Program Elements and Deliverables for ELC K2 Awardees: Regional Antimicrobial Resistance Programs

Scott Fridkin, MD
Alexander Kallen, MD, MPH
Carolyn Gould, MD, MSCR
Lauri Hicks, DO

Division of Healthcare Quality Promotion
Centers for Disease Control and Prevention
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Nothing to disclose
Regional Antimicrobial Resistance Program Elements

- Advisory Committee
- Personnel and Expertise
- Integration and Alignment with State Partners
- Collecting Data for Action
- Education and Training
- Laboratory Capacity
- Implementation and Intervention
- Response Capacity
Advisory Committee

- Establish advisory committee to define AR prevention program priorities and activities
  - Part of existing HAI advisory committee
  - Local stakeholders and public health lab representatives
  - Infectious disease expertise (clinical, pharmacy) to advise on AS

- Deliverables
  - Provide goals/objectives of committee and selected activities
  - Provide number, frequency, and modality of committee meetings
  - Describe committee composition: subject matter experts, quality improvement partners (e.g., QIN-QIO), etc.
Personnel and Expertise

- Expand and/or establish personnel capacity in content areas required to advance AR prevention activities
  - Can include hired staff, contractual support, or other partnerships

- Deliverables
  - Describe access to expertise in the following content areas:
    - Outbreak response
    - Antimicrobial stewardship
    - Analysis and surveillance
    - Clinical microbiology
Integration and Alignment with State Partners

- Establish familiarity with existing AR programs and activities in state or region
  - Seek awareness of concurrent AR prevention efforts by partners such as state hospital association or QIN-QIO

- Deliverables
  - Provide list of stakeholders and organizations in state or region and associated AR/AS activities
Collecting Data for Action

- Develop surveillance capacity for at least one MDRO or CDI, and use the data to define regional epidemiology
  - Establish NHSN data use agreements (DUAs) as needed
  - Define healthcare networks with high prevalence of AR/CDI
  - Explore existing AS programs by geography and facility characteristics through analysis of NHSN AS practices
  - Increase familiarity with NHSN AU/AR module to promote its use

- Deliverables
  - Provide number (%) of facilities sharing relevant NHSN data
  - Describe relevant non-NHSN data sources
  - Summarize findings by facility type and region
  - Describe strategies for using data to inform prevention activities
Education and Training

- Provide education and training on prevention of MDRO transmission
  - Include content on AS and inter-facility communication
  - Provide targeted assistance and trainings on NHSN enrollment to long-term care facilities as needed

- Deliverables
  - Document content, number, dates, modality, and feedback from educational sessions conducted
Laboratory Capacity

- Ensure reliable, accurate, and timely laboratory testing and reporting from healthcare facilities
  - May include assessment and improvement in facility-based AR pathogen testing and reporting (prioritize CRE)
- Deliverables
  - Describe local capacity for conducting surveillance cultures and supporting outbreak response
  - Provide number (%) of MDRO and CDI clusters for which laboratory support was provided
Implementation and Intervention

- Use data to prioritize recruitment of facilities for participation in AR prevention projects
  - Incorporate AS and focus on CDI, CRE, or multiple MDROs
  - Include both acute and long-term care
  - Encourage participating facilities to share strategies for implementation of evidence-based practices

- Deliverables
  - Provide number (%) of facilities (by type) participating in AR/AS activities
  - Summarize interventions implemented
  - Summarize impact of implementation activities, including methods, data sources, metrics for process and outcome measures
Response Capacity

- Enhance surveillance analytic capacity to inform prevention efforts and essential response capacity
- Improve outbreak reporting and response via outreach to clinical microbiology laboratories and IP networks
  - Include both acute and long-term care
- Provide on-site technical assistance for outbreak investigation

Deliverables
- Document in-house and/or in-kind staff assisting with MDRO/CDI outbreak investigations
- Provide number (%) of MDRO and CDI outbreaks for which technical assistance was provided
Proposed Technical Assistance from CDC

- Monthly conference calls led by CDC subject matter experts with rotating content focus (AR, CDI, AS)
- Annual ELC K2 meeting at CDC
- Sharing of tools/resources
- Site visits from CDC subject matter experts, as appropriate

- What type of technical assistance will be most valuable to you?
Thank you!

Questions?

For more information please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333
Telephone, 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348
E-mail: cdcinfo@cdc.gov    Web: www.cdc.gov

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