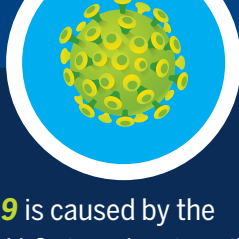


COVID-19 & ANTIMICROBIAL RESISTANCE: DUAL HEALTH THREATS



COVID-19 is caused by the SARS-CoV-2 virus. It primarily affects the respiratory system and can lead to severe complications, requiring hospitalization. There is currently no known cure.



Antimicrobial Resistance occurs when microbes (bacteria, fungi, and viruses) develop ways to survive against, or resist, medicines called antimicrobials that are designed to treat infections.

IMPACT ON GLOBAL HEALTH:



COVID-19 Fatalities
5 million in 2020¹
3.5 million in 2021²



AMR Fatalities
1.27 million annually³

Those most vulnerable to **COVID-19** are also most vulnerable to drug-resistant infections⁴:

Over Age 65

With **compromised IMMUNE SYSTEMS**

TRANSPLANT RECIPIENT

With **CHRONIC HEALTH conditions**

HOW DOES COVID-19 CONTRIBUTE TO AMR?

Antibiotic therapy for COVID-19 patients was as high as

72% in some hospitals⁵



Only 8%

of COVID-19 patients were found to have bacterial or fungal co-infections⁵



HOW CAN WE FIGHT COVID-19 & AMR?

WITH DIAGNOSTICS:

- 1 Reduce unnecessary antibiotic use** with shorter turnaround times for COVID-19 tests⁶
- 2 Differentiate between viral and bacterial infections** to determine the best course of treatment
- 3 Make informed decisions about when antibiotic therapy can be safely discontinued**

WITH VACCINES:

- 1 Reduce COVID-19 infections**
- 2 Reduce the potential for unnecessary antibiotic use**
- 3 Decrease the likelihood of spreading drug resistance⁷**

Includes COVID-19 vaccines that are in development, annual flu vaccines, vaccines against common childhood illnesses, and others for vaccine-preventable diseases

HOW YOU CAN CONTRIBUTE:

- 1 Follow your doctor's instructions** for treatment when you are sick.
- 2 Do not share antibiotics** or other prescription medications with other people
- 3 Take infection prevention measures:** wash your hands, wear a mask in public places, & practice safe social distancing.

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