



Antibiotic Stewardship/MDRO/CDI Rapid Cycle Improvement Project (RCIP) Overview

Description of ASP project below includes 3 PHASES or RCIPs Based Upon NQF Playbook

http://www.qualityforum.org/NQP/Antibiotic_Stewardship_Playbook.aspx

PHASE 1 (RCIP) Core Element 1: Leadership Commitment Core Element 2: Accountability Core Element 3: Drug Expertise	CORE ACTION	TIMEFRAME (Hospital to determine based upon current status/ project assessment)
Core Element 1: Leadership Commitment Hospital-Specific Approach <ul style="list-style-type: none"> • Examples of Implementation will include Basic/Intermediate/Advanced Approaches • Potential Barriers & Suggested Solutions • Suggested Tools & Resources • RCIP Action Plan/Timeline Template 	Facility leadership should provide a visible, written statement of support for the antibiotic stewardship program (ASP). Formal statements (e.g., a policy approved by the board) carry more weight with facility staff than less formal communications (e.g., a newsletter column).	
	Facility leadership should provide support (financial and time) for training and education on antibiotic stewardship (AS), ensure adequate staffing, and establish a clear communication strategy on AS.	
	Facility leadership should provide sustained financial support and ensure that ASP team leaders have time to perform the functions of the program.	
Core Element 2: Accountability Hospital-Specific Approach <ul style="list-style-type: none"> • Examples of Implementation will include Basic/Intermediate/Advanced Approaches • Potential Barriers & Suggested Solutions • Suggested Tools & Resources • RCIP Action Plan/Timeline Template 	The antibiotic stewardship program (ASP) should have a designated leader or co-leaders who are accountable to the hospital leadership for meeting goals and targets. Published studies and guidelines have recommended physicians with training in infectious diseases as effective ASP leaders.	
	Criteria for a physician and/or pharmacy leader should include expertise in antibiotic use, training in stewardship, leadership skills, respect from peers, and good team skills.	
Core Element 3: Drug Expertise Hospital-Specific Approach <ul style="list-style-type: none"> • Examples of Implementation will include Basic/Intermediate/Advanced Approaches • Potential Barriers & Suggested Solutions • Suggested Tools & Resources • RCIP Action Plan/Timeline Template 	A pharmacist leader with expertise in antibiotic use is identified and is responsible for partnering with the antibiotic stewardship physician leader or physician champion to improve antibiotic use. Published studies and guidelines have recommended pharmacists with training in infectious diseases as effective ASP pharmacy leaders.	
	Criteria for a pharmacy leader should include expertise in antibiotic use, training in stewardship, leadership skills, respect from peers, and good team skills.	

PHASE 2 (RCIP) Core Element 4: Actions to Support Optimal Antibiotic Use	CORE ACTION	TIMEFRAME (Hospital to determine based upon current status/ project assessment)
<p>Core Element 4: Actions to Support Optimal Antibiotic Use</p> <p>Hospital-Specific Approach</p> <ul style="list-style-type: none"> • Examples of Implementation will include Basic/Intermediate/Advanced Approaches • Potential Barriers & Suggested Solutions • Suggested Tools & Resources • RCIP Action Plan/Timeline Template 	<p>The antibiotic stewardship program (ASP) identifies and implements one or more specific interventions to improve antibiotic use at the hospital. The intervention(s) should align with local needs (i.e., interventions address areas where evidence suggests room for improvement at the hospital). The interventions have measurable outcomes, which the ASP monitors and reports to hospital leadership and providers.</p>	
PHASE 3 (RCIP) Core Element 5: Tracking and Monitoring Antibiotic Prescribing, Use, and Resistance Core Element 6: Reporting Information on Improving Antibiotic Use and Resistance	CORE ACTION	TIMEFRAME (Hospital to determine based upon current status/ project assessment)
<p>Core Element 5: Tracking and Monitoring Antibiotic Prescribing, Use, and Resistance</p> <p>Hospital-Specific Approach</p> <ul style="list-style-type: none"> • Examples of Implementation will include Basic/Intermediate/Advanced Approaches • Potential Barriers & Suggested Solutions • Suggested Tools & Resources • RCIP Action Plan/Timeline Template 	<p>Systematic collection of antibiotic use and resistance data allows facilities to assess, monitor, and improve prescribing practices.</p>	
<p>Core Element 6: Reporting Information on Improving Antibiotic Use and Resistance</p> <p>Hospital-Specific Approach</p> <ul style="list-style-type: none"> • Examples of Implementation will include Basic/Intermediate/Advanced Approaches • Potential Barriers & Suggested Solutions • Suggested Tools & Resources • RCIP Action Plan/Timeline Template 	<p>The antibiotic stewardship program (ASP) team regularly shares facility-specific antibiotic use and outcomes results with all healthcare providers, hospital leadership, and other key stakeholders (e.g., infection prevention and quality improvement committees).</p>	

RCIP OVERVIEW continued

PHASE 4 (RCIP) Core Element 7: Education of Clinicians and Patients and Families <i>This phase will be incorporated throughout phases 1-3</i>	CORE ACTION	TIMEFRAME (Hospital to determine based upon current status/ project assessment)
<p>Core Element 7: Education of Clinicians and Patients and Families</p> <p>Hospital-Specific Approach</p> <ul style="list-style-type: none"> • Examples of Implementation will include Basic/Intermediate/Advanced Approaches • Potential Barriers & Suggested Solutions • Suggested Tools & Resources • RCIP Action Plan/Timeline Template 	<p>Education is provided on a regular basis to all staff as well as patients and families; education is targeted where appropriate.</p>	

Additional Resources

- NQF Playbook (see Appendix URL): http://www.qualityforum.org/Publications/2016/05/National_Quality_Partners_Playbook__Antibiotic_Stewardship_in_Acute_Care.aspx
- CDC Core Element/Checklist: <https://www.cdc.gov/getsmart/healthcare/implementation/checklist.html>