

COVID-19 and adrenal/ thyroid glands

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摘要

SARS-CoV-2 infection (COVID-19) is currently a tremendous global health problem. COVID-19 causes considerable damage to a wide range of vital organs most prominently the respiratory system. However, the other endocrine manifestations of COVID-19 probably were more subtle and information about them emerged more gradually over a period of time.

Recently, clinical evidence for thyroidal and adrenal insults during and after COVID-19 has been accumulated, most of them are nonneoplastic diseases, i.e., Graves' disease, Hashimoto's thyroiditis, subacute, painless thyroiditis and adrenal dysfunction have been reported as a complication of COVID-19, and causality by the virus has been strongly implicated in all of them. In this section, we briefly look back at the reported evidence of alteration in thyroid functionality and adrenal diseases associated COVID-19 in detail, which is then followed by an in-depth discussion regarding a pathogenetic link between Coronavirus infection and endocrine disease.