

Potential Adverse Effects of COVID-19 Vaccines on Iranian Healthcare Workers: Comment

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Dear Editor,

We would like to share our views on the research article published in the March 2023 issue of the *Oman Medical Journal*.¹ The authors, Abdollahi et al,¹ compared four COVID-19 vaccines for their potential substantial adverse effects, and the association between the side effects and age, body mass index, and the history of COVID-19 infection. They found that the inactivated virus vaccines (Sinopharm and Covaxin) had fewer side effects than viral vector vaccines (AstraZeneca and Sputnik), and the side effects were most likely in the first 24 hours following immunization.¹ The authors did not find any significant link between age, body mass index, history of COVID-19 disease, and the occurrence of adverse effects among the healthcare

workers who received one of any of the four vaccines and concluded that all four were safe with controlled side effects.¹

Before clinical problems are linked to COVID-19 vaccination, important considerations must be made, especially the presence of comorbidities and genetic vulnerabilities in the vaccine receiver.² To understand this, more research is necessary.

REFERENCES

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