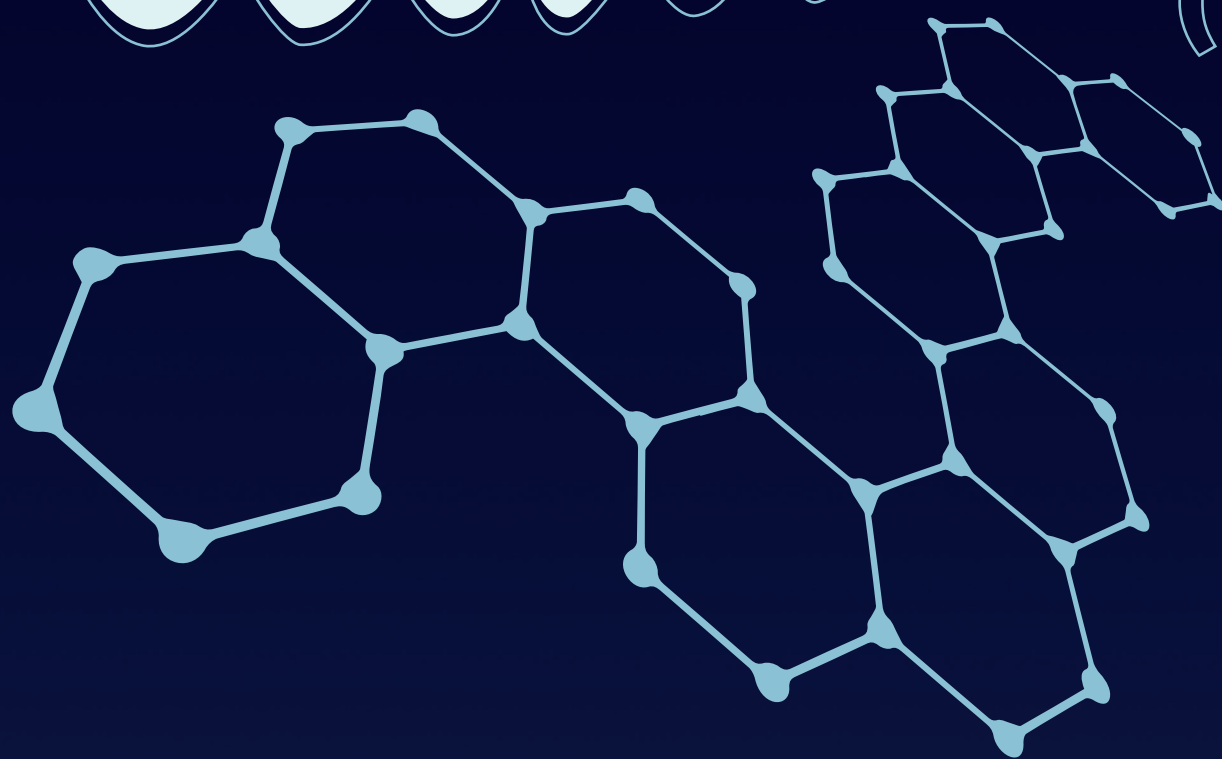


Antimicrobial Resistance (AMR)



AMR

15th February



Available Android



Available iOS

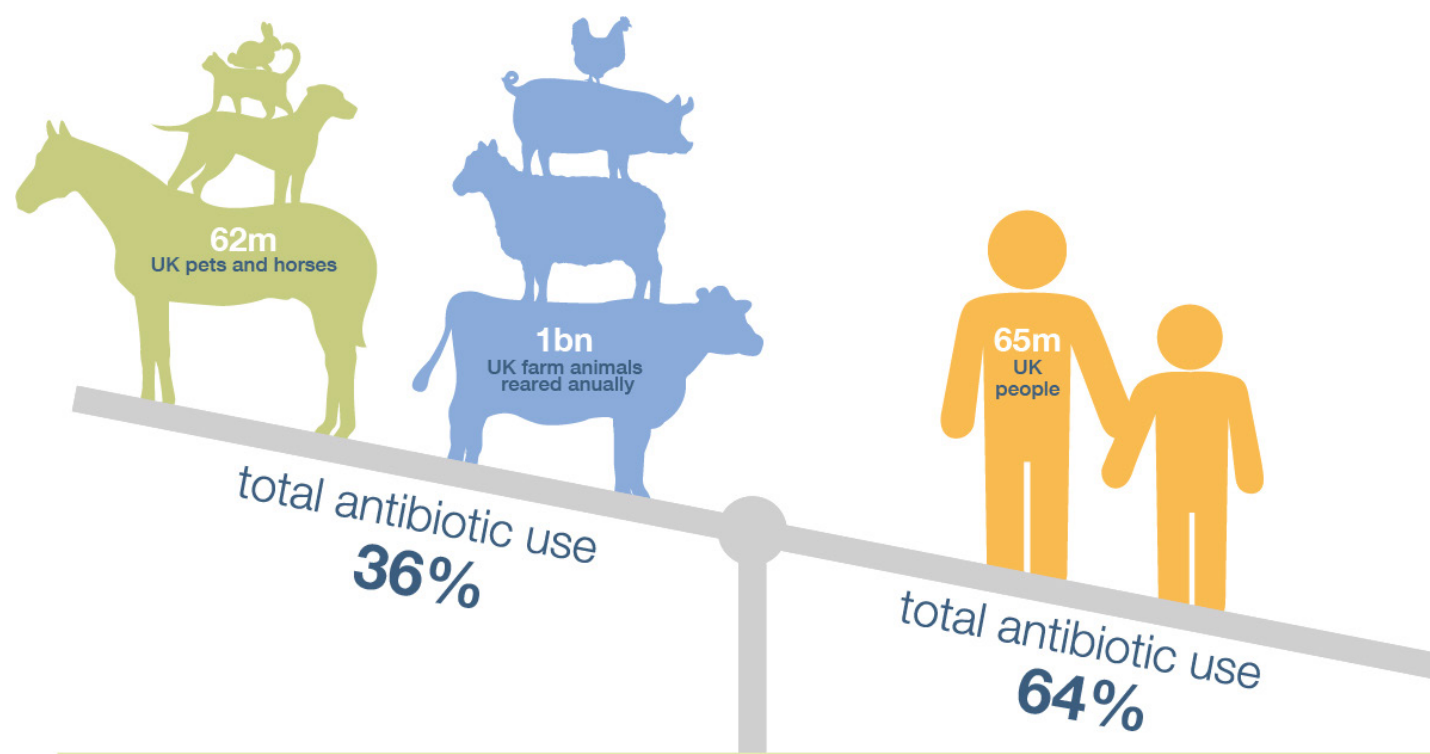
translate

WE ACTIVELY SUPPORT

RESPONSIBLE USE OF MEDICINES IN AGRICULTURE ALLIANCE
RUMA

Food Industry Initiative on
ANTIMICROBIALS

MEDICINE+HUB



**In the UK, 3 times more antibiotics are used to
treat people than animals on a 'kg for kg' basis**

One Health report 2019 (using 2017 data), based on tonnes of active ingredient

Produced by RUMA www.farmantibiotics.org

Responsible use in farm animals is important but must be kept in perspective compared to human use.

UK antibiotic sales for food-producing animals have reduced by 55% since 2014.

Responsible Use does not mean 'no use'! RUMA – 'As little as possible, as much as necessary' To protect animal welfare, public health and to reduce AMR.

Medicine laws – Strict legislation for animal medicine use & medicine withdrawal times – stops antibiotics entering the food chain in meat.

Farm Vet prescription of antibiotics – controls process at farms / Surveillance sampling – confirms strict controls in meat. Ensures Food Safety.



8 Ways to be Antibiotic Aware

1

Antibiotics save lives, but they aren't always the answer when you are sick

2

Antibiotics do not work on viruses

3

Antibiotics are only needed for treating certain infections caused by bacteria

4

An antibiotic will NOT make you feel better if you have a virus

5

Any time antibiotics are used, they can cause side effects

6

Taking antibiotics creates resistant bacteria

7

If you need antibiotics, take them exactly as prescribed

8

Stay healthy: clean hands, cover coughs, and get vaccinated, for the flu, for example



Antimicrobials

A SIMPLE OVERVIEW

fs FOOD SAFETY
WEEK
2023

Prevent or treat infections caused by

BACTERIA



Animals: Chlamydial abortion (sheep), Salmonella, Leptospirosis, Footrot, Pasteurella, Clostridia

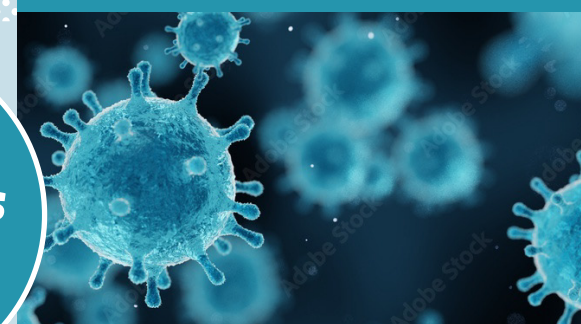
Humans: Scarlet fever, STI's like Gonorrhoea, Cellulitis, Pneumonia

Antibiotics

Also known as Antibacterials

Prevent or treat infections caused by

VIRUSES



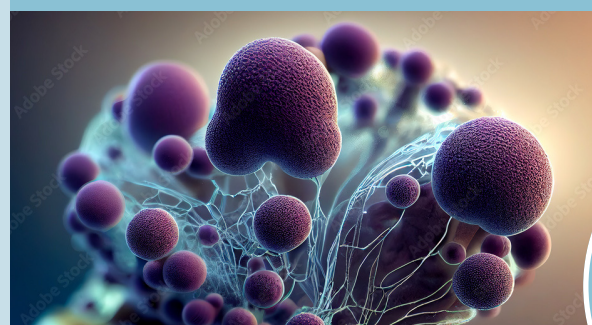
Animals: Bovine Viral Diarrhoea (BVD), Respiratory viruses (IBR, RSV, PI3), Orf, Blue Tongue, Coronavirus

Humans: Covid -19, HIV, chickenpox / shingles, Colds, Flu

Antivirals

Prevent or treat infections caused by

FUNGI



Animals: Ringworm

Humans: Ringworm, Thrush, Athlete's foot

Antifungals

Prevent or treat infections caused by

PARASITES



Animals: Sheep scab, Ticks, Gut worms, Toxoplasma abortion

Humans: Malaria, Nits / head lice, Threadworms

Anti-parasitics

What is an Antimicrobial?

Are medicines used to prevent and treat infections caused by microorganisms in humans, animals and plants

15th February **AMR**

KEEP ANTIBIOTICS *Working*



ANTIBIOTICS ARE NEEDED FOR

*Serious bacterial
infections including:*

Sepsis

Pneumonia

Urinary tract infections

Sexually transmitted
infections like gonorrhoea

Meningococcal meningitis



ANTIBIOTICS DON'T WORK FOR

Colds

Flu

Vomiting

Most coughs

Most ear infections

Most sore throats

Global DISASTER

A failure to address the problem of
ANTIBIOTIC RESISTANCE could result in:

1 
MILLION
Deaths by 2050

Deaths from simple common bacterial infections that can no longer be treated.

Imagine – What if antibiotics were not able to treat children with Scarlet Fever?





A WORLD WITHOUT

Antibiotics

fs FOOD SAFETY
WEEK
2023



Pre-antibiotic age

In a world before antibiotics, which was as recently as the 1930's, people often died from infections like pneumonia or meningitis.

Simple medical procedures and operations were risky due to the chance of infection. Antibiotics changed that.



Antibiotic age – Now

Since the 1940's, our antibiotics have allowed us to fight infections and save millions of lives.

However, they are becoming ineffective against many infections because we aren't using them properly.



Post-antibiotic age

If bacteria become 'resistant' to our antibiotics, many routine treatments will again become increasingly dangerous. Setting broken bones, basic operations, even chemotherapy, for cancer treatment, all rely on access to antibiotics that work.

Antibiotic resistance is one of the biggest threats facing us today but we have a chance to fight back, but only if we use antibiotics responsibly.

Find out more: www.antibioticguardian.com

15th February **AMR**

Handwashing



Good hand washing stops you spreading bacterial infections to other people (and to food) that may be antibiotic resistant

- ⇒ **Food Safety**
- ⇒ **AMR Reduction**
- ⇒ **Human Health**

Keep **Antibiotics** Working



BECOME AN ANTIBIOTIC GUARDIAN

Overuse / Misuse of antibiotics in animals and humans causes Anti-Bacterial Resistance.

Antibiotics must be used Responsibly in animals and humans.

GUESS HOW MANY

Antibiotics Are in the Jar



15th February **AMR**

PRIZES TO BE WON

PLAY THE GAME

Be in with a chance to WIN a voucher!!