



## Editorial about experience regarding Antimicrobial Resistance (AMR)

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Antimicrobial resistance is a continuous threat and poses significant public health problems in terms of mortality and economic loss. In the fight against antimicrobial resistance, it is important to realize the contributory factors of all spheres i.e. humans, animals, food, and the environment. Antibiotic resistance occurs due to misuse, overuse, and inappropriate use in terms of dose and duration of treatment. Along with this poor infection control practices in hospitals and clinics, lack of hygiene, and poor sanitation are also contributory factors. In lower middle-income group countries, the development of drug resistance is mainly accelerated by the lack of access to timely diagnosis and appropriate treatment. Here at UCMS & GTB Hospital, I am glad to say we are actively participating in the prevention of AMR. All are equally important doctors, patients, citizens, pharmacists, policymakers, and veterinarians. So, we have conducted several campaigns in public places, at multiple hospital sites with AMR slogans, and discussed ways to address the growing threat. We also conducted hand hygiene sessions, several clinical case discussions, AMR webinars, and skits played by

our residents in which stories were shared about the wrong practicing of a medical practitioner and pharmacist. The aim was to increase global awareness and understanding of AMR and promote best practices among these all to reduce the emergence and spread of drug-resistant pathogens. Antibiotics are valuable and non-renewable medicines that should only be used when necessary. Recent data from the hospital and community levels showed an increase in the burden of antimicrobial resistance. Also, the Health authorities of several countries have formulated action plans for its containment. Nowadays lack of development of new antibiotics is also a very big challenge. So, it is necessary to use antibiotics judiciously. AMR is a silent pandemic and a serious global public health issue that needs to be addressed immediately. Everyone has definite role individuals, health care professionals, policymakers, the health care industry, or agriculture sectors. So, we all must decide our objectives and work accordingly. There will be no peace until we all work in harmony.