

## What is it?

Coordinated interventions to improve and measure the appropriate use of antimicrobials by promoting the selection of the optimal antimicrobial drug regimen, dose, and duration of therapy and route of administration.

## What is it not?

- P&T Committee
- Formulary management
- Pharmacy-driven IV to PO program
- Therapeutic substitutions
- Pharmacy performing renal dosing and therapeutic monitoring

## Why do we want to do it?

- Optimize patient safety
- Reduce resistance
- Decrease or control costs

## Where do we start?

### *Pharmacist*

- Maintain good relationships with physicians
- Infectious disease background preferred
- Interest in antibiotic stewardship and patient safety

### *Physician*

- Diplomatic/collegial leader
- Infectious disease background preferred
- Interest in antibiotic stewardship and patient safety

## Who has to be involved?

*Hospital administration • Prescribers • Multi-disciplinary team*

Pharmacy  
Microbiology  
Infection control  
Information Technology  
Quality

## What interventions should we start with?

### *Pre-prescription approval:*

Phone call placed or form filled out before pharmacy dispenses antibiotic

### *Post-prescription review:*

Downstream review of appropriateness of antibiotic therapy (usually 24-72 hours)