

## **Cancer Cachexia Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 115 pages | Mordor Intelligence

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### **Report description:**

The cancer cachexia market is expected to register a CAGR of 4.47% during the forecast period.

The COVID-19 outbreak impacted the cancer cachexia market, as hospitals and healthcare services were significantly reduced due to social distancing measures enforced globally. The COVID-19 pandemic also affected the global economy and impacted general hospital care for non-COVID-19 patients in hospitals worldwide. According to a research article published in the British Journal of Nutrition, 2020, changes in nutritional status and weight loss during hospitalization are largely reported in some populations. However, it was not completely explored in COVID-19 patients. During the pandemic, the symptoms and associated conditions of COVID-19 deteriorated nutritional status, leading to cachexia. Cancer patients were at a higher risk of being infected with COVID-19, as they are immunocompromised, and their ability to fight against the infection was very low compared to other individuals. Additionally, if a cancer patient developed a COVID-19 infection, there were higher chances of developing multiple organ-related complications or cachexia. Hence, the COVID-19 pandemic affected the market significantly in its preliminary phase, however currently the market is expected to have a favorable growth in the forecast period as the COVID-19 has subsided.

The increasing prevalence of cancer and cancer cachexia cases and the increasing investment in the R&D activities for developing novel therapeutics in the treatment of cancer cachexia are the major factors driving the market.

The global cancer burden is increasing. Thus, cancer therapies must be modified according to regional and national priorities. According to the International Agency for Research on Cancer (IARC) in December 2020, globally, 1 in 5 people develop cancer during their lifetime, and 1 in 8 men and 1 in 11 women die from the disease. According to the data published by WHO in February 2022, approximately 400,000 children develop cancer every year and the most common cancers vary between countries. Cervical cancer is the most common in 23 countries. Hence, the increasing burden of cancers worldwide also increases the prevalence of

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cancer cachexia among cancer patients, which is characterized by systemic inflammation, negative protein and energy balance, and an involuntary loss of lean body mass.

Due to this factor, most of the major players are focused on R&D activities to develop highly effective novel drugs in the treatment of cancer cachexia. This factor resulted in an increased pipeline of therapeutics waiting for approval and commercial launch post-approval. For instance, clinicaltrials.gov reported that, as of October 2022, a total of 150 studies were conducted or were being conducted to develop drugs that treat cancer cachexia. In December 2020, a clinical study was initiated by University of Copenhagen, in collaboration with Zealand University Hospital, the study was conducted to monitor the effect of medical cannabidiol on lean body mass (cachexia) in patients receiving Oxaliplatin- or Paclitaxel-based chemotherapy. Moreover, in January 2021, Helsinn Group and Ono Pharmaceutical Co. Ltd received the manufacturing and marketing approval of Adlumiz in Japan. It is a ghrelin receptor agonist to treat cancer cachexia in malignant tumors of non-small cell lung cancer, gastric cancer, pancreatic cancer, or colorectal cancer. Hence, the increasing research and development activities for cancer cachexia is expected to drive the growth of the market.

However, manufacturers of cancer cachexia drugs are discouraged from investing in the market because of the strict regulatory requirements and the long FDA approval procedure, which may impede the long-term growth of this market.

### Cancer Cachexia Market Trends

#### Appetite Stimulators is Expected to Grow Significantly in the Cancer Cachexia Market

Cancer patients frequently develop loss of appetite and weight loss. Unintended weight loss and anorexia (the loss of appetite or desire to eat) in patients with cancer is associated with decreased performance status, reduced response and tolerance to treatment, decreased survival, and reduced quality of life. Therefore, the increasing use of an appetite stimulant could be considered for patients who exhibit decreased appetite. The increasing prevalence of cancer cachexia cases is one of the major factors propelling the overall market's growth.

According to an article published by PubMed in March 2022, pharmacologic interventions for cancer-related anorexia are very limited. International guidelines recommend promoting anabolism through appetite stimulants which help in nutritional, physical, and pharmacologic therapies. According to an article published by PubMed Central in August 2021, cachexia is a syndrome of metabolic disturbance characterised by inflammation and loss of muscle with or without loss of adipose tissue. In cancer cachexia, a multifaceted condition, patients suffer from loss of body weight and appetite that negatively impact the quality of life and survival of the patients. Thus, the high burden of cancer cachexia in quality of life of the patients is expected to increase the research and development activities regarding appetite stimulants for cancer cachexia, thus enhancing the segment growth.

With the growing burden of cancer worldwide, market players are investing steadily in innovative products and their R&D, thus boosting the market's growth. For instance, in March 2020, Pfizer Inc., a global pharmaceutical major, launched a global 12-week open-label study that will explore how its drug, PF-06946860, is tolerated in patients with cancer cachexia. Hence, such factors may help the appetite stimulants segment achieve a high growth rate in the future.

#### North America is Expected to Dominate the Cancer Cachexia Market

North America is expected to dominate the market due to the high burden of cancer and cancer cachexia, the presence of many drug manufacturers, and the advancing paradigm of care for cancer patients. According to the estimates of GLOBOCAN 2020, there are around 195,499 new cases of cancer in Mexico. Furthermore, according to the American Cancer Society 2022, there will be an estimated 1.9 million new cancer cases diagnosed in the United States in 2022.

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Advancements in novel technology for the treatment of cancer cachexia and a strong product pipeline for wasting syndrome have also helped in the growth of the cancer cachexia market in the region. For instance, according to the data from clinicaltrials.gov in October 2022, a phase 1 clinical trial was started by the United States-based AVEO Pharmaceuticals, Inc. in February 2022, the study is designed to evaluate the safety, pharmacokinetics (PK), pharmacodynamics (PD), and immunogenicity in healthy subjects of a single dose of AV-380. AV-380 is an immunoglobulin (Ig) G1 monoclonal antibody (mAb) intended to bind circulating human growth differentiation factor 15 (GDF-15), a cytokine involved in cancer-induced cachexia. Hence, due to such factors, the market is expected to grow in the region.

## Cancer Cachexia Market Competitor Analysis

The cancer cachexia market is consolidated in nature due to the presence of very few major companies operating globally as well as regionally. The competitive landscape includes an analysis of a few international as well as local companies which hold market shares and are well known. Key market players include Aeterna Zentaris, Aphios Corporation, Bristol-Myers Squibb Company, Pfizer Inc., Helsinn Group, Merck KGaA, Artelo Biosciences Inc., NGM Biopharmaceuticals, Aveo Oncology, Aavogen Inc., Green Cross Wellbeing Corporation, Cannabics Pharmaceuticals Inc., TCI Peptide Therapeutics, Fresenius Kabi, Tetra Bio-Pharma, and Actimed Therapeutics among others.

## Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

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