



COVID-19 and Kidney Transplantation: Clinical Outcomes, Management, and Challenges

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Message from the Guest Editor

Several studies have reported that kidney transplant recipients (KTR) are at increased risk of severe COVID-19 infection. Furthermore, the efficacy of the vaccine is severely reduced in these patients. Therefore, individualized prevention strategies are essential for KTR. Adaptation of the vaccine scheme is recommended in these patients, including the use of an early third dose and of a fourth dose in vaccine responders. However, the net effect of each immunosuppressant on vaccine response may vary, and optimization of the immunosuppressive regimen to improve immunization is practicable. Minimization of immunosuppression and effects of conventional treatment of severe COVID infection are also crucial questions in patients with COVID-19 infection. Finally, a global and integrative approach to COVID-19 infection prevention is required.

This special issue aims to highlight current knowledge on COVID-19 in KTR. Different studies include personalized prevention, clinical outcomes, medical care, and future challenges. Indeed, this pandemic raises in an acute fashion the question of vaccine protocols and how to approach them in immunocompromised patients.





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Message from the Editor-in-Chief

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