | 32 | 3 |



ICAR Assessments – Gaps Identified

- Trained infection prevention staff
- Competency
 - At hire and annually
 - Return demonstration
- Training
 - At hire and annually
 - All healthcare providers



ICAR Assessments – Gaps Identified

- Audits
- Feedback
- Environmental cleaning
 - All staff performing surface cleaning and disinfection
 - Use of EPA registered chemicals



ICAR Assessments – Gaps Identified

- Injection safety
- Device reprocessing
- Surveillance and disease reporting in long term care facilities
 - Standardized definitions are not utilized
 - Lack of outbreak plans



Scope of Work - Training

- APIC long-term care certificate program
 - The course was held in Chicago and Springfield between September and November.
 - 77 of the 96 total participants have completed all course components, passed the evaluation, and awarded the Certificate of Training in Infection Prevention in the Long-Term Care Setting.
 - Planning is under way to offer the coursework on-line.
- Two webinars on surface cleaning/disinfection have been presented and are archived with free access.



Scope of Work - Training

- STRIVE
 - A face to face meeting will be held in July.
 - Participants will be able to choose between two topics
 - Data for action
 - Performing a risk assessment



Scope of Work – Training

- EPI Intensive – September 2017 in Chicago.
- EPI Intensive – Late fall 2017 in central/southern Illinois with a focus on critical access hospitals.
- ASC 101 – February 2018 in Chicago.



Collaboration

- STRIVE

- STRIVE: States Targeting Reducing Infections Via Engagement is a CDC-funded program facilitated nationally by the American Hospital Association Health Research and Education Trust (AHA HRET) and locally by the Illinois Health and Hospital Association (IHA), Telligen, and IDPH.
- The APIC Consulting team is completing ICAR assessments at acute short stay and critical access hospitals participating in the STRIVE project.



Collaboration

- Chicago Prevention Epicenter (Rush/Stroger)
 - The Chicago PROTECT Project aims to improve infection control quality and reduce the risk of infection transmission among facilities at high risk of CRE.
 - ICAR assessments have been completed at most of the facilities.
 - APIC Consultants will continue to work with the facilities to build up the infection prevention and control infrastructure.



Collaboration

- Renal Network

- The CDC and End Stage Renal Disease networks have identified a substantial gap in bloodstream infection reporting.
- The Renal Network is the not-for-profit organization monitoring quality of dialysis care in the state of Illinois.
- The Renal Network National Healthcare Safety Network (NHSN) Learning and Action Network (LAN) was established to identify the challenges with reporting dialysis related bloodstream infections and to develop interventions that will facilitate accurate reporting.
- An APIC Consultant is a member of the expert panel.



Conclusion

- What's Needed

- Gap Assessments
- Education, Coaching, Follow-up, On-site Support
- Collaboration between multiple stakeholders and facilities.
- Communication



Questions

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