

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the name of **ALLAH**
the most Beneficent and the most merciful



COMMUNICABLE DISEASES -5

SARS

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- SARS is a viral disease, caused by a **new strain of *coronavirus***
- The most common symptoms in patients progressing to SARS include fever, malaise, chills, headache, myalgia, dizziness, cough, sore throat and runny nose.

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- In some cases there is rapid deterioration with acute respiratory distress with 10% death rate
- Chest X-ray findings typically begin with small, unilateral patchy shadowing progressing to become bilateral and generalized, with interstitial/confluent infiltration

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- Infants and children are rarely affected by this disease
- There is no evidence of SARS transmission in schools

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- **PROBLEM STATEMENT**

The earliest case was traced to a health care worker in China in late 2002, with rapid spread to Hong Kong, Singapore, Vietnam and Taiwan

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- **PROBLEM STATEMENT**

As of August 2003, about 8422 cases were reported to WHO from 30 countries with 916 deaths

- **INCUBATION PERIOD:** 2-7 days

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- **MODE OF TRANSMISSION**

- It is through close contact with the patient and infected material via the eyes, nose and mouth, with respiratory droplets

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- **MODE OF TRANSMISSION**

- There is no evidence that SARS is an airborne disease
- Sewage, faeces, cockroaches can spread SARS
- Virus can survive outside human body

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- **PREVENTION:** The preventive measures are;
 - Prompt identification of cases, contacts and their movement
 - Effective Isolation of SARS patients in hospital

SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

- **PREVENTION:** The preventive measures are;
 - Appropriate protection of treating staff
 - Exit screening of international travelers
 - Timely and accurate reporting and sharing of information with other authorities/governments.

THANK
YOU

THAT IS LIFE

