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# A Call for Consistency in the Official Naming of the Disease Caused by Severe Acute Respiratory Syndrome Coronavirus 2 in Non-English Languages

Lu Dong, PhD ; Zhe Li, MS ; Isaac Chun Hai Fung, PhD 

## ABSTRACT

We investigated the adoption of World Health Organization (WHO) naming of COVID-19 into the respective languages among the Group of Twenty (G20) countries, and the variation of COVID-19 naming in the Chinese language across different health authorities. On May 7, 2020, we identified the websites of the national health authorities of the G20 countries to identify naming of COVID-19 in their respective languages, and the websites of the health authorities in mainland China, Hong Kong, Macau, Taiwan and Singapore and identify their Chinese name for COVID-19. Among the G20 nations, Argentina, China, Italy, Japan, Mexico, Saudi Arabia and Turkey do not use the literal translation of COVID-19 in their official language(s) to refer to COVID-19, as they retain “novel” in the naming of this disease. China is the only G20 nation that names COVID-19 a pneumonia. Among Chinese-speaking jurisdictions, Hong Kong and Singapore governments follow the WHO’s recommendation and adopt the literal translation of COVID-19 in Chinese. In contrast, mainland China, Macau, and Taiwan refer to COVID-19 as a type of pneumonia in Chinese. We urge health authorities worldwide to adopt naming in their native languages that are consistent with WHO’s naming of COVID-19.

**Key Words:** COVID-19, infectious disease medicine, naming, SARS-CoV-2

The disease caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) was thought to be a type of pneumonia when it first emerged in Wuhan. Hence, the National Health Commission of China (NHC) announced on February 7, 2020, that the official name of the disease was *novel coronavirus pneumonia* (NCP; 新冠肺炎; Xīnguān fèiyán).<sup>1</sup>

On February 11, 2020, the World Health Organization (WHO) named the disease *coronavirus disease 2019* (COVID-19). The name does not include the word *pneumonia*. The WHO intentionally excluded the word *novel* to give “a standard format to use for any future coronavirus outbreaks.”<sup>2</sup> The WHO provides official translation of COVID-19 into its 6 working languages (summarized in <https://tinyurl.com/naming-table-s1>); in Chinese, it is the literal translation of COVID-19: “2019 冠状病毒病.”

On February 21, 2020, the NHC announced that they were changing the English name of the disease to COVID-19 but were keeping the Chinese name unchanged.<sup>3</sup> Consistent with the name of NCP, the NHC provides detailed and rather stringent diagnostic

criteria<sup>4</sup> that may underdiagnose patients who are infected with SARS-CoV-2 but do not have explicit epidemiological links nor show any of the clinical symptoms (eg, fever and/or respiratory symptoms, imaging characteristics of NCP). For detailed diagnostic criteria, see <https://tinyurl.com/naming-criteria-translation>.

The Chinese official naming as Xīnguān fèiyán/NCP is a semantic reflection of an outdated clinical understanding. As we now understand, COVID-19 cases may be asymptomatic or experience a broad spectrum of symptoms (eg, cardiovascular symptoms, neurological impairment), with pneumonia presenting only a portion of the spectrum.<sup>5</sup> Given the evolving evidence, the NHC should reconsider their naming convention and case definition.

As a comparison, among the G20 nations, Argentina, China, Italy, Japan, Mexico, Saudi Arabia, and Turkey do not use the literal translation of COVID-19 in their official language(s) to refer to this disease on their official websites, as they still retain “novel” in the naming. China is the only G20 nation that officially refers to COVID-19 as a type of pneumonia (Appendix).

## Official Naming of Disease Caused by SARS-CoV-2

Among Chinese-speaking jurisdictions, Hong Kong and Singaporean Governments adopt the literal translation of COVID-19 in Chinese. In contrast, mainland China, Macau, and Taiwan still refer to COVID-19 as a type of pneumonia in Chinese on their official websites (<https://tinyurl.com/naming-table-s2>).

The discrepancy between the Chinese and English naming of the illness, and the corresponding diagnostic criteria of COVID-19 used in China, should be acknowledged by the scientific community. It is especially important when we interpret results from Chinese studies concerning COVID-19, as the Chinese samples may have skewed heavily toward patients presented with pneumonia. Direct translation of *Xīnguān fèiyán/NCP* into COVID-19, or vice versa, is problematic as the 2 entities are not equivalent.

Consistent naming will facilitate comparisons of COVID-19-related research findings across languages and countries. We call upon the WHO to ensure all member states to settle on the same naming of COVID-19 in their respective languages. Likewise, we urge the NHC to properly adopt the literal translation of COVID-19 into the Chinese language and to update the diagnostic criteria accordingly.

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### Disclaimer

This article does not represent the official positions of the Centers for Disease Control and Prevention, or the United States Government.

### Conflict of Interest Statement

The authors have no conflicts of interest to declare.

### Supplementary material

To view supplementary material for this article, please visit <https://doi.org/10.1017/dmp.2020.169>

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