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The big challenge for neurologists in treating patients with multiple sclerosis in the post-COVID-19 era



more than ever. Traditional drugs, such as interferons and glatiramer acetate, may be used more frequently in milder cases compared to newer drugs. It may also be necessary to reassess the drug dose escalation strategies, as well as the use and indications of therapeutic methods, such as immune reconstitution therapies. Of course, as Giovannoni et al. have rightly pointed out, there is a strong possibility that these methods might worsen the disease course of patients with MS. Therefore, all the aforementioned points should be discussed carefully, and strong clinical grounds should be found based on the available evidence and studies performed at different centers. Perhaps, there is a consensus on the fact that the COVID-19 pandemic requires us to provide patients with accurate and comprehensive information in critical situations, use telemedicine methods more than before and more efficiently, and work hard in order to reduce risk factors such as smoking, high blood pressure, and diabetes, which increase the risk of complications. We will inevitably be different neurologists, just as the post-coronavirus world will be different according to the viewpoints of politicians, philosophers, and economists.

Declaration of Competing Interest

The author declares there is no conflict of interest

References

Gavin Giovannoni, et al. The COVID-19 pandemic and the use of MS disease-modifying therapies. Mult. Scler. Relat. Disord., https://doi.org/10.1016/j.msard.2020.102073.

Naser moghadasi A. Opportunities and threats: the necessity of research in dealing with the rapid spread of coronavirus disease 2019 (COVID-19) in Iran. Arch Clin Infect Dis. In Press(In Press):e102809. doi: 10.5812/archcid.102809.

Gates, B., 2015. The next epidemic — lessons from Ebola. N. Engl. J. Med. 372, 1381–1384. https://doi.org/10.1056/NEJMp1502918.

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