COVID-19 Vaccine Hesitancy among Health Care Workers

Seung-Won Oh*

Department of Family Medicine, Seoul National University Hospital Healthcare System Gangnam Center, Seoul, Korea

Understanding whether people are willing to be vaccinated, the reasons for their willingness or unwillingness, and the most trusted sources of information in their decision-making are required to promote vaccine acceptance.

In the present issue, Kumar et al. investigated the willingness to receive the COVID-19 vaccination and associated factors among 599 Indian health care workers (HCWs) from February to March 2021. This survey found that 73% of HCWs were willing to accept the vaccines, while 10.9% refused and 16.2% needed more time to decide. A survey of HCWs, who should have a scientific attitude about vaccines, reported a surprising 27% vaccine hesitancy rate. However, studies conducted in other countries have reported similar results. According to a survey conducted in Israel in March 2020, 78% of physicians and 61% of nurses intended to receive a COVID-19 vaccine. As of April 2020, an estimated 63% of Hong Kong nurses intended to take the COVID-19 vaccine. In late 2020, only 36% of United States HCWs said they were willing to take the vaccine as soon as it became available. On the other hand, according to a survey conducted between March and May 2021, after vaccinations began in the United States, 85% of HCWs answered that they had been or would be vaccinated.

HCWs bridge the gap between health care policymakers and patients and influence patients’ vaccine decisions. Vaccination rates among HCWs correlate positively with their willingness to recommend COVID-19 vaccination to their patients. Therefore, identifying the factors influencing vaccine hesitancy in HCW has important implications for increasing the inoculation rate of the entire population. In the study of Kumar et al., individuals who considered themselves at risk of disease were more likely to accept the COVID-19 vaccination. Additionally, the most important reason for vaccine hesi-
tancy was safety and efficacy concerns. This is also a common result of previous studies. Accordingly, more active dissemination of scientific evidence about COVID-19 transmission patterns and vaccine safety will contribute to reducing vaccine hesitancy and increasing vaccination rates. Additional studies should also be conducted to identify factors affecting vaccine hesitancy in various groups.

CONFLICT OF INTEREST

No potential conflict of interest relevant to this article was reported.

ORCID

Seung-Won Oh: https://orcid.org/0000-0003-3800-0754

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