

Antibiotic Stewardship Implementation

Skilled Nursing Facility (SNF) Antibiotic Stewardship Assessment



Facility Name: _____ CCN: _____ Assessment Date: _____ Completed by: _____

Work with your department leadership and infection-control team to complete the following assessment to determine if your facility is maintaining an effective, comprehensive, antibiotic stewardship program. This assessment is aligned with the Centers for Disease Control and Prevention’s Core Elements of Antibiotic Stewardship for Nursing Homes. Select the level of implementation status on the right for each assessment item. Once this form is complete, please go online and enter your answers.

| Assessment Items | Not implemented/ no plan | Plan to implement/ no start date set | Plan to implement/ start date set | In place less than 6 months | In place 6 months or more |
|---|-----------------------------|---|---|-----------------------------------|---------------------------------|
| A. Leadership Support | | | | | |
| 1. Your facility demonstrates leadership support and commitment to safe and appropriate antibiotic use. ⁱ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| B. Accountability | | | | | |
| 2. Your facility has identified clinical leads responsible for promoting and overseeing antibiotic stewardship activities. ⁱⁱ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| C. Drug Expertise | | | | | |
| 3. Your facility has established access to consultant pharmacists or other individuals with experience or training in antibiotic stewardship. ⁱⁱⁱ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| D. Actions to Improve Use | | | | | |
| 4. Your facility has implemented at least one policy to improve antibiotic use and prescribing. ^{iv} | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Your facility has implemented at least one practice to improve antibiotic use and prescribing. ^v | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Your consultant pharmacist actively supports antibiotic stewardship activities by reviewing antibiotic courses for appropriateness and establishing standards. ^{vi} | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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|---|-----------------------------|---|--------------------------------------|-----------------------------|---------------------------|
| E. Tracking: Monitoring Antibiotic Prescribing, Use, And Resistance | | | | | |
| 7. Your facility actively monitors one or more measures of antibiotic use (e.g., antibiotic days of therapy/1,000 resident-days). ^{vii} | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Your facility actively monitors one or more outcomes of antibiotic use (e.g., <i>Clostridioides difficile</i> infection [CDI]). ^{viii} | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| F. Reporting Information to Staff on Improving Antibiotic Use and Resistance | | | | | |
| 9. Your facility's clinical providers and nursing staff members regularly receive facility-specific reports on antibiotic use. ^{ix} | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| G. Education | | | | | |
| 10. Clinical providers, nursing staff members, residents, and families receive educational resources about antibiotic resistance and improving antibiotic use. ^x | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Open Response:

1. What do you believe is going well in your organization related to antibiotic stewardship (please provide any tools you are using)?

2. What are some of the barriers you are facing with improving or maintaining your organization's antibiotic stewardship program?

3. What are your organizational goals surrounding antibiotic stewardship?

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- i **Rationale:** Nursing home leadership, including owners, administrators, and nursing strongly influence engagement among staff members. Ensuring leadership demonstrate commitment to antibiotic stewardship is a crucial first step toward a strong program.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
- The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
 - Creating a Culture to Improve Antibiotic Use in Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/Factsheet-Core-Elements-Creating-Culture-Improve-Use.pdf>
 - Sample Commitment Letter: <https://www.cdc.gov/longtermcare/pdfs/Stewardship-Leadership-Commitment-Letter-508.pdf>
 - Sample Commitment Poster: <https://www.cdc.gov/longtermcare/pdfs/Stewardship-Commitment-Poster-508.pdf>
- ii **Rationale:** Antibiotic stewardship programs need accountable individuals to carry out activities. These individuals should also have facility leadership support. These individuals set standards for antibiotic prescribing; assess, monitor, and communicate changes in resident conditions; and engage external partners.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
- The Core Element of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
 - Leading antibiotic stewardship in nursing homes: <https://www.cdc.gov/longtermcare/pdfs/Factsheet-Core-Elements-Leading-Antibiotic-Stewardship.pdf>
- iii **Rationale:** Nursing home antibiotic stewardship programs need individuals with antibiotic expertise. These individuals include consultant pharmacists with specialized infectious disease or antibiotic stewardship training, partners at hospitals within a referral network, and community infectious disease consultants. The individuals can help implement activities to support stewardship.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
- The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
 - Making a Difference in Infectious Diseases (MAD-ID) Antibiotic Stewardship Course: <https://mad-id.org/antimicrobial-stewardship-programs/>
 - Society for Infectious Disease Pharmacists Antibiotic Stewardship Certificate Program: <https://sidp.org/Stewardship-Certificate>
- iv **Rationale:** Policies are an important communication tool to ensure all staff members are operating correctly. These policies may include medication safety policies and medication regimen review. These policies should be developed to address Centers for Medicare & Medicaid Services regulations regarding antibiotic prescribing and use.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
- The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
 - Policy and Practice Actions to Improve Antibiotic Use: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship-appendix-a.pdf>
- v **Rationale:** Broad interventions and practices can improve antibiotic use by putting policy into action. Practices should be standardized and applied during resident care with an infection or with the start of the antibiotic.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
- The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
 - Policy and Practice Actions to Improve Antibiotic Use: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship-appendix-a.pdf>

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- vi **Rationale:** Pharmacy interventions can also improve antibiotic use. The clinical care team should integrate the dispensing and consultant pharmacists as key partners in the antibiotic stewardship program. For example, this helps ensure antibiotics are being ordered appropriately and that culture data are reviewed.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
– The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
- vii **Rationale:** It is important to track how often and how many antibiotics are prescribed. These data can help guide practice changes and impact new interventions. Some measures can provide a snapshot of information while others can be tracked on an ongoing basis. Selected measures should be based on the type of practice intervention being implemented.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
– The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
– Measures of antibiotic prescribing, use, and outcomes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship-appendix-b.pdf>
– Data sources, elements, and measures for tracking antibiotic use in nursing homes: <https://www.cdc.gov/longtermcare/pdfs/Nursing-Homes-Core-Elements-C-508.pdf>
- viii **Rationale:** Monitoring clinical outcomes demonstrates that antibiotic stewardship activities are effective and improving patient outcomes. These outcomes can include CDIs, antibiotic-resistance organisms, or adverse drug events.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
– The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
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– Data sources, elements, and measures for tracking antibiotic use in nursing homes: <https://www.cdc.gov/longtermcare/pdfs/Nursing-Homes-Core-Elements-C-508.pdf>
- ix **Rationale:** Reporting process and outcomes measures helps provide regular feedback to prescribing clinicians, nursing staff, and other relevant staff about antibiotic use and resistance.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
– The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
– Measures of antibiotic prescribing, use, and outcomes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship-appendix-b.pdf>
– Data sources, elements, and measures for tracking antibiotic use in nursing homes: <https://www.cdc.gov/longtermcare/pdfs/Nursing-Homes-Core-Elements-C-508.pdf>
- x **Rationale:** Education and providing resources to clinicians, nursing staff, residents, and families about antibiotic resistance can create opportunities to improve overall antibiotic use.
References: The Core Elements of Antibiotic Stewardship for Nursing Homes: Checklist; CDC: <https://www.cdc.gov/longtermcare/prevention/antibiotic-stewardship.html>
– The Core Elements of Antibiotic Stewardship for Nursing Homes: <https://www.cdc.gov/longtermcare/pdfs/core-elements-antibiotic-stewardship.pdf>
– Teach back: <https://www.ihs.gov/healthcommunications/health-literacy/teach-back/>
– Top 10 infection prevention questions to ask a nursing home’s leader: <https://www.cdc.gov/longtermcare/pdfs/factsheet-core-elements-10-infection-prevention-questions.pdf>
– What to ask your healthcare provider about antibiotics: <https://www.cdc.gov/longtermcare/pdfs/factsheet-core-elements-what-to-ask.pdf>
– What you need to know about antibiotics in a nursing home: <https://www.cdc.gov/longtermcare/pdfs/factsheet-core-elements-what-you-need-to-know.pdf>