

## Antimicrobial Resistance

**For Healthcare Professionals** 





Antimicrobial resistance (AMR) has a broad impact on human health as it contributes to increase length of stay, treatment failures, and significant human suffering and deaths, as well as leading to increased healthcare costs.



## **What is Antimicrobial Resistance?**

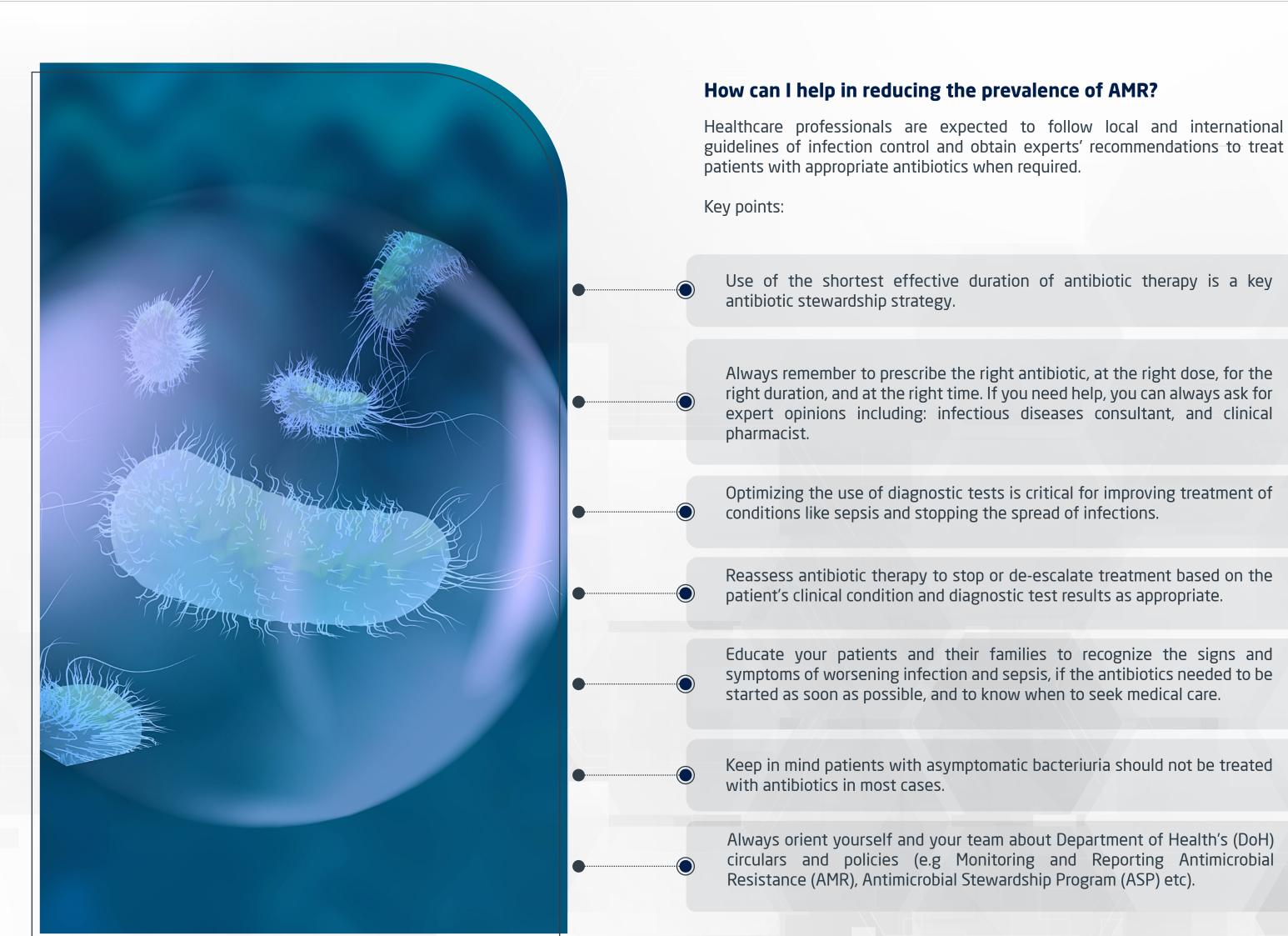
Antimicrobial Resistance (AMR) is the ability of microorganism such as (bacteria, viruses, fungi and parasites) to modify over time and have reduce response to antimicrobial treatment making infections resistant; difficult to treat and increasing the risk of disease spread, severe illness and might lead to death. As a result of drug resistance, antibiotics and other antimicrobial medicines become ineffective and infections become increasingly impossible to treat.

## Why is AMR increasing?



- 01
- Misuse and overuse of antimicrobials in humans, animals and plants are the main driven factors in the development of drug-resistant infections.
- 02
- Some viral illness can share the same symptoms with other bacterial infections which can be managed by supportive treatment rather than antibiotics.
- **OB**
- Treatment noncompliance by patients can lead to worsening of antimicrobial resistance.
- 04

In some countries, lack of clean water and sanitation and noncompliance to infection prevention measures.



## Spread Awareness Stop Resistance





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