

The video shows what corona virus can do to patients' lungs: Everyone, please take the flu very seriously.

The video was posted by Dr. Keith Mortman, chief of thoracic surgery at George Washington University Hospital (USA), about what happens to a patient with coronary virus infection. It is noteworthy that a few days earlier, the patient did not even show any symptoms.

The situation of the Covid-19 pandemic in the world in recent days has been very ominous, with many changes at major outbreaks around the world. In the past week, statistics recorded Italy overtaking China in terms of deaths, becoming the country with the largest number of deaths from disease in the world today. On March 27, we also witnessed the United States surpassing China in the number of infected people, becoming the largest outbreak in the world.

Blockade orders are issued in many countries around the world - including India, a country of 1.3 billion people. However, there are still those who have not taken this story seriously, still going on the streets, doing normal activities and not strictly implementing the blockade orders of the nations. And in part because, they have yet to understand what the new strain of coronavirus (SARS-CoV-2) can do.

The video was published by Dr. Keith Mortman, chief of thoracic surgery at George Washington University Hospital (USA). It was a 3D simulation of what happened to his patient - a person infected with the corona virus. It is noteworthy that a few days earlier, the patient did not even show any symptoms.

The video shows the virus causing extensive lesions in the healthy pulmonary cavity of a 59-year-old patient. According to Mortman, the patient was male, with a history of hypertension. Since the illness worsened, the victim had to rely on a ventilator to breathe, but even running at the highest capacity was not enough. He even needed another machine to circulate and add oxygen to the blood.

"This is not a 70, 80 year old patient with a limited immune system, or diabetes," - Mortman said. "In addition to high blood pressure, this person doesn't have any other significant underlying medical conditions. And if the following scan is done for about a week, the infection may be even worse."

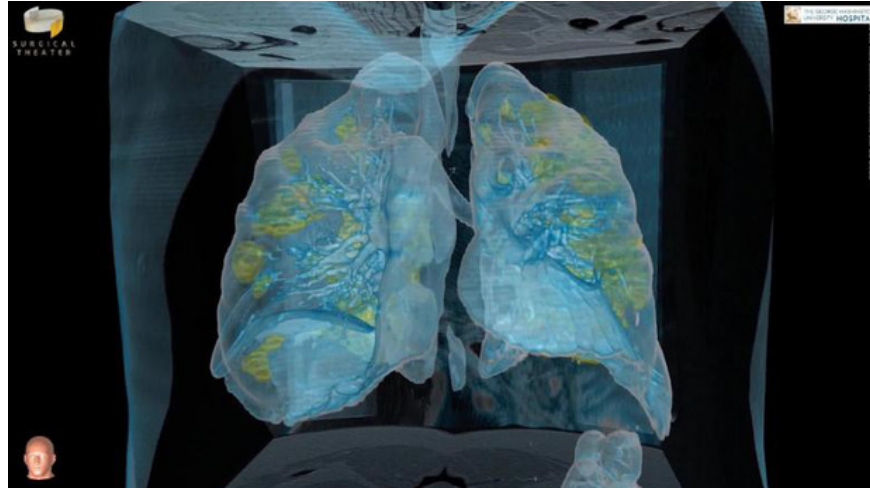
In the video, the yellow area represents areas of inflamed lungs. When the lungs come into contact with viruses, their organs will stop them. However, the scan showed that the lesions in the lungs did not stop in a single area, but included a large area in both lungs. This shows that the virus attacks very quickly and aggressively, even for younger patients at risk years. For a healthy patient, the scan will not see yellow areas.

Mortman shared, the patient is currently in intensive care. *"For patients with respiratory failure, the damage to the lungs spreads very fast," - he shared. "Unfortunately, once damage is done to that extent, the lungs will take a long time to recover. About 2% - 4% of patients with Covid-19 will experience irreversible damage over the*

long term. term. "

In essence, Covid-19 was a respiratory disease. *"They will enter the mucous membrane and enter the lungs. The body seeks to control this through the inflammatory response,"* - Mortman said.

"You will see the lungs become inflamed when the body controls the infection."



The yellow areas are the viral lesions

According to Mortman, the inflammatory process prevents the lungs from oxygenating the blood and removing CO2. This makes it difficult for the patient to breathe, or to breathe short and faster to replenish oxygen for the body.

"I want everyone to see and understand what it (the virus) can do," Mortman announced. *"Everyone needs to take the epidemic seriously."*

This is also the first time that doctors have been applying computed tomography technology to make videos in the battle against the new strain of corona virus. "At the moment, we are still very dim. So I want us to understand more about viruses."

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