

# **UAE Stomach Cancer Treatment Market By Treatment Type (Standard Chemotherapy, Targeted Therapy, and Immunotherapy), By Disease Indication (Gastric cancer/Gastroesophageal Junction cancer, Gastrointestinal Stromal Tumours), By Route Of Administration (Oral and Injectable), By Drug Class (PD-1/PD-L1 Inhibitors, HER2 Antagonists, VEGFR Antagonists, and Others), By Region, Competition, Forecast and Opportunities, 2020-2030F**

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## **Abstracts**

UAE Stomach Cancer Treatment Market was valued at USD 8.35 Million in 2024 and is expected to reach USD 21.79 Million with a CAGR of 17.29% through 2030. The UAE Stomach Cancer Treatment Market is driven by a combination of factors, including rising cancer awareness, advancements in medical technology, and increasing healthcare infrastructure. With growing awareness of the risks associated with stomach cancer and its symptoms, more patients are seeking early diagnosis and treatment. As a result, there is an increasing demand for innovative treatments and therapies that offer better outcomes. The adoption of advanced treatment options such as targeted therapy, immunotherapy, and minimally invasive surgical techniques is significantly shaping the market. These therapies offer more precise treatments with fewer side effects, leading to better patient outcomes. The availability of state-of-the-art diagnostic tools, such as endoscopic ultrasound (EUS) and advanced imaging technologies, is also facilitating earlier detection, contributing to a more effective treatment approach. The UAE's ongoing healthcare investments, including the establishment of specialized cancer treatment centers and hospitals, are providing patients with greater access to cutting-edge treatments. The UAE's position as a medical hub in the Middle East also

attracts patients from surrounding regions, further boosting demand for stomach cancer treatments.

## Key Market Drivers

### Rising Incidence of Stomach Cancer

The rising incidence of stomach cancer in the UAE is a major factor driving the growth of the Stomach Cancer Treatment Market. As lifestyle-related diseases become more prevalent, especially in the urbanized segments of the population, the number of individuals diagnosed with stomach cancer is steadily increasing. Several factors contribute to this surge in cases, including unhealthy dietary habits, increased consumption of processed foods, high salt intake, smoking, alcohol consumption, and sedentary lifestyles. In addition, the aging population in the UAE further exacerbates this trend, as the risk of stomach cancer increases with age. Gastric cancer is the fifth leading cause of cancer-related deaths in the UAE, accounting for an estimated 4.31% of cancer fatalities, which is lower compared to global statistics. Despite its prevalence, gastric cancer in the UAE is generally considered less fatal. In 2021, the crude incidence rate of gastric cancer in the UAE was 1.4 per 100,000 people, which is lower than the global crude incidence rate. However, the high mortality rate in the UAE is attributed to the advanced stage at which the disease is typically diagnosed.

The increase in stomach cancer cases has led to a higher demand for early detection, diagnosis, and effective treatment options. As more individuals seek medical attention for symptoms related to the disease, there is a growing need for advanced diagnostic technologies and treatment therapies. The UAE's healthcare system is evolving to meet this demand by investing in the latest diagnostic tools and treatment methodologies. From early-stage screenings to advanced therapies such as chemotherapy, immunotherapy, and minimally invasive surgeries, the market is witnessing a significant push to cater to the increasing number of cancer cases. The government's focus on reducing the burden of cancer and offering better treatment options has accelerated the growth of the treatment market, ensuring that patients have access to life-saving medical interventions.

### Advancements in Medical Technology

Advancements in medical technology are revolutionizing the UAE Stomach Cancer Treatment Market, making it one of the most dynamic sectors in healthcare. Breakthroughs in diagnostic imaging techniques such as endoscopic ultrasound (EUS),

computed tomography (CT) scans, and magnetic resonance imaging (MRI) have dramatically improved the accuracy of stomach cancer diagnosis, enabling early detection and timely intervention. These innovations allow for non-invasive visualization of tumors and detection of abnormal growths in the stomach lining, aiding in the identification of the disease in its early stages when treatment outcomes are more favorable. In September 2021, The Surgical Equipment Unit team of Zahrwai Group hosted a highly successful hybrid seminar for oncology doctors titled “The Role of PIPAC in Colorectal, Gastric, and Ovarian Malignancies” at Mediclinic Parkview Hospital in Dubai. The seminar focused on PIPAC (Pressurized Intra-Peritoneal Aerosol Chemotherapy), a groundbreaking treatment technique. PIPAC is a minimally invasive method that delivers chemotherapy directly into the abdomen under pressure via small 1cm ports. This approach is used to treat advanced, inoperable cancers of the stomach, colon, end-stage peritoneal carcinomatosis, and ovaries, offering a new treatment option for patients with these challenging conditions.

Minimally invasive surgery and robotic-assisted surgeries are becoming more common in the UAE, offering patients quicker recovery times, fewer complications, and enhanced precision during surgery. These procedures allow surgeons to remove tumors with minimal damage to surrounding tissues, preserving the patient's overall health and quality of life. The integration of Artificial Intelligence (AI) in treatment planning and diagnostic procedures is enabling highly personalized care for patients. AI-driven algorithms help in predicting tumor growth, determining optimal treatment regimens, and assisting clinicians in making more accurate diagnostic decisions. The combination of these technological advancements has led to more efficient, effective, and patient-friendly treatment options for stomach cancer, driving growth in the market.

### Rising Healthcare Awareness

Increased public awareness of stomach cancer in the UAE is playing a crucial role in the growing demand for timely diagnosis and treatment. Over the years, the government, healthcare organizations, and non-profit institutions have launched numerous awareness campaigns aimed at educating the public about the risk factors, symptoms, and importance of early detection of stomach cancer. With rising knowledge about lifestyle-related risk factors such as poor diet, smoking, and alcohol consumption, people in the UAE are becoming more proactive in seeking medical consultations and participating in screenings.

The availability of educational materials, informational seminars, and advertisements has contributed to a growing understanding of the importance of early intervention in the

treatment of stomach cancer. As a result, more individuals are opting for regular check-ups, especially those who may be at high risk due to their family history or lifestyle choices. This shift toward preventive healthcare and early detection has a direct impact on the demand for stomach cancer treatment, as early detection ensures better treatment outcomes and reduces the burden on healthcare systems. As the public becomes more engaged with their health, the overall demand for stomach cancer diagnosis and treatment continues to rise, further fueling the market's growth.

### Improved Healthcare Infrastructure

The UAE has made substantial investments in its healthcare infrastructure in recent years, which has been a critical driver of the growth of the Stomach Cancer Treatment Market. The country's healthcare system is recognized for its high standards, modern facilities, and access to cutting-edge technologies. With continuous upgrades to hospital facilities, diagnostic centers, and cancer treatment centers, patients in the UAE have access to the latest medical advancements and specialized care.

State-of-the-art hospitals and cancer treatment centers, particularly in major cities like Dubai and Abu Dhabi, offer comprehensive services for the diagnosis and treatment of stomach cancer. These hospitals are equipped with the latest diagnostic imaging technologies, as well as advanced treatment options such as targeted therapies, chemotherapy, and immunotherapy. The government's commitment to expanding healthcare facilities and providing high-quality care has also played a significant role in improving access to healthcare services for the population. The UAE has witnessed an influx of medical tourists from neighboring regions, further pushing the demand for specialized cancer treatment services. This influx is further driving investments in healthcare infrastructure, allowing for more specialized centers for stomach cancer treatment. The continuous development of healthcare infrastructure is a key enabler for the growth of the Stomach Cancer Treatment Market, ensuring that the country remains at the forefront of cancer care in the region.

### Key Market Challenges

#### High Cost of Treatment and Healthcare Services

One of the major challenges facing the UAE Stomach Cancer Treatment Market is the high cost of treatment. Advanced treatments such as chemotherapy, targeted therapies, immunotherapies, and surgeries often come with significant expenses. These costs can be a barrier to access for many individuals, especially those without sufficient insurance

coverage. The United Arab Emirates is ranked 26th in the 2024 World Index of Healthcare Innovation, a drop from its 19th position in 2022.

While the UAE government has implemented health insurance schemes to cover medical expenses, not all treatments, especially newer and experimental therapies, may be included in basic insurance packages. This financial strain can prevent many patients from seeking timely medical intervention or opting for the most advanced forms of treatment available. Medical tourism in the UAE also drives up the cost of healthcare services, as many people from neighboring countries seek treatment in the UAE's advanced healthcare facilities. This demand further increases the prices, making healthcare less affordable for local residents.

The healthcare system in the UAE is heavily reliant on private healthcare providers, which tend to charge higher fees than public institutions. While many of the top hospitals in the UAE are equipped with state-of-the-art technology and qualified professionals, the treatment cost in these facilities is often higher than in countries with more affordable healthcare systems. The combination of high demand for quality services, reliance on advanced treatments, and the need for continuous investments in infrastructure and technology further strains the affordability and accessibility of stomach cancer treatment for some segments of the population.

### Limited Awareness and Early Detection Challenges

Although there is growing awareness of stomach cancer, it remains a significant challenge in the UAE. Stomach cancer, particularly in its early stages, often presents few or no symptoms, making early detection difficult. Many individuals may not seek medical attention until the disease has reached an advanced stage, when treatment options become limited and less effective. This delay in diagnosis contributes to lower survival rates and complicates treatment efforts.

Despite government and non-governmental initiatives to increase cancer awareness, general public knowledge regarding stomach cancer symptoms, risk factors, and the importance of regular screenings remains insufficient. There is also a lack of widespread screening programs targeting high-risk individuals in the population, which is essential for early detection. While some hospitals and clinics offer screening services, they are often not widely accessible to all populations, particularly those in rural or less-developed areas. This is due to the limited availability of specialized diagnostic tools and a shortage of skilled medical professionals in certain regions of the UAE.

The lack of early-stage detection and awareness further exacerbates the challenge of stomach cancer treatment, as early intervention is crucial to improving patient outcomes. A more concerted effort from both public and private healthcare organizations is required to promote regular screening programs, educate the public on risk factors, and increase awareness about the early signs of stomach cancer. This will help to address the challenges associated with diagnosis and improve the prognosis for patients.

## Key Market Trends

### Government Initiatives and Support

The UAE government plays a vital role in supporting the healthcare sector and, by extension, the stomach cancer treatment market. The government's efforts to enhance healthcare facilities, invest in cancer research, and implement national cancer awareness programs contribute to market growth. Initiatives like free screenings, medical insurance coverage, and specialized cancer treatment centers help make treatment more accessible and affordable for a broader population, thus driving the demand for stomach cancer treatment services.

### Medical Tourism

The UAE has firmly established itself as a premier hub for medical tourism, making it a key destination for patients seeking high-quality healthcare services, including stomach cancer treatments. With its world-class medical facilities, cutting-edge technologies, and internationally recognized healthcare professionals, the UAE offers patients from neighboring countries and further regions access to state-of-the-art treatment options that may not be readily available in their home countries. A significant factor contributing to the UAE's appeal as a medical tourism destination is the country's healthcare infrastructure. The UAE boasts a range of modern hospitals and cancer treatment centers equipped with the latest diagnostic tools and therapeutic technologies. These facilities are staffed by highly trained professionals, many of whom have received training and certification from internationally renowned institutions. These professionals bring a wealth of expertise in diagnosing and treating complex conditions like stomach cancer, ensuring that patients receive the highest level of care.

The availability of advanced treatments such as robotic-assisted surgery, minimally invasive procedures, targeted therapies, and immunotherapy plays a key role in



attracting patients seeking effective and cutting-edge treatments for stomach cancer. The rapid advancements in medical technology, combined with the UAE's growing reputation for providing world-class medical services, have made it a preferred choice for individuals seeking life-saving treatments. In many cases, patients traveling to the UAE for cancer treatment benefit from a comprehensive treatment approach that integrates the latest medical innovations with personalized care, leading to better outcomes.

## Segmental Insights

### Treatment Type Insights

Based on the Treatment Type, Standard Chemotherapy remains the dominant therapy in the market. This treatment approach, which uses drugs to kill or slow the growth of cancer cells, is widely used due to its long-standing history of effectiveness in treating various cancers, including stomach cancer. Chemotherapy is often used in combination with other treatments such as surgery or radiation therapy to manage the disease at different stages.

One key reason for the dominance of chemotherapy in the UAE Stomach Cancer Treatment Market is its established presence in healthcare systems globally. It is a standard practice for oncologists to recommend chemotherapy as the first line of defense against stomach cancer, particularly for patients diagnosed with advanced or metastatic stages of the disease. Chemotherapy is also considered effective for patients who are not eligible for surgery, as it can shrink tumors, ease symptoms, and extend survival. In the UAE, hospitals and cancer treatment centers are equipped with the latest chemotherapy drugs and protocols that are closely monitored for effectiveness and safety. The availability of these therapies in both private and public healthcare sectors, along with well-trained oncologists, ensures that chemotherapy continues to be the go-to treatment option. Many healthcare providers in the UAE offer a range of supportive treatments to manage the side effects of chemotherapy, enhancing its tolerability for patients.

### Disease Indication Insights

Based on the Disease Indication, Gastric Cancer/Gastroesophageal Junction Cancer is currently the dominant type of cancer in the UAE Stomach Cancer Treatment Market. Gastric cancer, which refers to cancer that originates in the stomach lining, and gastroesophageal junction (GEJ) cancer, which occurs at the junction of the stomach

and esophagus, are the primary focus of most stomach cancer treatments in the UAE. These types of cancers account for the majority of cases seen in hospitals and cancer centers across the country, largely due to lifestyle and dietary factors that increase the risk of developing gastric cancer, such as high salt intake, smoking, and a family history of the disease. Gastric cancer in the UAE is considered less lethal. The GC's crude incidence rate in the UAE in 2021 was 1.4 per 100,000, which is lower than the global incidence crude rate.

The higher prevalence of gastric cancer and gastroesophageal junction cancer in the UAE is directly reflected in the treatment market, which is geared towards addressing these specific forms of cancer. The UAE healthcare system has developed specialized treatment programs for gastric cancer patients, incorporating a combination of surgery, chemotherapy, targeted therapy, and immunotherapy, depending on the cancer's stage and progression. Surgical options, particularly for early-stage gastric cancer, have been instrumental in improving patient outcomes, while chemotherapy remains the primary line of treatment for advanced stages. The availability of advanced diagnostics and imaging systems, such as endoscopy and CT scans, has contributed to the early detection and treatment of these cancers, further driving the demand for effective treatment options.

## Regional Insights

Dubai was dominating the UAE Stomach Cancer Treatment Market. As the largest and most populous city in the UAE, Dubai serves as the country's healthcare hub, drawing patients both locally and from neighboring countries seeking advanced cancer treatments. The city boasts state-of-the-art medical infrastructure, including world-class hospitals, specialized cancer treatment centers, and cutting-edge technology that play a crucial role in diagnosing and treating stomach cancer. Dubai's focus on healthcare innovation, driven by its commitment to becoming a global medical tourism destination, further solidifies its position as the leader in this market.

Dubai's healthcare system has attracted renowned international medical professionals and experts in oncology, making it a key center for high-quality, specialized stomach cancer treatments. Many hospitals and medical centers in Dubai offer a comprehensive range of treatment options, such as surgery, chemotherapy, targeted therapy, and immunotherapy. The concentration of specialized cancer centers in the city, alongside a well-established healthcare infrastructure, enables effective and timely care for stomach cancer patients. The city's medical tourism sector also contributes significantly to the demand for advanced stomach cancer treatments, as patients from the Middle East,



North Africa, and other regions often travel to Dubai for world-class healthcare services.

Dubai's strong focus on research and development in the medical field allows the continuous introduction of advanced treatment modalities, improving the prognosis for stomach cancer patients. This includes cutting-edge technologies like robotic-assisted surgeries, minimally invasive procedures, and Artificial Intelligence-based diagnostic tools. The availability of these innovations strengthens Dubai's dominance in the UAE Stomach Cancer Treatment Market.

### Key Market Players

Thermo Fisher Scientific Middle East

Bristol Myers Squibb, Middle East & Africa FZ-LLC

Illumina Dubai Middle East FZE

Roche Diagnostics Middle East FZCO

Gulf Bio Analytical LLC

Abbott Laboratories S.A.

Hitachi Ltd.

Gulf International Cancer Center

Pfizer Gulf FZ LLC

AstraGene LLC

### Report Scope:

In this report, the UAE Stomach Cancer Treatment Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### UAE Stomach Cancer Treatment Market, By Treatment Type:

*UAE Stomach Cancer Treatment Market By Treatment Type (Standard Chemotherapy, Targeted Therapy, and Immunother...*

Standard Chemotherapy

Targeted Therapy

Immunotherapy

UAE Stomach Cancer Treatment Market, By Disease Indication:

Gastric cancer/Gastroesophageal Junction cancer

Gastrointestinal Stromal Tumours

UAE Stomach Cancer Treatment Market, By Route Of Administration:

Oral

Injectable

UAE Stomach Cancer Treatment Market, By Drug Class:

PD-1/PD-L1 Inhibitors

HER2 Antagonists

VEGFR Antagonists

Others

UAE Stomach Cancer Treatment Market, By Region:

Abu Dhabi

Dubai

Sharjah

Rest of UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the UAE Stomach Cancer Treatment Market.

## Available Customizations:

UAE Stomach Cancer Treatment Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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