

How COVID-19 Infection Associates with Cardiovascular Emergency?

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Abstract

The coronavirus (COVID-19, SARS-Co-2) pandemic is the biggest human health-catastrophic in 2020. The origin and pandemic of COVID-19 sparks many biomedical hypotheses and therapeutic development. The association between cardiovascular emergency and COVID-19 infection is a new frontier for coronavirus pandemic study. Different situations associated with COVID-19 infection are required to counteract with potential cardiovascular emergence in the clinic.

Keywords: Obesity; COVID-19; Emergency; Viral Treatment; Inflammatory Factors; Viral Infection

Background

The coronavirus (COVID-19, SARS-Co-2) pandemic is the biggest human health-catastrophic in 2020 [1-9]. The origin and pandemic of COVID-19 sparks many biomedical hypotheses and therapeutic development. The association between cardiovascular emergency and COVID-19 infection is a new frontier for coronavirus pandemic study.

Methods

Understanding different situations associated with COVID-19 infection are required to counteract with potential disease emergence in the clinic. Following medical topics are important for future.

Coronavirus infection and consequence

- Is it a risk factor for increasing human mortality?
- Does it need some other drug treatment?
- Are there some new pathological pathways by virus infection?

COVID-19 infection and other diseases

The pathology pathways leading to human mortality by COVID-19 are largely unknown. A number of clinical pathogenesis has been associated (co-morbidity) [7-9]. Human metabolic abnormal is part of this series of human co-morbidity and potential human mortality [10-15]. Different types of counteractive measures are suitable for different individuals. Apart from life-style and energy limitation, cellular and molecular etiologic/pathological mechanism study may be indispensable [16-18].

Cardiovascular emergency

Apart from pulmonary injure, COVID-19 also affects other human organs—cardiology, gastrointestinal, neuropathology, kidney and others [19]. COVID-19 may affect human mortality in patients with cardiovascular emergency. Proper diagnosis and analysis of human emergency condition may be a predictive parameter for consequent therapy. It is an open question to exploration.

Future Direction

Several pathways are important for the future:

- Molecular pathogeneses for cardiovascular emergence associated with viral infection.
- Find the convention and pipeline for drug development.
- Clinical paradigms for overcoming this unfavorable situation.

Conclusion

Human emergency is a strong associated with human morbidity and mortality. Modern genetic/molecular diagnosis in the clinic is indispensable for therapeutic promotions of COVID-19 infections.

Conflict of Interests

None.

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