

Antimicrobial Stewardship Program Components

Basic Tier:

- Physician-supervised multidisciplinary antimicrobial stewardship committee
- Program support from a physician or pharmacist who has attended specific training for antimicrobial stewardship

Intermediate Tier:

- Annual antibiogram developed using CLSI guidelines with distribution to/education of the medical staff
- Monitoring of usage patterns of antibiotics determined to be of importance to the resistance ecology of the facility, using Defined Daily Dosing (DDD) or Days of Therapy (DOT)
- Formulary that includes a limited number of antimicrobials
- Institutional guidelines for the management of common infection syndromes (e.g. order sets, clinical pathways, empiric antimicrobial therapy guide, etc.)

Advanced Tier:

- Prospective audit with intervention/feedback
- Formulary restriction with preauthorization
- Antimicrobial formulary that is reviewed annually with changes made based on local antibiogram

Other possible components:

- ?Hospital antimicrobial stewardship policy/procedure
- ?System for notification of antimicrobial stewardship program of positive sterile site culture results (or other important laboratory results)
- ?System for notifying pharmacy/infection control of antibiotic resistance trends and/or patients at risk for MDROs
- ?Education (hospital-wide vs. one on one) - ?posting on hospital website
- ?Other