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An overview of COVID-19

Key words: COVID-19, SARS-CoV-2, Pathogenesis, Epidemiology, Prevention and management

Research Summary

This review summarizes the latest findings and expert consensuses on COVID-19, an emerging respiratory disease in the following aspects:

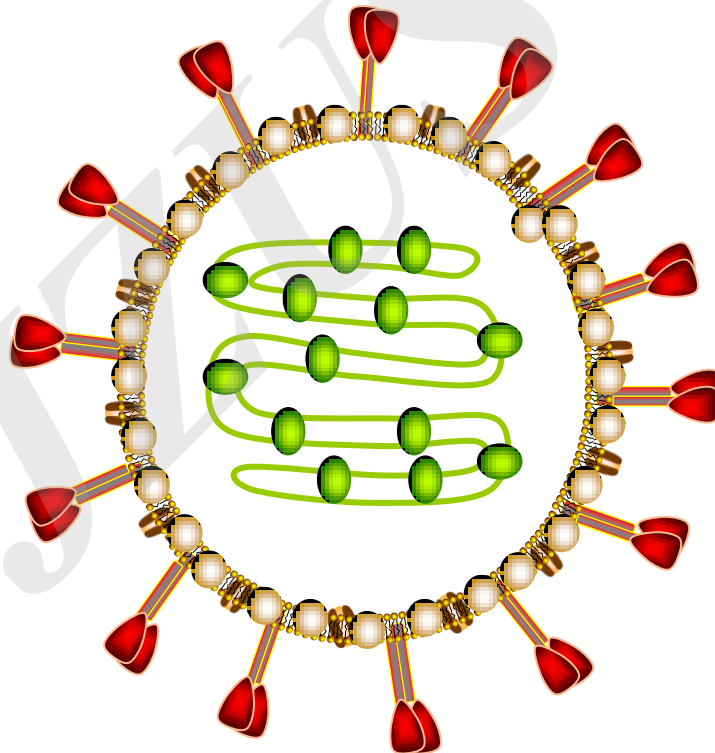
Viral biology

Pathogenesis

Epidemiology

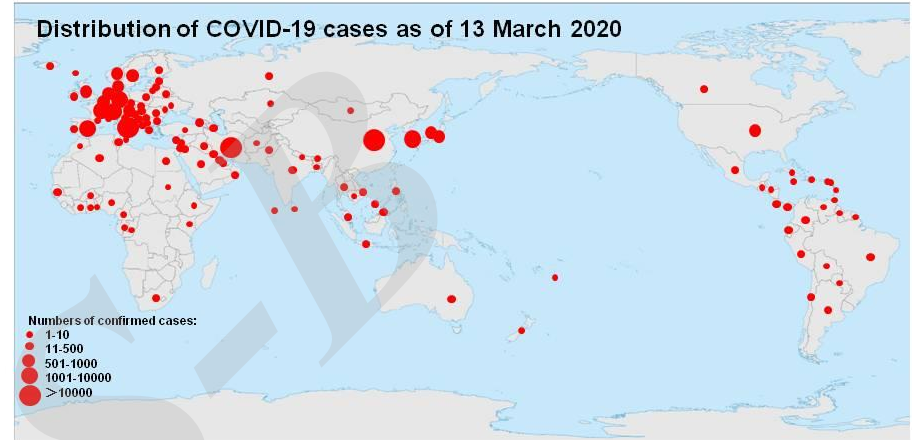
Clinical features

Prevention and management



Innovation points

- **Introduction** of the outbreak of COVID-19 as a global threat to public health



- **Summary** of the most updated research progress about COVID-19 in basic, epidemiological and studies, as well as the strategies to contain the diseases in China.



- **Emphasis** of the urgent need for implementing each measure proven to be effective, and developing effective therapies and vaccines to contain the epidemic



Innovation points

Two tables were generated to summarize the latest knowledge about COVID-19 in clinical practice .

Table 1 | Summary of clinical features of COVID-19 according to case-series and cohort studies.

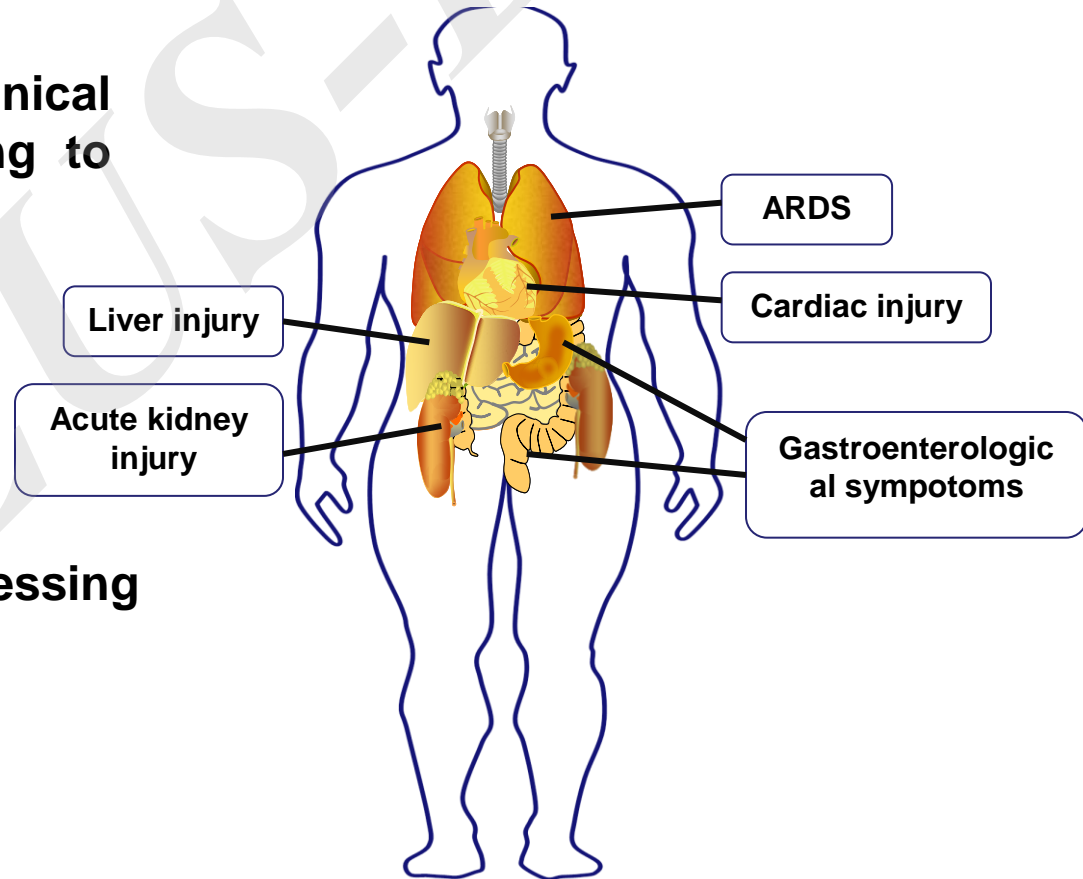


Table 2 | Criteria for assessing severity of COVID-19.