


Keep  Working

**10 MILLION  
PEOPLE COULD  
DIE EVERY  
YEAR, BY 2050  
DUE TO DRUG  
RESISTANT  
INFECTIONS**

The South African Antibiotic Stewardship Programme (SAASP) supported by the Federation of Infectious Diseases Societies of Southern Africa (FIDSSA), is coordinating antibiotic awareness activities in South Africa in collaboration with the National Department of Health, Department of Agriculture, Land Reform and Rural Development, as well as other professional organisations.



# BECOME AN ANTIBIOTIC GUARDIAN



Help Protect Antibiotics  
And Improve  
Knowledge About  
Antibiotic Resistance

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# ANTIBIOTIC RESISTANCE

## The Problem

Antibiotics, antifungals, antimalarial, anti-retrovirals (collectively termed antimicrobials) treat infections by killing bacteria, fungi, parasites and viruses (respectively), but now we have an increasing number of these microbes that are able to resist the effects of these antimicrobials. This is called Antimicrobial Resistance. Infections caused by such microbes are termed drug resistant infections.

Antimicrobials especially antibiotics, are becoming less effective. This can lead to more deaths and more complications for people and animals receiving treatment. We have to tackle this problem before it gets worse.

# A WORLD WITHOUT ANTIBIOTICS

## Pre-antibiotic age

In a world before antibiotics, simple medical procedures and operations were risky due to the chance of infection. Antibiotics changed that.

## Antibiotic age

The discovery of antibiotics in the 1940s, has allowed us to fight infections and save millions of lives. However, antibiotics are becoming ineffective against many bacteria because of their misuse.

## Post-antibiotic age

If bacteria become resistant to our antibiotics, many routine treatments will again become increasingly dangerous.

# ANTIBIOTIC RESISTANCE WHAT CAN I DO

Pledge to become an Antibiotic Guardian, and choose to perform a simple action which protects antibiotics against the threat of antibiotic resistance.

**Visit:**

**[www.AntibioticGuardian.com](http://www.AntibioticGuardian.com/South-Africa)  
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**Protect yourself,  
your family, friends,  
colleagues and  
patients and your  
animals against the  
spread of antibiotic  
resistance.**