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## Coronavirus disease (COVID-19)

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### Introduction

Corona is the Latin word Means crown, because its shape under the microscope is like a crown. Most coronaviruses aren't dangerous.

But In early 2020, after a December 2019 outbreak in China, the World Health Organization (WHO) identified a new type, 2019 novel coronavirus (2019-nCoV), which can be fatal. The organization named the disease it causes COVID-19.

### Definition

Coronaviruses (CoV) are a large family of viruses that cause illness ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV). A novel coronavirus (nCoV) is a new strain that has not been previously identified in humans.

### Routs of infections

- Coughing and sneezing without covering the mouth.
- Touching or shaking hands with a person who has the virus can pass the virus between individuals.
- Making contact with a surface or object that has the virus and then touching the nose, eyes, or mouth.
- Some animal coronaviruses, such as feline coronavirus (FCoV), may spread through contact with feces.
- Children, old adult and pregnancy.

### Symptoms

Signs and symptoms of infection with the new coronavirus may appear two to 14 days after exposure and can include:

- Fever
- Cough
- Shortness of breath or difficulty breathing

The severity of the new coronavirus symptoms can range from very mild to severe, even death . Although understanding of this disease continues to grow, most people with severe illness have been of an older age or had other significant existing medical conditions. This is similar to what is seen in people who have severe infections with other respiratory illnesses, such as influenza.

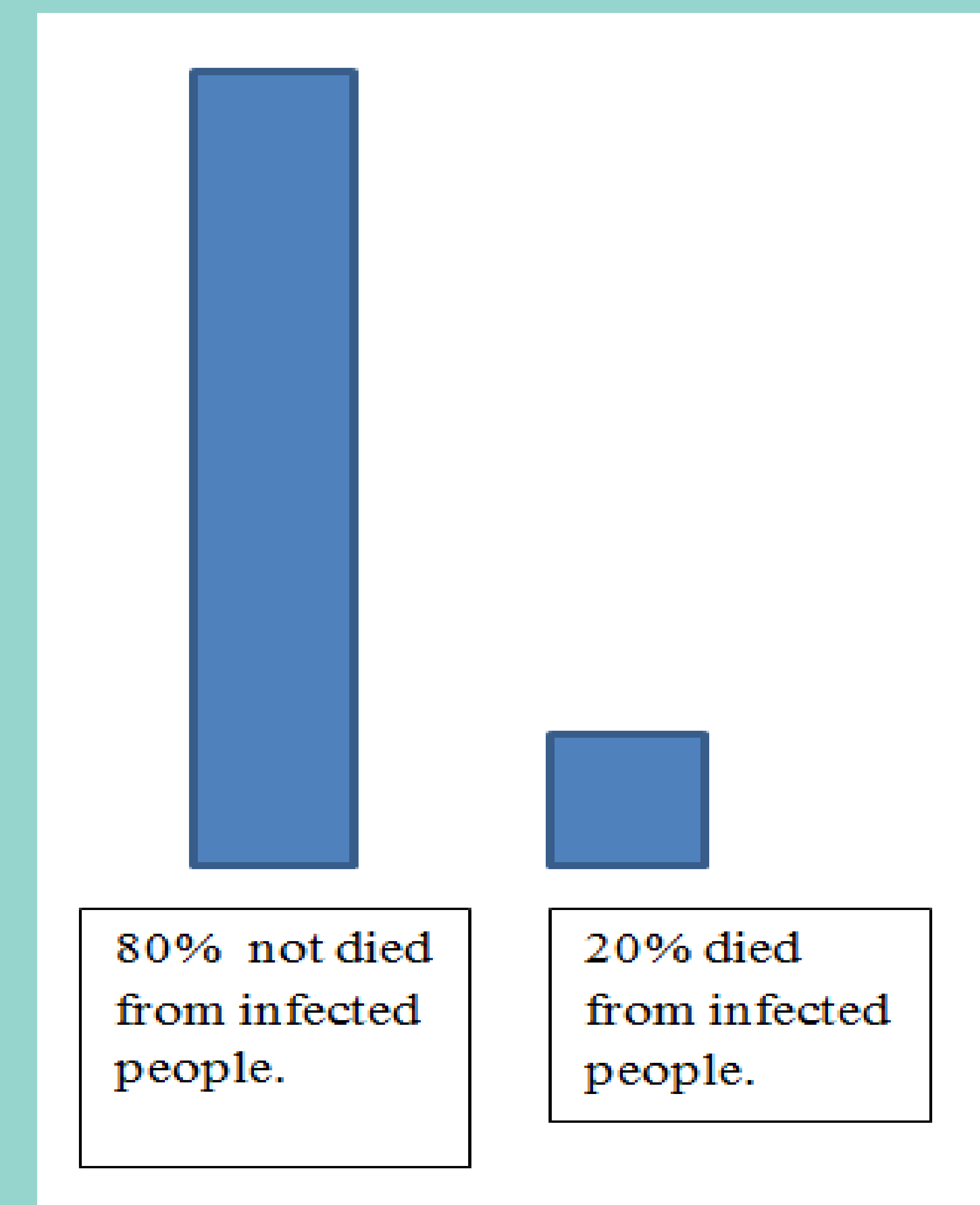
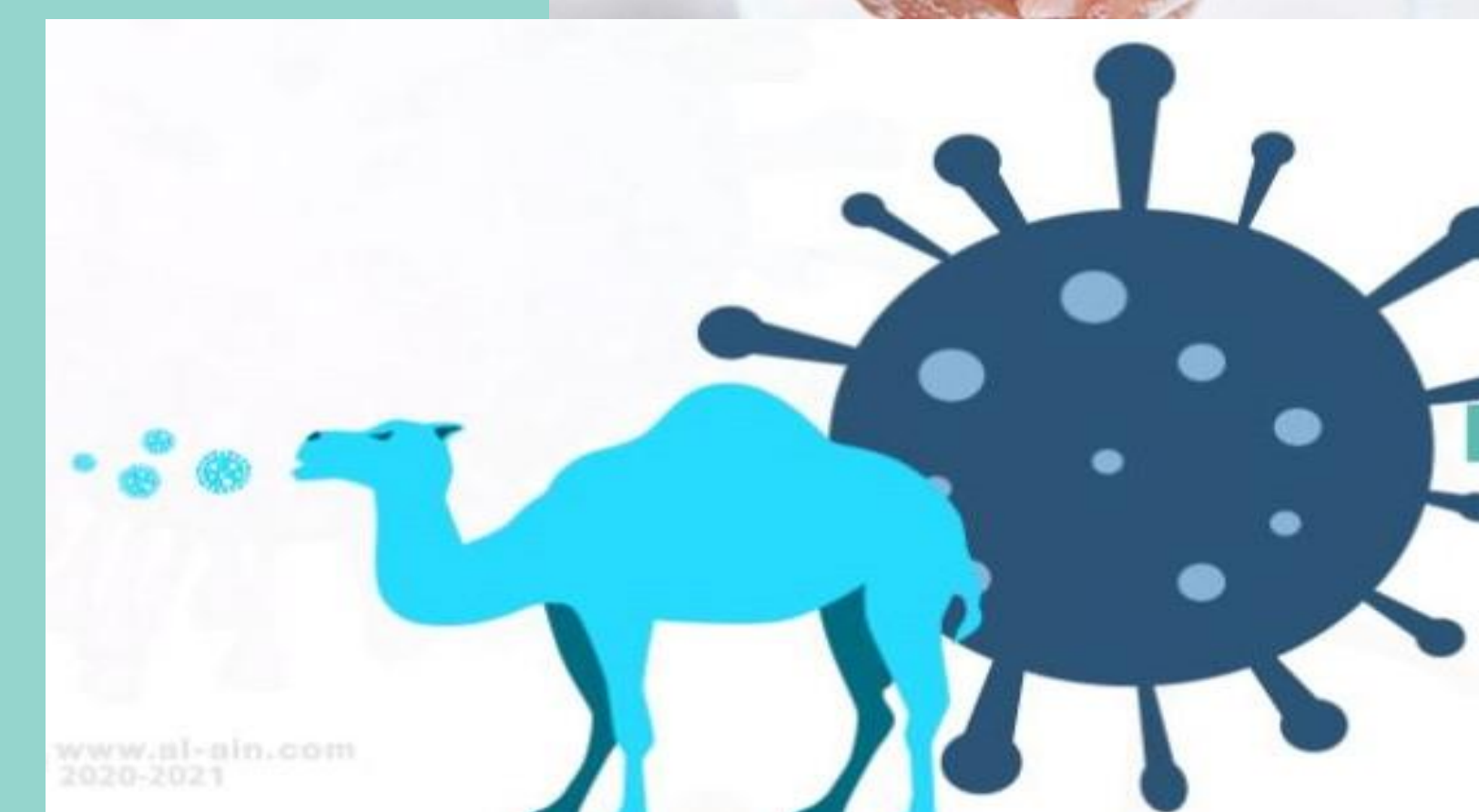
### Results

- ✓ The number of confirmed cases of infection has reached 11,953, mostly in China.
- ✓ There are 6 individuals, 4 of whom are from one family in the UAE.
- ✓ Coronavirus develops in 20% of infected people.
- ✓ 2 out of every 100 people living with HIV die.
- ✓ 24 countries where the coronavirus has spread and the UAE is the only one in the Eastern Mediterranean.
- ✓ It cannot be predicted that its spread in the world.
- ✓ The Middle East region is one of the most dangerous areas due to several reasons, including flights coming directly and unscheduled.

### Prevention

The best way to prevent illness is to avoid being exposed to this virus. However, as a reminder, CDC always recommends everyday preventive actions to help prevent the spread of respiratory diseases, including:

- Avoid close contact with people who are sick.
- Avoid touching your eyes, nose, and mouth.
- Stay home when you are sick.
- Cover your cough or sneeze with a tissue, then throw the tissue in the trash.
- Facemasks should be used by people who show symptoms of COVID-19 to help prevent the spread of the disease to others.
- Wash your hands often with soap and water for at least 20 seconds.



### Conclusion

Avoid close contact with ill patient .  
 Use CDC roles of prevention as daily routine  
 If you get any of these symptoms ask for help .  
 No rules for antibiotics in this disease .  
 Avoid hospitals if not necessary as you can .

### Reference

- [www.webmd.com/lung/coronavirus#1](http://www.webmd.com/lung/coronavirus#1)
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