Antimicrobial Stewardship Transitions of Care Overview
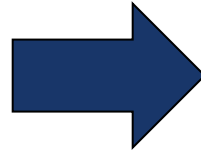
OPPORTUNITY

Within HFHS, about 400 patients per <u>week</u> are treated on medicine wards for common respiratory, skin, urinary, and intra-abdominal infections
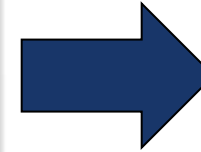
40% receive an excess duration, **25%** develop antibiotic-side effects, **5%** develop multi-drug resistant infections

RESOURCES

To help manage this transition, over the years HFHS developed

- Accessible local guidelines
- Progressive rounds
- Antimicrobial stewardship
- Transitions of care services
- Prescription coverage check

Collaboration can distribute workload!

PROCESS

- Patients <u>eligible to receive PO antibiotics</u> at discharge
- Pharmacist will discuss antibiotic selection/duration with primary team on clinical/ progressive rounds
- Inpatient/discharge order placed with <u>dose</u>/ <u>duration</u> for specific infection, antibiotic, and <u>renal function</u>
- Pharmacist leaves note in chart, and provider signs order at discharge

Included	Excluded
Respiratory tract: - CAP - HAP - Acute COPD exacerbation - Influenza **Urinary tract:** - Cystitis - Complicated UTI - Pyelonephritis **Skin/soft tissue** - Cellulitis - Cutaneous abscess **Intra-abdominal** - SBP - Complicated peritonitis w/ adequate source control	- Solid organ transplant/ neutropenia - OPAT patients - Age <18 years - Endocarditis/endovascular infections - Bone/joint infection - Meningitis - Bacteremia due to: *S. aureus, Enterococci,* fungi - Necrotizing fasciitis - Abscess/fluid collection without removal of foci - Prostatitis - Pneumocystis pneumonia - Mycobacterial infections

What to expect:

- Pharmacist will routinely conduct surveillance on patients expected to be discharged on oral antibiotics: anticipate questions regarding discharge status

- When the plan for oral antibiotics has been determined with the team, a note will be placed in the chart for selection and duration based on patient-specific attributes

- The pharmacists' Transitions of Care note can be used for patient education and to communicate where the medication will be sent

Go Live Date for your unit: _____
Contact for Questions