Global Cancer Diagnostics Market Research Report: Information by Type (Imaging Testing, Biomarkers Testing, In Vitro Diagnostic Testing, Biopsy and others), Application (Lung Cancer, Breast Cancer, Colorectal Cancer, Melanoma Cancer, Prostate Cancer, Liver Cancer and others), End-User (Diagnostic Centers, Hospitals and Clinics, Research Institutes and others) and Region (Americas, Europe, Asia-Pacific and the Middle East & Africa) - Forecast till 2025

Market Scenario

Cancer Diagnostics Market is expected to grow significantly over the forecast period. The market held a valuation of USD 122,000 million in 2018 and is projected to register a valuation of an estimated USD 163,000 Million by 2025 with 8.9% CAGR over the forecast period.

Cancer is the uncontrolled growth of tumor cells anywhere in the body and can spread to the other parts of the body. There are more than 120 types of cancer such as breast cancer, skin cancer (melanoma), lung cancer, colon cancer, prostate cancer, and others. There are various methods and advanced technologies that have surfaced for diagnosing cancer at an early stage. In 2018, according to the World Cancer Research Fund International, about 18 million cancer cases were registered around the globe, of which 9.5 million cases were in men and rest 8.5 million in women. The rising number of patients who have cancer is primarily driving the global cancer diagnostics market.

However, the high-cost treatment and poor reimbursement policies in the developing countries of the world are some of the factors, which may hamper the market growth during the forecast period.

Segmentation

The global cancer diagnostics market is segmented based on type, application, end user, and region.

The global market for cancer diagnostics, by type, is segmented into imaging testing, biomarkers testing, in vitro diagnostic testing, biopsy, and others. The imaging testing segment is further classified into magnetic resonance imaging (MRI), computed tomography (CT), and positron emission tomography (PET).

Based on application, the global market is segmented into lung cancer, breast cancer, colorectal cancer, melanoma cancer, prostate cancer, liver cancer, and others.

Based on end user, the global market is segmented into diagnostic centers, hospitals and clinics, research institutes, and others.

In the current scope of the study, the segments mentioned above are covered under four regions, namely, the Americas, Europe, Asia-Pacific, and the Middle East & Africa.

The cancer diagnostics market in the Americas has further been segmented into North America and South America, with the North American market divided into the US and Canada.

The European Cancer Diagnostics market has been segmented into Western Europe and Eastern Europe. Western Europe has been classified into Germany, France, the UK, Italy, Spain, and the rest of Western Europe. The cancer diagnostics market in Asia-Pacific has been segmented into Japan, China, India, South Korea, Australia, and the rest of Asia-Pacific. The cancer diagnostics market in the Middle East & Africa has been segmented into the Middle East and Africa.
Regional Market Summary

Global Cancer Diagnostics Market Share (%), by Region, 2018

Sources: MRFR Analysis

The Americas dominated the market for cancer diagnostics owing to the growing geriatric population, increasing healthcare expenditure, and well-established healthcare sector in the region. According to a report published by the American Cancer Society, cancer is usually found in geriatric individuals (55 years or above), and about 80% of the population in the US is diagnosed with cancer. In 2018, Europe held the second-largest share of the cancer diagnostics market. The increasing awareness about cancer, technological advancements in the region, and growing demand for efficient treatment and diagnostics for cancer is expected to drive the growth of the regional market. Germany commanded the largest share in the European market for cancer diagnostics. For instance, according to World Cancer Research Fund International in 2018, the countries leading in highest cancer rates are from Oceania, Europe, and North America.

Asia-Pacific (APAC) is expected to register the fastest growth in the cancer diagnostics market during the forecast period due to the presence of a large patient pool and increasing government initiatives for the growth of the healthcare sector in the region. Countries in Asia-Pacific are adopting advanced treatment options, which in turn fuels the market growth in this region. Moreover, presence of developing countries, such as China, India, and Japan, is expected to drive market growth.

However, the Middle East & Africa is expected to hold the least share of the cancer diagnostics market due to the low economic development, especially in Africa.

Key Players


Market Segmentation

Global Cancer Diagnostics Market, by Type

- Imaging Testing
  - Magnetic Resonance Imaging (MRI)
  - Computed Tomography (CT)
  - Positron Emission Tomography (PET)
  - Standalone Positron Emission Tomography
  - Hybrid Positron Emission Tomography
  - Mammography
  - Ultrasound
  - Others

- Biomarkers Testing
Protein Biomarker
Genetic Biomarker
Others

In Vitro Diagnostic Testing
- Polymerase Chain Reaction (PCR)
- In Situ Hybridization (ISH)
- Immunohistochemistry Testing (IHC)
- Next-Generation Sequencing Testing (NGS)
- Microarrays
- Flow Cytometry
- Molecular Diagnostics
- Others

Biopsy
- Needle Biopsy
- Bone Marrow Biopsy

Others

Global Cancer Diagnostics Market, by Application
- Lung Cancer
- Breast Cancer
- Colorectal Cancer
- Melanoma Cancer
- Prostate Cancer
- Liver Cancer
- Others

Global Cancer Diagnostics Market, by End User
- Diagnostic Centers
- Hospitals and Clinics
- Research Institutes
- Others

Intended Audience
- Cancer diagnostics companies
- Healthcare organizations
- Healthcare providers
- Government organizations
- Biotechnology companies
- Research and development (R&D) companies

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