THE CYCLE OF RESISTANT BACTERIA

When bacteria are exposed to antimicrobials, they are more prone to become resistant, because they will adapt (mutate) in order to survive. Furthermore, bacteria can transmit its resistance features to other bacteria.

Inadequate use of antimicrobials excelerates the development of resistant bacteria.

Resistant bacteria end up in the environment through waste water.

Inadequate use of antimicrobials in animals and plants also leads to resistant bacteria.

Food can contain resistant bacteria.

Food transported can contain resistant bacteria.

Fish farm, cattle raising, agriculture.

Distribution of drink water.

Inefficient control of infections spreads resistant bacteria.

Working together to fight antimicrobial resistance.