

新冠病毒對骨與副甲狀腺的影響
COVID-19 and bone and parathyroid

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SARS-CoV-2 virus has spread across the globe rapidly causing an unprecedented pandemic. Because of the novelty of the disease, limited data are available on the effect of the virus on the bone and parathyroid system, including vitamin D. Possible effects of coronavirus on this system and managements of the patients with preexisting bone and parathyroid conditions in the era of COVID-19 will be discussed.

No data exist on ACE2 expression, viral invasion or inflammation of the parathyroid glands, or alterations in parathyroid hormone or calcium homeostasis during SARS-CoV-2 infections. On the other hand, vitamin D deficiency appears to be associated with increased susceptibility or severity to coronavirus infection, and replacement may improve outcomes. Because of social distancing strategies that have the potential to disrupt the medical care of osteoporotic patients, some recommendation has been made to assist clinicians in the management of osteoporosis during the COVID-19 pandemic.