

## Antimicrobial Stewardship Program

### **Basic Components (Tier 1):**

- Physician-led multidisciplinary antimicrobial stewardship committee
- Program support from an individual trained in antimicrobial stewardship (e.g. board-certified ID physician, ID pharmacist,or an individual who has attended specific training for antimicrobial stewardship)
- Annual antibiogram developed using CLSI guidelines and distribution to/education of the medical staff
- Monitoring of usage patterns of broad spectrum antibiotics and/or antibiotics determined to be of importance to the resistance ecology of the facility, using Defined Daily Dosing (DDD) or Days of Therapy (DOT)
- Medication Use Evaluations (MUE) of total and class-specific antibiotics
- Monitoring of MDRO rates/trends
- Monitoring of SCIP measures

### **Possible Advanced Components (?Tier 2 and 3):**

- Prospective audit with intervention/feedback
- Formulary restriction and preauthorization
- Education to medical staff about antimicrobial stewardship
- Clinical pathways/decision support
- Empiric antimicrobial therapy guide
- Therapeutic drug monitoring
- Antimicrobial order forms
- Streamlining/de-escalation of therapy
- Dose optimization
- IV to PO conversion