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Two sides of the same coin in the prevention of antimicrobial resistance

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The background of the cover is a microscopic view of various bacteria, including rod-shaped and spherical forms, some with flagella. Scattered throughout are several blue and white capsules. The entire scene is set against a light blue, slightly hazy background. The text is overlaid on this image.

**Infection prevention and control and
antibiotic stewardship: two sides of
the same coin in the prevention of
antimicrobial resistance**

JACKSON MICHUKI MAINA

Infection prevention and
control and antibiotic
stewardship: two sides of
the same coin in the
prevention of antimicrobial
resistance

Jackson Michuki Maina

This thesis was prepared at the Faculty of Medicine, Academic Medical Center of the University of Amsterdam, The Netherlands and at the KEMRI-Wellcome Trust Research Programme, Nairobi Kenya.

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ABBREVIATIONS

A&F: Audit and feedback

ABS: Antibiotic Stewardship

AMR: Antimicrobial Resistance

ATC: Anatomical Therapeutic Chemical Classification System

BPP: Basic Paediatric Protocols

CIN: Clinical Information Network

ETAT+: Emergency Triage Assessment and Treatment Plus Admission

HAI: Hospital-Acquired Infections

IQR: Interquartile range

IPC: Infection Prevention and Control

KEMRI: Kenya Medical Research Institute

LMIC: Low and middle-income countries

MOH: Ministry of Health

NAR: Neonatal Admission Record

PPS: Point Prevalence Survey

REDCap: Research Electronic Data Capture

WASH: Water Sanitation and Hygiene

WASH-FIT: Water Sanitation and Hygiene Facility Improvement Tool

WASH-FAST: Water Sanitation and Hygiene facility survey tool

WHO: World Health Organisation