


 **AHRQ Safety Program for Improving Antibiotic Use**


Long-Term Care

Presenter — Morgan Katz




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What Is the AHRQ Safety Program?

- Collaborative intervention
 - AHRQ
 - Johns Hopkins Medicine
 - NORC
- Overarching goal
 - To improve antibiotic prescribing practices and assist facilities with implementing effective antibiotic stewardship programs.
- The goals of antibiotic stewardship
 - To ensure that all patients requiring antibiotics receive the right drug at the right dose and for the right duration.

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What Does the AHRQ Safety Program Address?

- Addresses both—
 - **Technical aspects**
 - For example, best practices in antibiotic prescribing for common infectious diseases syndromes
 - **Adaptive aspects**
 - For example, safety culture, behavior change, teamwork and communication



Participating in the AHRQ Safety Program

- One-year program begins in December 2018
- FREE TO PARTICIPATE
- Facilities with and without existing stewardship programs are welcome to join
- Continuing medical education (CME) credits and continuing education units (CEU) available for physicians and nurses



Benefits of Participating

- Access to antibiotic stewardship experts for coaching and troubleshooting
- Monthly interactive Webinars
 - 25 minutes long
 - Recorded and posted to the project Web site for 24/7 access
 - Slides and facilitator guides available for local use
- Coaching calls
 - Optional calls for additional assistance
 - Once a month



More Benefits of Participating

- Access to—
 - Tools to improve antibiotic prescribing practices and communication
 - Educational material for patients and families
 - Materials to assist with compliance with Centers for Medicare & Medicaid Services (CMS) mandates
 - Certificates denoting active participation in the AHRQ Safety Program for Improving Antibiotic Use



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Expected Outcomes of Participation

- Improved safety culture around antibiotic prescribing
- Enhanced teamwork and communication among health care workers and between health care workers and patients/families
- Reduced unnecessary antibiotic use
- Improved antibiotic decision-making by frontline staff
- Reduced *Clostridium difficile* infection rates
- Improved compliance with CMS regulations



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Four Moments of Antibiotic Decision Making



1. Does the resident have symptoms that suggest an infection? Can we try symptomatic treatment and active monitoring?
2. What type of infection is it? Have we collected appropriate cultures and diagnostic tests before starting antibiotics? What empiric therapy should we initiate?
3. What duration of antibiotic therapy is needed for the resident's diagnosis?
4. Re-evaluate the resident and review results of diagnostic tests. Can we stop antibiotics? Can we narrow therapy?

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Long-Term Care Webinars




Adaptive Topics

- Improving antibiotic use is a patient safety issue
- Improving communication and teamwork around antibiotic prescribing
- Engaging a senior executive
- Identifying targets to improve antibiotic use
- Developing an action plan to improve antibiotic safety
- Sustaining antibiotic stewardship program

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Long-Term Care Webinars




Technical Topics

- Antibiotic stewardship program development
- Appropriate collection of urine and respiratory specimens
- Diagnosis and management of urinary tract infections
- Diagnosis and management of respiratory tract infections
- Communication with providers about infectious concerns
- Communication with family members about infectious concerns

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What Do Participating Facilities Need To Do?

- Identify the antibiotic stewardship team
- Identify and engage frontline staff as part of the team
- Participate in monthly Webinars with experts
- Between Webinars, identify areas to improve antibiotic prescribing and incorporate relevant tools into practice
- Submit requested data to the program Web site



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Data Required From Participating Facilities

1. **Monthly data** on days of antibiotic therapy per 1,000 resident days for antibiotics commonly used in the long term care setting
2. **Monthly data** on number of antibiotic starts per 1,000 resident days
3. **Quarterly** *C. difficile* laboratory events per 10,000 patient-days
4. **Quarterly** urine cultures per 10,000 resident days



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Other Data Required From Participants

- Completion of short survey regarding current antibiotic stewardship practice
 - Basic information about the facility, beliefs, and current activities in patient safety and antibiotic stewardship
 - Survey to be completed at entry of project submission and at end of intervention



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Timeline for Participation

Action	Due Date
• At least one team member attends an online informational webinar	October 2018
• Complete the Facility Letter of Commitment	November 17, 2018
• Assemble ASP and frontline teams within your hospital	November 17, 2018
• Complete the Data Use Agreement (Optional)	November 17, 2018
• Register your team members to use the project data portal	November 17, 2018
• Participate in monthly Webinars	Beginning December 2018
• Regularly meet as a team to implement interventions and monitor performance	December 2018 until the end of project
• Complete survey assessments and submit hospital data according to the data collection schedule	Starting December 2018 until end of project



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Safer Health Care for Current and Future Generations



To Learn More and Enroll

- Visit [our Web site:](#)
 - <https://safetyprogram4antibioticstewardship.org/>
- Complete the online application on the Web site
- Email antibioticsafety@norc.org with any questions



Questions

1. Type in your questions using "Chat" or
2. Speak up on conference line



THANK YOU FOR PARTICIPATING!
