



## Commentary

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# A Comprehensive Evaluation of the Available Data on Cancer Patients and Research During the Covid-19 Epidemic

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The new coronavirus, commonly known as SARS-Cov-2 or COVID-19, is now a major healthcare worry for the year 2020 and a global hazard. The emergence of this disease has an immediate impact on cancer research. Chinese studies suggest that COVID-19 problems are more likely to affect cancer patients. Without enough justification or suggestions, many oncologists changed the way they treated cancer patients on a daily basis as a result of this observation. Furthermore, this unique demographic has specific COVID-19 signs and diagnoses.

**Keywords:** ;\_ \_ g`gfZWSbkl Fg.adZWSbkl DSM[Sfa` a` Lá'áYkEgd[LS'a` Lá'áYk

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In this review article, we discuss the difficulties associated with treating cancer patients who have SARS-CoV-2, as well as the epidemiological, clinical, pathological, and radiological features of the illness and its effects on this population. Finally, we concentrate on cancer treatment methods management combined with an examination of international and national regulations. The new coronavirus, sometimes referred to as SARS-Cov-2 or COVID-19, has emerged as a global health issue. The virus spreads from person to person via respiratory droplets (coughing or sneezing), direct contact with an infected person, or indirect contact with spores in that person's environment. The epidemic has killed 62,773 individuals worldwide since it first appeared in China at the end of 2019 and up until April 5th, 2020. It has harmed more than a million people. It is believed that people with comorbid illnesses are more likely to experience viral infection consequences. Intensive care unit hospitalization, invasive ventilation, or mortality were more likely to occur in cancer patients than in non-cancer patients, according to a recently published Chinese cohort (39% vs 8%,  $p=00003$ ). In addition, public health initiatives that are put in place to stop the spread of disease aim to reduce avoidable hospital admissions and elective treatments. Cancer patients, however, require ongoing care, and receiving diagnostic or therapeutic procedures is not a luxury, whereas their possible exposure to COVID-19 could be extremely dangerous or even fatal.

A remarkable amount of work is put into understanding the unique characteristics of cancer patients who contract the novel coronavirus, overcoming diagnostic and therapeutic obstacles, and

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