

A kidney transplant patient infected with COVID-19: A case of pharmaceutical care

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Abstract

Kidney transplanted patients need immunosuppressant therapies. SARS-CoV-2 may cause acute lung injury, and secondary infections are thus relevant complications in patients with COVID-19 pneumonia. In view of the contradiction between anti-rejection use of immunosuppressants in patients with transplanted organs and the need to improve the immunity of infection. Here, we report a case of the clinical pharmacist participated in the whole process of patients with novel coronavirus infection after kidney transplantation. The clinical pharmacist gave individualized guidance on Nematvir/Ritonavir drug interaction and the timing of discontinuation and re-use of immunosuppressive agents. Pulmonary diseases of viral origin was well controlled and no acute rejection of transplanted kidney occurred.

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