

Antimicrobial Stewardship Program Components

Basic Tier:

- Hospital antimicrobial stewardship policy/procedure
- Physician-supervised multidisciplinary antimicrobial stewardship committee
- Program support from a physician or pharmacist who has attended specific training on antimicrobial stewardship (e.g. continuing education training program offered by the federal Centers for Disease Control and Prevention and the Society for Healthcare Epidemiology of America or other recognized professional organization, or post-graduate training with concentration in antimicrobial stewardship)
- Reporting of antimicrobial stewardship program activities to hospital committees involved in quality improvement activities

Intermediate Tier:

- Annual antibiogram developed using CLSI guidelines with distribution to/education of the medical staff
- 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.)
- 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)
- Regular education of hospital staff/committees about antimicrobial stewardship

Advanced Tier:

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