

# Antimicrobial Use Point Prevalence Survey

Tamale Teaching Hospital – Hospital-Wide Assessment of Prescribing Practices

TTH Antimicrobial Stewardship Committee

2025-11-07

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## 1 Online Version

## 2 PDF Version

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## 3 Executive Summary

The Point Prevalence Survey (PPS) conducted in May 2024 assessed antimicrobial prescribing patterns across Tamale Teaching Hospital. Key findings highlight critical gaps in stewardship practices:

Table 1: Key PPS Findings and Interpretation

Metric	Value	Interpretation
Patients Surveyed	427	Full hospital coverage
Antimicrobial Use Prevalence	65.1%	High usage; requires review
Guideline Adherence	45.2%	Below target; training needed
Culture taken Before Treatment	14.7%	Critical gap; diagnostic stewardship needed

## 4 Survey Overview & Methodology

### 4.1 Objective

To evaluate antimicrobial prescribing practices, identify stewardship gaps, and inform quality improvement strategies.

### 4.2 Design & Setting

- **Type:** Point Prevalence Survey
- **Date:** May 2025
- **Location:** Tamale Teaching Hospital
- **Departments Surveyed:** Internal Medicine, Surgery, Pediatrics, Obstetrics & Gynecology, Polyclinic, Trauma & Orthopaedics, DEENT, Accident & Emergency
- **Tool Used:** Global PPS Data Collection Form