

Global Computed Tomography Market By Technology (High-End Slice, Mid-End Slice, Low-End Slice, and Cone Beam Technology), By Application (Oncology, Neurology, Cardiovascular, Musculoskeletal, and Others), By End-users (Hospitals, Diagnostic Centers, and Others), and By Regions (North America, Europe, Asia Pacific, and Rest of the World) - Forecast up to 2025

<https://marketpublishers.com/r/GE42EF2997A3EN.html>

Date: February 2020

Pages: 77

Price: US\$ 3,250.00 (Single User License)

ID: GE42EF2997A3EN

Abstracts

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This market research report includes a detailed segmentation of the global computed tomography market – by technology (high-end slice, mid-end slice, low- end slice, and cone beam technology), by application (oncology, neurology, cardiovascular, musculoskeletal, and others), by end-users (hospitals, diagnostic centers, and others), and by regions (North America, Europe, Asia Pacific, and Rest of the World).

Overview of the Global Computed Tomography Market Research: Infoholic's market research report predicts that the global computed tomography market will grow at a CAGR of 5.5% during the forecast period 2019–2025. A computed tomography (CT) scan combines data from several X-rays to produce a detailed image of structures inside the body. The images obtained from CT scans provide more detailed information

than typical X-ray images. They can be used to visualize soft tissues, blood vessels, and bones in various parts of the body to detect any disease conditions.

High prevalence of chronic diseases coupled with the growing elderly population, increasing demand for early diagnosis, and increased clinical efficacy of computed tomography are few of the factors driving the market growth. According to an estimation, in the US, an estimated 1.8 million new cancer cases diagnosed in 2019 and Canada has an estimated 220,400 new cancer diagnoses and 82,100 deaths from cancer in 2019. According to the National Cancer Institute, nearly 60% of new cases of cancer are from Asia, Africa, Central and South American countries and nearly 70% of cancer deaths are also from these regions. However, unfavorable reimbursement, risk of exposure to radiation, and strict regulatory framework are few of the factors that may prove detrimental for the market.

Increasing awareness about early diagnosis, improving healthcare expenditure in developing markets, and advancements in technology are anticipated to enhance the revenue of the computed tomography market in the next few years. The increasing disease cases and continuous advancement ensure constant growth of the market during the forecast period 2019–2025.

The industry generates the majority of the revenue from the key players operating in this field; few of them include Canon Medical System Corporation, General Electric Company, Siemens Healthineers AG, Koninklijke Philips NV, and Fujifilm Holdings Corporation.

According to the Infoholic Research analysis, North America accounted for the largest share of the global computed tomography market in 2018 and will retain a high position during the forecast period. North America is followed by Europe, with a share of more than 25% of the global market in 2018.

By Technology:

High-End Slice

Mid-End Slice

Low-End Slice

Cone Beam Technology

In 2018, the low-end slice segment accounted for the largest share and cone beam technology is expected to grow at a high CAGR during the forecast period 2019–2025. Increasing application of the technology, growing demand in dentistry, compact size and less exposure to radiation make the segment grow at the highest CAGR during the forecast period 2019–2025.

By Application:

Oncology

Neurology

Cardiovascular

Musculoskeletal

Others

Based on application, oncology dominated the market in 2018 with a maximum share and is expected to maintain this position throughout the forecast period. Increased prevalence of cancer and growing usage of CT scans in various cancer types made oncology segment, the major shareholder in 2018.

By End-user:

Hospitals

Diagnostic Centers

Others

Hospitals occupied a significant share among various end-users in 2018 due to the high number of patient admissions, repeated scans for an accurate diagnosis before and after surgery to determine treatment effectiveness.

By Regions:

North America

Europe

Asia Pacific

Rest of the World

Based on geography, North America dominated the market in 2018 with a market share of approximately 40% and is expected to grow at mid-single-digit CAGR during the forecast period 2019–2025. The high incidence of disease, increasing adoption of the computed tomography, availability of new technologies, and high disposable income make the region a dominant shareholder in the global computed tomography market.

Global Computed Tomography Market Research Competitive Analysis: The market is growing at a steady rate with a CAGR of 5.5% during the forecast period 2019–2025. The increasing incidence of cancer, cardiovascular diseases, and other chronic disorders has resulted in the need for improved imaging techniques and to fulfill this requirement, various companies are launching new CT systems. Many companies are also investing more and collaborating with new companies to commercialize and develop new CT devices. For instance, FUJIFILM Medical Systems introduced the FCT Embrace in the US market in 2018, which is the world's first 85 cm wide bore computed tomography imaging unit with 64 or 128 slice configurations optimized for both oncology and radiology applications. Siemens Healthineers launched its new version of its Go platform, a 128-slice scanner in 2019 which is built explicitly for outpatient cardiology offices but can also be installed in hospitals. Hitachi Healthcare presented its next levels of diagnostic imaging solutions that include the new CT scan, the SCENARIA View in February 2019 at the European Society of Radiology in Vienna, Austria.

Key Vendors:

Canon Medical System Corporation

General Electric Company

Siemens Healthineers AG

Fujifilm Holdings Corporation

Koninklijke Philips NV

NeuroLogica Corporation

Koning Corporation

Shenzhen Anke High-tech Co., Ltd.

Neusoft Medical Systems Co., Ltd.

Key Competitive Facts:

Medicare governance and initiatives toward imaging have new payment updates, coding changes, and policies regarding clinical decisions that will have a direct impact on imaging.

Medical tourism is one major trend in the medical industry and its popularity is increasing across the globe due to the huge difference in treatment cost.

Benefits – The report provides complete details about the sub-segment of the global computed tomography market. Thus, the key stakeholders can know about the major trends, drivers, investments, vertical player's initiatives, and government initiatives toward the medical devices segment in the upcoming

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