

What is the best policy for virus management?

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Kai Kupferschmidt wrote an article entitled “The health carer” (1). The article should emphasize what is the best policy for suppressing covid-19 problems globally. The famous proverb has told us that “you can never be too prepared” or “preparedness is the key.” We are not sure whether covid-19 is airborne or not as of today. However, we should prepare for treatments of covid-19 as airborne from the viewpoint of the emergency risk management. Although WHO does not classify covid-19 as airborne, covid-19 is classified as an airborne high consequence infectious disease (HCID) in the UK (2). The total number of confirmed infections from the Diamond Princess cruise ship in Yokohama is 355 as of Feb. 16, 2020. A quarantined official, a rescue squad expert, and a government health officer were infected because the Japanese government has not prepared for airborne infections. The current treatments include isolations and preventions. We should actively inactivate covid-19 viruses by the new technologies including platinum nanoparticles (3,4,5), far-UV lights (6,7), and non-thermal plasma reactors (8) respectively.

References:

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