

## Impact of COVID-19 on Cancer

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### EDITORIAL NOTE

Cancer is a disease which effects the people around the world from several years and so many clinical trials are still ongoing but we did not find any end point to treat or remove cancer cells/tumor cells completely. Cancer cure is a challenge for researchers and clinicians but covid-19 which changes the complete cancer diagnosis, screening, care and treatment.

COVID-19 pandemic has created major dilemmas in all areas of health care especially cancer. Cancer may increase the risk of COVID-19 developing to serious illness. To fight against corona virus, immunity is the major key which protects the body against illness and infection by viruses like Flu, corona virus etc. Cancer people are of higher risk of covid complications as cancer treatments will weak the immune system.

Impact of COVID-19 on cancer patients is a big challenge for clinicians and doctors as in case of cancer treatment chemotherapy, laser, radiation etc. will be used which automatically suppress the immunity by inhibiting bone marrow to produce white blood cells (part of immune system). So some types of cancers will lower immunity to fight against any infections especially corona virus. The risk appears to be higher in patients with more than one chronic medical condition.

This pandemic (COVID-19) disrupted the practice of oncology. Blood cancers like leukemia, anemia, lymphoma etc. may be at higher risk of prolonged infection and death from corona virus than people with solid cancer cells.

Cancer patients, particularly who are receiving anti-cancer treatments have been increased risk of mortality from corona virus.

As the COVID-19 pandemic evolves researchers are learning more about the virus and how it affects us. From almost the beginning, medical experts have recognized that older adults and people with existing medical conditions like asthma, respiratory related disorders, other illness conditions or organ disfunctions. At this time, it is not known whether having a history of cancer increases your risk for severe illness from COVID-19.

The COVID-19 pandemic has disrupted health-care systems, leading to concerns about its subsequent impact on non-COVID disease conditions. Covid-19 distracted researcher's minds from cancer clinical trials to covid vaccine and medicines like 2DG, covaxin, covishield.

The COVID-19 pandemic has led to changes in the way cancer care is delivered to patients around the globe. Cancer and its treatment can lower your ability to fight infection.

A series of recent studies have affirmed that many cancer patients are at high risk for developing severe forms of COVID-19.

The COVID-19 pandemic has swept through the world impacting every aspect of life creating fear and anxiety while leaving a toll of health and economic devastation. In general, individuals impacted by a cancer diagnosis should consider two different strategies to reduce their risk during the pandemic.

The respiratory illness commonly referred to as "coronavirus" and officially called COVID-19 has changed life majorly cancer patients.

Vaccines which are used to treat covid-19 may disrupt cancer treatment and clinical trials are also not yet completed on cancer individuals so the result is still not clear.

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