

## First release

November, 2022

## **Editorial Board**

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### **Narrator**

(1) Tinu-Minu and Super Bug: Ms. S. M. Sabrina Yesmin, Assistant Director, DGDA. (2) Thoughts of Tapa-Gopi: Ms. Umme Habiba, National Consultant-AMR, WHO-Bangladesh.

## **Translator**

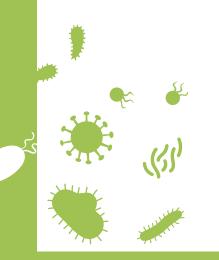
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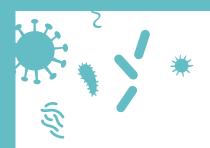
## **Cover and Graphics**

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The Government of the People's Republic of Bangladesh Directorate General of Drug Administration, Health Service Division Ministry of Health and Family Welfare





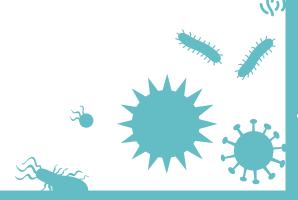
#### Introduction

An even bigger epidemic than Covid-19 awaits us is antimicrobial resistance (AMR). The World Health Organization has declared antimicrobial resistance (AMR) as one of human civilisation's top 10 health threats. Currently 12 lakh 70 thousand people die annually due to antimicrobial resistance. If this continues, one crore people will die every year in 2050.

Naturally occurring antimicrobial drugs can kill various microorganisms (eg, bacteria, viruses, fungi, parasites). But the special condition in which the antimicrobial medicine cannot destroy all these microorganisms or fails, that condition is called antimicrobial resistance. Antimicrobial drugs are antibiotics, antivirals, antifungals and antiparasitics.

The main causes of antimicrobial resistance are unnecessary or non-prescription antimicrobial drugs, especially voluntary consumption of antibiotics, not completing the full course of antibiotics, use of antibiotics in animal and fish feed (feed) or treatment.

We must be aware of protecting our future generation from this coming pandemic. This "comics book" has been prepared by the Directorate General of Drug Administration so that children, adolescents, and youth can also understand this clearly, and they can make their parents, relatives and neighbors aware.

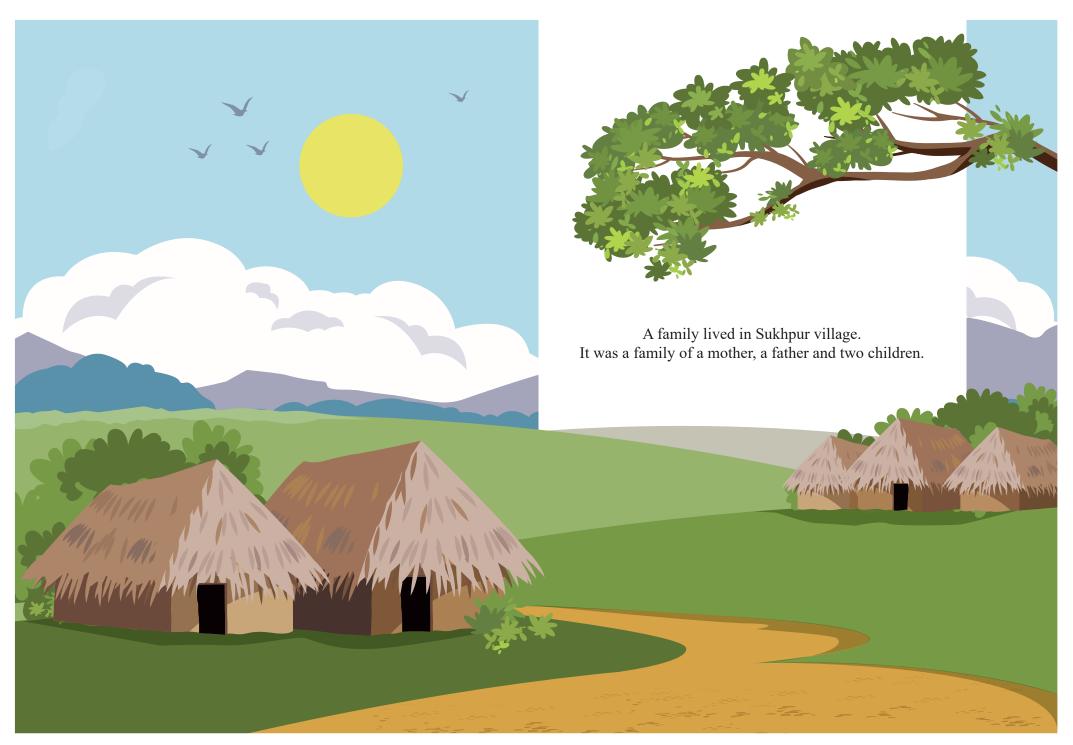


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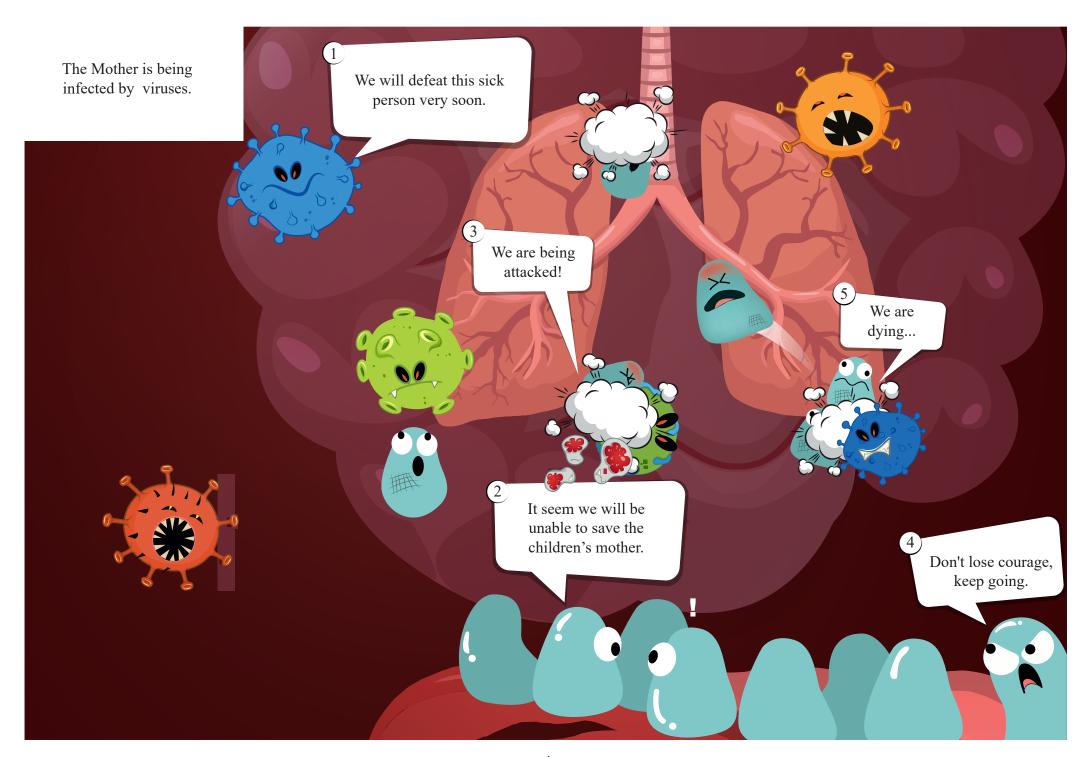
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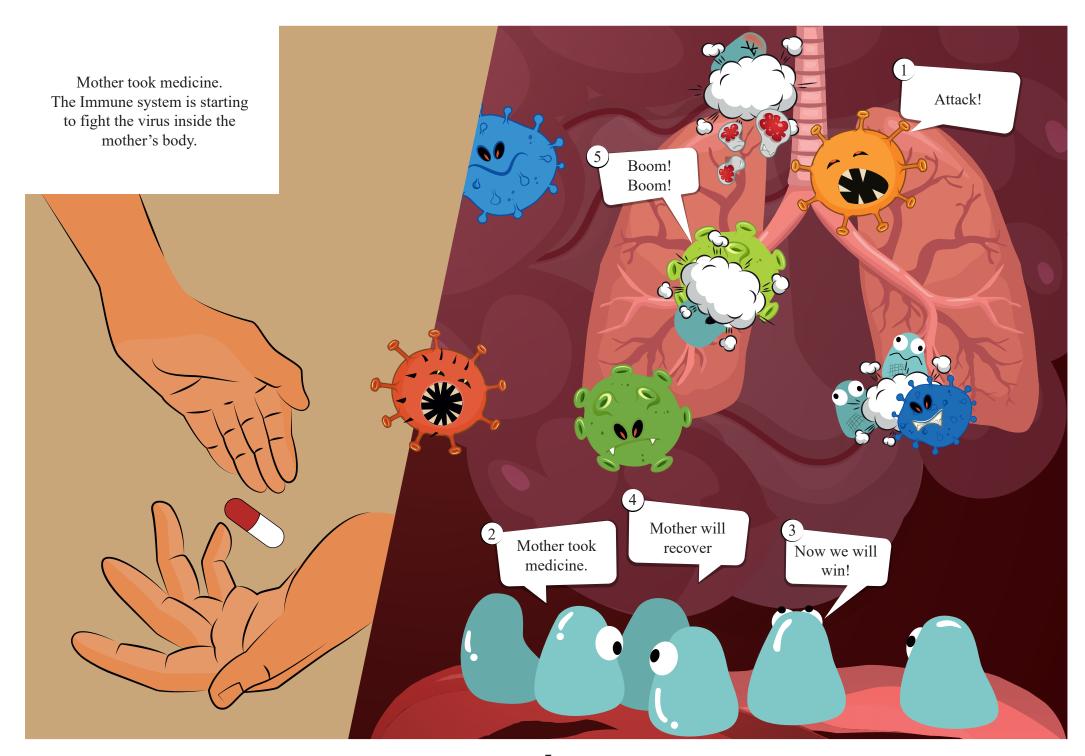




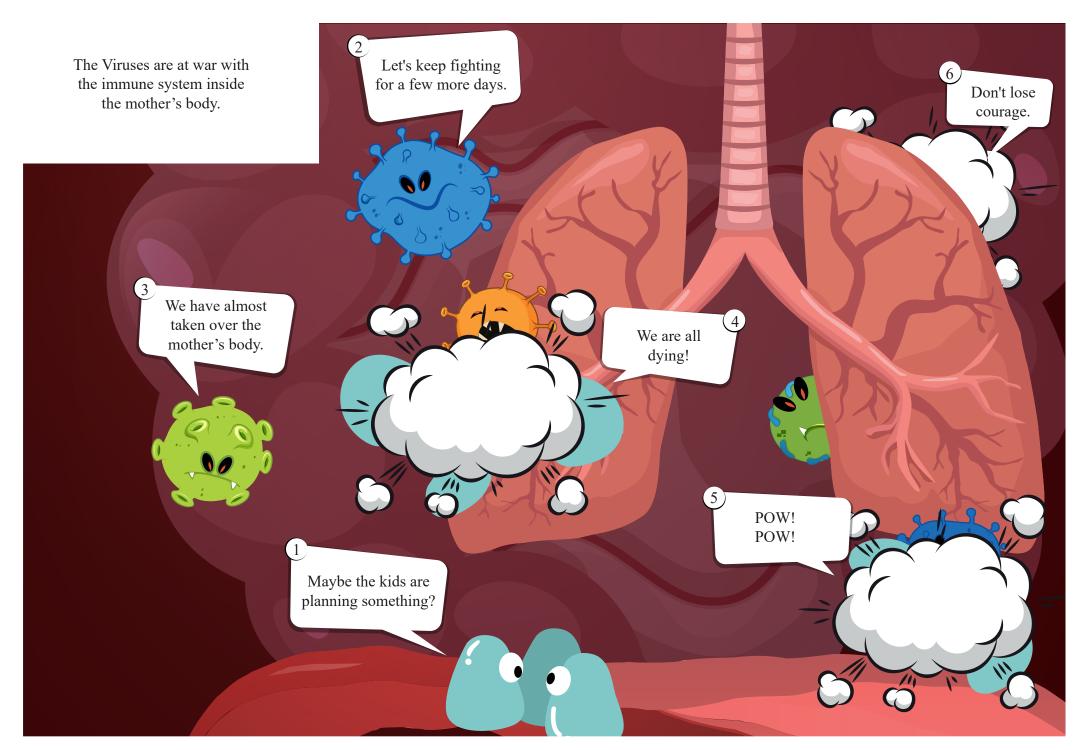












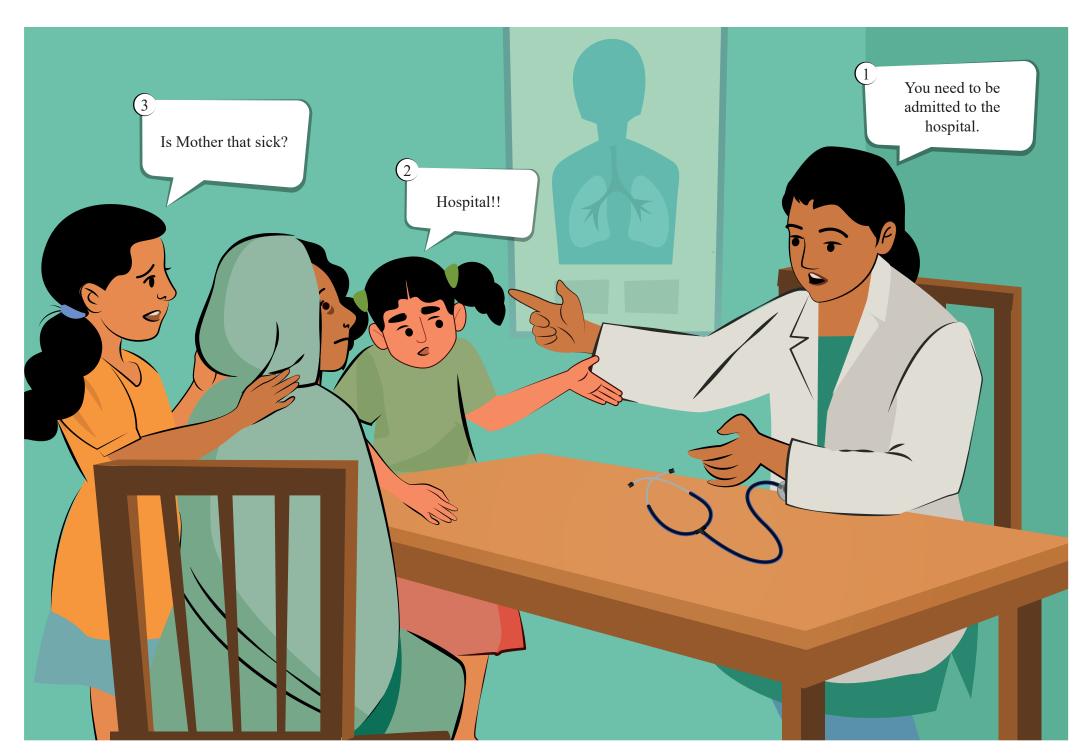




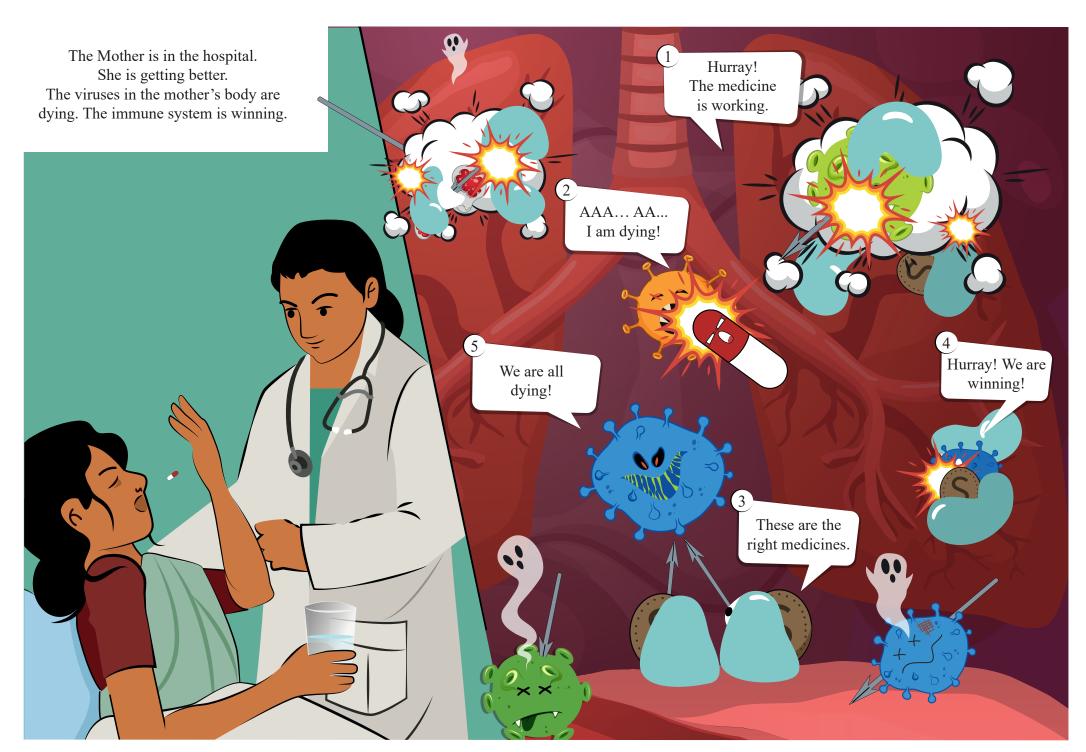




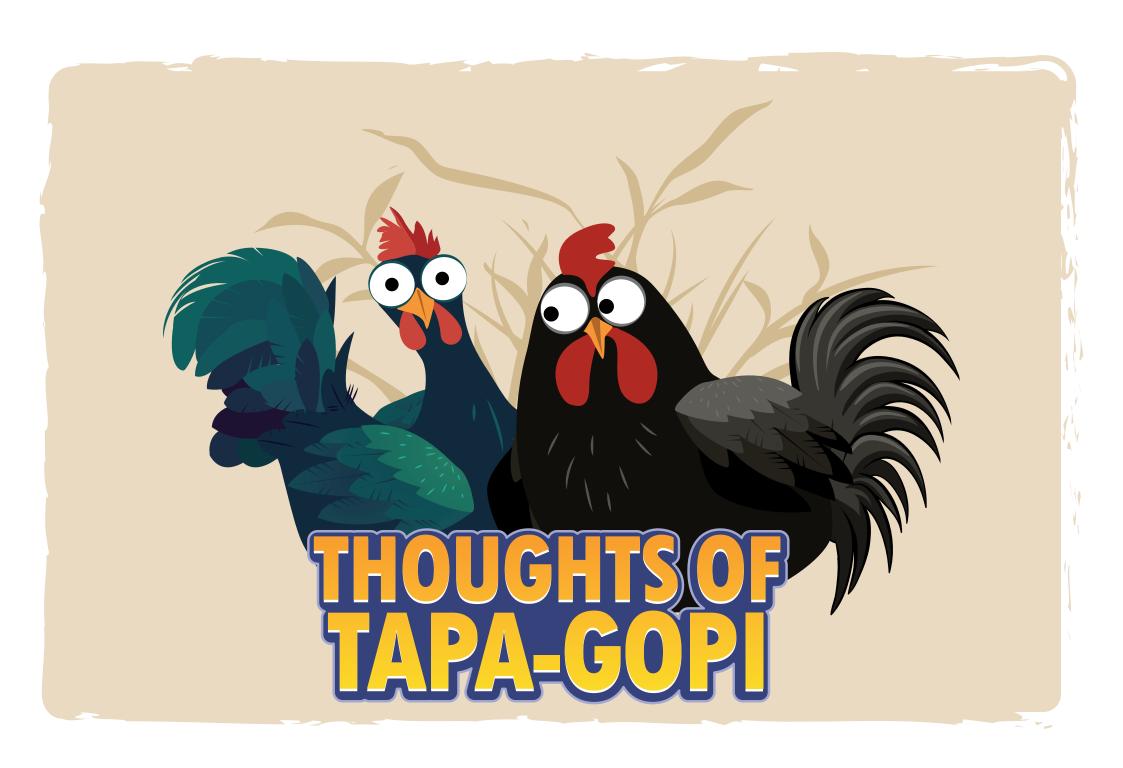








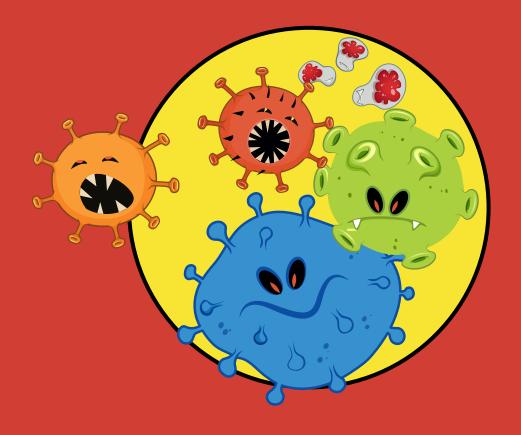












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