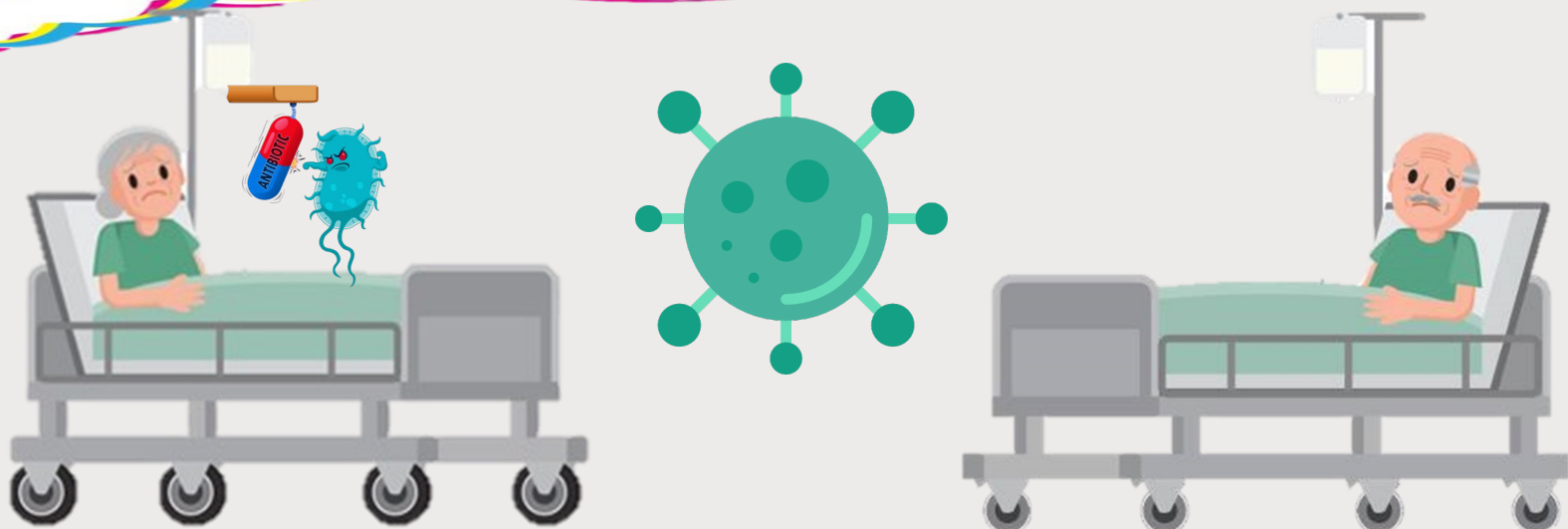


## “Factors Affecting Antibiotics Use Before and During the COVID-19 Pandemic”

### Background

- The real challenge was when a couple was admitted to the COVID-19 ICU ward, infected with COVID pneumonia.
- The husband was treated, got well, and sent home.
- But the wife deteriorated rapidly due to Multi-Drug Resistance (MDR) Bacteria.



“Factors Affecting Antibiotics Use Before and During the COVID-19 Pandemic”

A

Access

W

Watch

Re

RESERVE



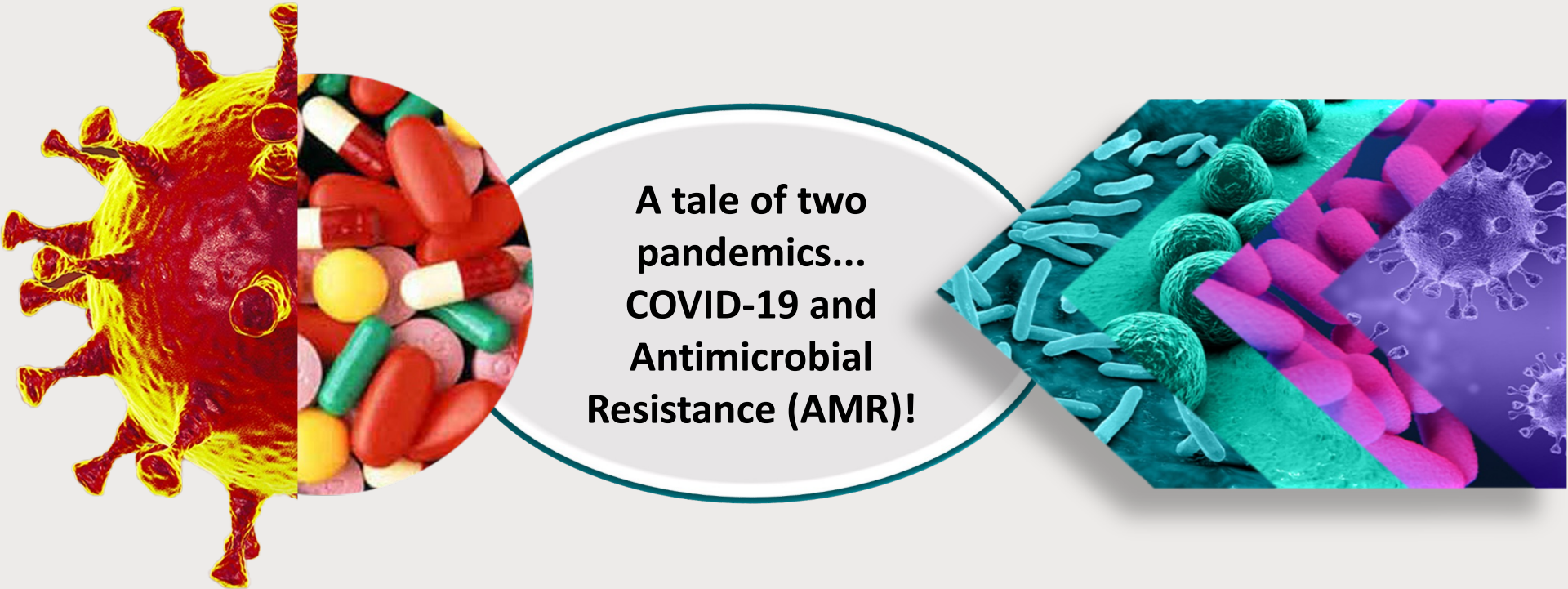
Antibiotics are classified into,  
Access, Watch and Reserve.

However, the wife was  
fortunate...

There was an antibiotic  
RESERVED to treat her.

**“Factors Affecting Antibiotics Use Before and During the COVID-19 Pandemic”**

## Background



## Method

- My thesis aims to identify the factors that affect the appropriate use of antibiotics before and during the COVID-19 pandemic.
- It includes **THREE SEQUENTIAL STUDIES**.

1

First Study

Systematic Literature Review



2

Second Study

Retrospective Review



3

Last Study

Survey Questionnaire



**“Factors Affecting Antibiotics Use Before and During the COVID-19 Pandemic”**

**Findings and Results:**



The main findings of this research are to identify factors affecting antibiotics use and provide practical ways to improve the safety and quality of patient care.

**“Factors Affecting Antibiotics Use Before and During the COVID-19 Pandemic”**



The good news is that  
**BOTH** were recovered  
and treated  
successfully.



**“Factors Affecting Antibiotics Use Before and During the COVID-19 Pandemic”**

**Conclusion:**

- It is essential to be prepared for any upcoming or future pandemics and provide practical ways to improve the safety and quality of patient care and contribute significantly to AMR reduction.

