

Policy/Procedure: DUH Antimicrobial Restriction Policy

Document ID: 8838	Revision Number: 1	Status: Published
Origination Date: 06/03/2024		Effective Date: 06/03/2024

Approved By	Date Approved
DUHS Pharmacy Medication Management Committee (PMMC)	06/03/2024

Review History: 06/2024
Applicability:

- Ambulatory Surgery Center Arrington
- Davis Ambulatory Surgery Center (DASC)
- Duke Health Integrated Practice (DHIP)
- Duke Health Technology Services (DHTS)
- Duke HomeCare & Hospice (DHCH)
- Duke Primary Care (DPC)
- Duke Regional Hospital (DRH)
- Duke University Hospital (DUH) (both campuses)
- Durham Campus Only
- Duke Raleigh Campus Only
- Patient Revenue Management Organization (PRMO)
- Population Health Management Office (PHMO)

Purpose: The goal of the Duke University Health System Antimicrobial Stewardship and Formulary and Evaluation Team (DUHS AS FET) is to optimize the utilization of antimicrobial agents and patient outcomes while minimizing unintended consequences of antimicrobial usage, including toxicity and the emergence of resistance. Formulary restriction and preauthorization prior to dispensing for specified anti-infectives remain core strategies for antibiotic stewardship and is guideline-driven practice.

DUHS AS FET and DUHS Pharmacy and Medication Management Committee (PMMC), in coordination with Duke University Hospital (DUH) Durham Campus Antimicrobial Stewardship and Evaluation Team (Duke ASET), DUH Raleigh Campus Antimicrobial Stewardship Team (DRAH AST), and the campus-based Pharmacy and Therapeutics (P&T) Committees approve and maintain the list of restricted and protected antimicrobials. This document outlines the criteria by which restricted antimicrobials are categorized and refers to campus-specific processes by which these restrictions are enforced.

Level:

- Interdependent - asterisked [*] items require an order from a health care practitioner licensed to prescribe medical therapy.
- Independent – no provider order required.

Personnel: Medical staff, Pharmacy staff

Competencies/Skills: All DUHS clinical staff take an annual educational module titled “Infection Prevention and Antimicrobial Stewardship” with included competency documentation. All DUH Durham and Raleigh campus pharmacists review the restricted antimicrobials policy during new hire orientation and are educated when campus-specific formulary agents and/or restriction criteria change.

Required Resources: Educational module titled “Infection Prevention and Antimicrobial Stewardship

Definitions: None

Procedure:

- A. Prescribing guidelines
 - a. Restricted antimicrobials are classified into the following four categories:
 - i. Formulary, ID telephone approval required: requires verbal pre-authorization approval from Infectious Diseases (ID)
 - ii. Formulary, ID consult required: requires pre-authorization from ID by obtaining a consult
 - iii. Formulary, per protocol criteria for use: meets the campus-specific, P&T-approved appropriate clinical criteria for use and does not require ID consult or telephone approval
 - iv. Non-formulary: ID consult and pharmacy second-level review required
 - b. Complete lists of campus-specific restricted antimicrobials, restriction category, and approval procedures may be found in the campus-specific standard operating procedures, FormWeb, and CustomID (Duke University Hospital Durham Campus: customid.org; Raleigh Campus: drah.customid.org).
 - c. MaestroCare antimicrobial ordering incorporates campus-specific restriction criteria and outlines expected approval processes and documentation for clinical staff at the time of order entry.

REFERENCES

1. Joint Commission Online. Accreditation and Certification. Standard MM.09.01.01. Available: https://www.jointcommission.org/-/media/enterprise/tjc/imported-resource-assets/documents/new_antimicrobial_stewardship_standardpdf.pdf?db=web&hash=69307456CCE435B134854392C7FA7D76
2. Centers for Medicare & Medicaid Services (CMS). 42 CFR Parts 405, 431, 447, et al. Federal Register. October 4, 2016;81:68689-91.
3. Barlam TF, Cosgrove SE, Abbo LM, et al. Implementing an Antibiotic Stewardship Program: Guidelines by the Infectious Diseases Society of America and the Society for Healthcare Epidemiology of America. Clin Infect Dis. 2016 May 15;62(10):e51-77.
4. National Quality Forum. National Quality Partners Playbook: Antibiotic Stewardship in Acute Care. Available: http://www.qualityforum.org/NQP/Antibiotic_Stewardship_Playbook.aspx.
5. Centers for Disease Control and Prevention. Core Elements of Hospital Antibiotic Stewardship Programs. Available: <https://www.cdc.gov/antibiotic-use/core-elements/hospital.html>

Authoritative Sources:

- DUHS Pharmacy and Medication Management Committee (PMMC)
- DUHS Antimicrobial Stewardship Formulary and Evaluation Team (DUHS AS FET)
- DUH Durham Pharmacy and Therapeutics Committee (P&T)
- DUH Durham Antimicrobial Stewardship and Evaluation Team (Duke ASET)

- DUH Raleigh Pharmacy and Therapeutics Committee (P&T)
- DUH Raleigh Antimicrobial Stewardship Team (DRAH AST)

Associated Policies:

- [DUHS Antimicrobial Stewardship Policy](#)