

Antimicrobial Awareness [†]

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Abstract: Antimicrobials are medicines used to treat infections caused by viruses, parasites, fungi, bacteria. Discovery of antibiotics, microbes are responsible for drug-resistant infections. Antimicrobial resistance occurs in the genetic change in viruses, fungi, parasites, and bacteria, making them resistant to the drugs that typically combat them. Mechanism of antimicrobial resistance how it has developed; it is a natural phenomenon. Misuse and overuse, and inappropriate use of antibiotics may accelerate this—research in humans and livestock, how it is used and where they develop. In India's use of antibiotics WHO(world health organization)declared one of the top 10 global public health threats facing humanity. Death attributable to AMR every year compared to other major causes of death attributable to AMR every year by 2050 in the world. Spreading spread of antimicrobial resistance, along with food chain development and multiplication of drug-resistant bacteria. Where and who uses Humans- hospitals, community. Animals-pets, livestock. Agriculture- crops, aquaculture. A global survey of the use of antibiotics, preserving and preventing antimicrobials by keeping clean hygiene proper health professionals instructions era of ending antibiotics due to misuse we run the risk of antimicrobial loss their effectiveness. And kill good bacteria of our body cells. Key facts- the cost of AMR to the economy is significant. AMR is a global health and development threat.

Keywords: antimicrobial resistant; antibiotics; bacteria; resistance

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Conflicts of Interest

The authors declare no conflict of interest.