



Antimicrobial resistance strategy (AMR) Webinar Series: Session 1

Welcome and Introduction
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Deputy Director of the Essential Drug Programme

Date: 18th November 2024
Time: 13h00 – 14h30



health

Department:
Health
REPUBLIC OF SOUTH AFRICA



WAAW is a global campaign, held between the 18th – 24th of November every year



**This year's theme:
"Educate. Advocate. Act
now."**

Overall aim:

**Raise public awareness of
global antibiotic resistance**

**Promote best practices
among the public, medical
professionals, legislators**

**Stop spread and
emergence of antibiotic
resistance.**

**Go Blue for AMR
awareness:**

**Wear light blue when
participating in WAAW
events**

**Adjust social media to blue
Share why you are Going
Blue**

What is AMR?

Bacteria, viruses, fungi,
parasites change over time –
resistant to treatments

Impacts food production,
environment, health of
people, animals

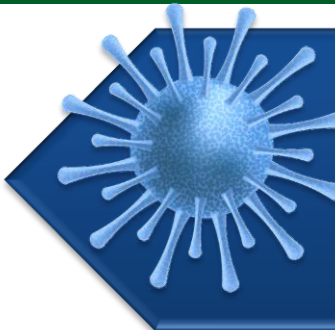
Infections difficult to treat –
possibility of disease
spread, serious illness,
death



Major cause of death
worldwide – one of the
biggest global health
concerns of our time.

Resistance – antimicrobial
medications become
ineffective, treating infections
challenging/impossible

Antimicrobial Resistance (AMR)



In South Africa, we are burdened with a triple threat of antibiotic resistance in the form of drug-resistant Tuberculosis, HIV and antibiotic-resistant bacteria.

Consequences of Antimicrobial Resistance (AMR)

Today

700,000 deaths each year from AMR



occur in low- and middle-income countries



2030

AM use increases **+67%** mainly in LMICs



Costs world **USD 3.4 trillion** a year (equivalent of **40%** of global expenditure on health today)

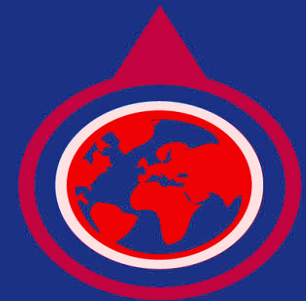


24 million more people forced into extreme poverty



2050

10 million deaths each year from AMR



worldwide

South Africa's plan to combat AMR



South Africa responded to the call for action and developed a National Action Plan (NAP) on AMR. The AMR Strategic Framework was then developed, using a One Health Approach. The Framework consists of five interconnected strategic objectives to tackle AMR.

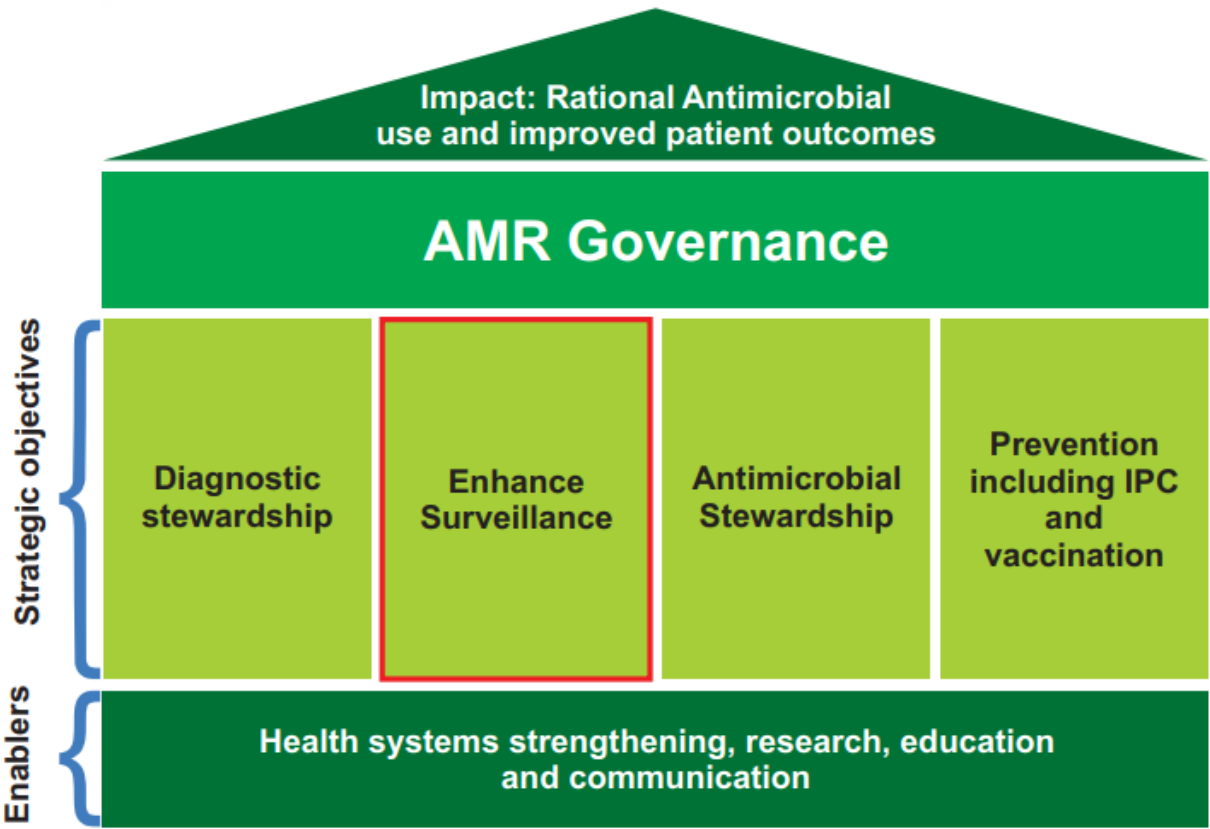


Figure 2. Summary diagram of the South African AMR Strategy

AMR Policy Building Blocks



WHA endorses
Global Action Plan
on AMR in May 2014

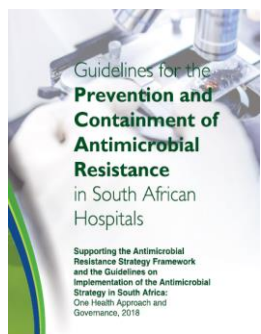
AMR Strategy
Framework
October 2015

AMR
Implementation plan
Approved in June
2015

AMS One Health
Governance
Guidelines



SOUTH AFRICAN ANTIMICROBIAL RESISTANCE NATIONAL STRATEGY FRAMEWORK: A ONE HEALTH APPROACH 2018 – 2024



AMR Strategy
Framework
version 2
April 2018

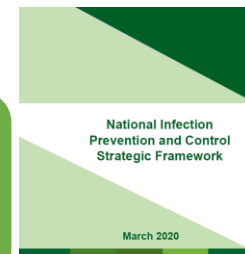
AMS Hospital
Level
April 2019

Surveillance for
antimicrobial
resistance and
consumption
report
November 2018

IPC Strategic
Framework &
Practice Manual
(March 2020)

Surveillance for
antimicrobial
resistance and
consumption
report 2021

Surveillance for
antimicrobial
resistance and
consumption
report 2022



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Objectives and Purpose



Communication with health providers in human health regarding critical concepts

Antimicrobial stewardship, infection control, infectious diseases, microbiology, pharmacology

Enabler of strategic objectives – National AMR Resistance Strategy Framework

Aims of this webinar:

- Raise awareness of human health sector stakeholders in addressing AMR in SA
- Communicate local/international AMR priorities
- Launch AMS Dashboard, expand National Department of Health's AMR Database
- Improve knowledge of rational use of antimicrobials, optimise patient outcomes



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Webinar Series – Upcoming Sessions



Session 1: Antimicrobial Resistance Strategy

Presenters: Dr Janine Jugathpal, Dr Francis Magombo, Dr Chetna Govind, Dr Ruth Lancaster

Topics covered: AMR, an international perspective, the AMR National Action Plan

Date: 18th November 2024



Session 2: Surveillance Dashboards

Presenters: Dr Chetna Govind, Dr Ruth Lancaster, Mr Andre de Beer, Ms Amanda Brewer, Prof Olga Perovic

Topics covered: WHO's Global Antimicrobial Resistance and Use Surveillance System (GLASS), NICD AMR Dashboard, National AMS Dashboard

Date: 19th November 2024



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***NB: more sessions to follow in 2025**



Resources available on the NHI



Antimicrobial Resistance National Action Plan and Implementation Plan

- South African Antimicrobial Resistance National Strategy Framework – A One Health Approach (2018 – 2024)
- Antimicrobial Resistance National Strategy Framework (2014 – 2024)
- Implementation Plan for the Antimicrobial Resistance Strategy Framework in South Africa (2014 – 2019)

Surveillance Reports

- Surveillance for Antimicrobial Resistance and Consumption of Antibiotics in South African Version 3 Final (2022)
- Surveillance report for Antimicrobial Resistance and Consumption of Antimicrobials in South Africa Final (2021)
- Surveillance Report for Antimicrobial Resistance and Consumption of Antibiotics in South Africa (2018)

Infection Prevention and Control and Biosecurity

- National Infection Prevention and Control (IPC) Policy & Strategy (2007)
- National Infection Prevention and Control (IPC) Strategic Framework (March 2020)
- Practical Manual for the Implementation of the National IPC Strategic Framework (March 2020)

Guidelines

- Guidelines on Implementation of the Antimicrobial Strategy in SA – A One Health Approach & Governance (2017)
- Guidelines for the Prevention and Containment of Antimicrobial Resistance in South African Hospitals (2019)
- Guide to access the National AMR Surveillance Dashboard

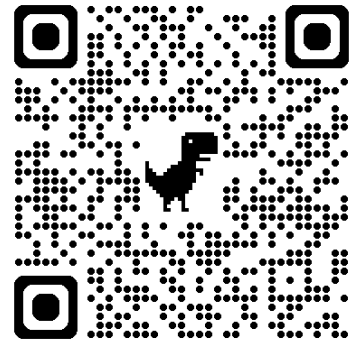
Communication and Awareness

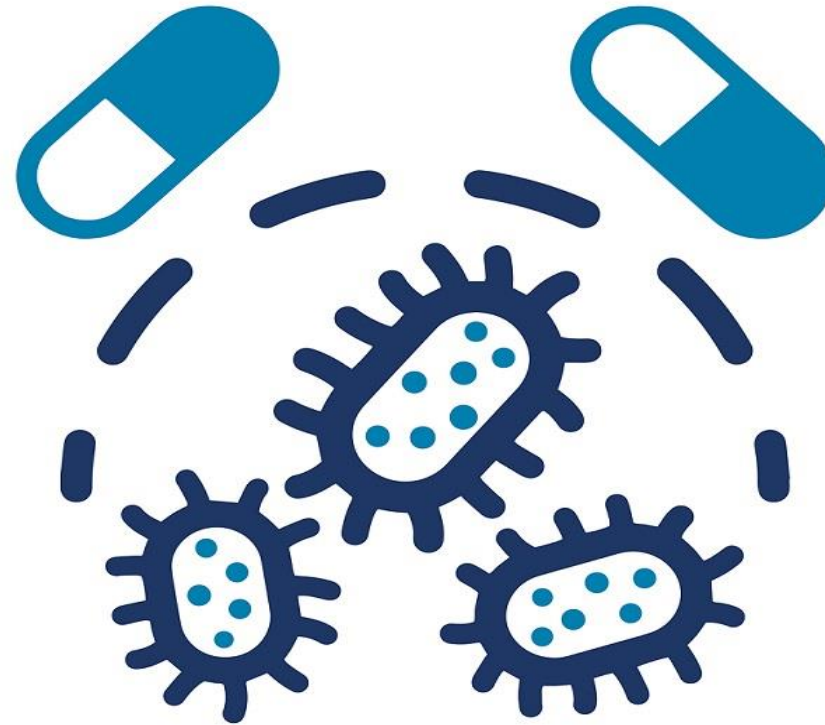
- Antibiotic Guardian Campaign – South Africa Specific Antibiotic Guardian Website – Digital Brochure Final (2018)
- Instructions to Become an Antibiotic Guardian (Pledge) Final
- Become an Antibiotic Guardian Poster 1
- Become an Antibiotic Guardian Poster 2
- Become an Antibiotic Guardian Poster 3
- Become an Antibiotic Guardian Flyer 1

Other Resources

- Antimicrobial Resistance Background
- South African Veterinary Strategy (2016 – 2026)

Scan the QR code to access these resources





THANK YOU!



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