

Nuclear Medicine Equipment Market Booming Worldwide by 2030 With Size, Share, Statistics, Trends

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EINPresswire.com/ -- Nuclear medicine equipment including PET/CT and SPECT scans are utilized for collect radiation from small radioisotopes that reside into the body. This equipment thus helps in carrying out diagnosis of diseases and analyze the treatment response to the patient. The crucial factors driving the growth of the market include advent of advanced equipment, surge in prevalence of cardiovascular diseases and cancer, increase in investment in modernization of diagnostic imaging centers, and radiotracers developments.

The global [nuclear medicine equipment industry](#) generated \$2.5 billion in 2020, and is expected to reach \$3.4 billion by 2030, growing at a CAGR of 3.2% from 2021 to 2030.

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The oncology segment is anticipated to maintain its leadership position during the forecast period, owing to the surge in incidence of cancer and rise in awareness regarding early diagnosis. However, the neurology segment is expected to register the highest growth rate as this equipment can be utilized for diagnosis and assessment of the treatment response to different neurological disorders including Alzheimer's disease, vascular dementia, brain death/injury, stroke & transient ischemic attack, and others.

The hospitals segment accounted for nearly two-fifths of the total market share in 2021, and is estimated to maintain its position during the forecast period. This is due to the growth of the number of patients in hospitals with increase in the occurrence of chronic diseases. Based on



Nuclear Medicine Equipment Market by

region, North America contributed the highest market share in the market in 2021, and is expected maintain its leadership position in the future. This is due to the presence of huge geriatric population, advancements in technology, supportive imbursement policies, and affordability for buying modern and expensive equipment.

Covid-19 Scenario

During the Covid-19 pandemic, there was a decline in conventional nuclear imaging procedures in electric surgery for cardiovascular diseases and the diagnosis of different types of cancers. This led to reduced demand for various types of equipment such as SPECT.

Hospitals and healthcare organizations across the world postponed the non-elective surgeries during the pandemic to focus on treatment of huge number of patients infected with coronavirus. This consequently, reduced the demand for nuclear medicine equipment.

The single-photon emission computed tomography (SPECT) segment to maintain its dominance throughout the forecast period

Based on product, the single-photon emission computed tomography (SPECT) segment accounted for the highest market share in 2020, contributing to more than half of the global nuclear medicine equipment market, and is estimated to maintain its dominance throughout the forecast period. This is attributed to rise in prevalence of cancer across the world. However, the positron emission tomography (PET) segment is projected to manifest the fastest CAGR of 3.6% from 2021 to 2030. This is due to rise in usage to enhance the accuracy of nuclear medicine imaging in the field of clinical oncology and diagnosis of brain tumor.

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The hospitals segment to continue its leadership status by 2030

Based on end user, the hospitals segment held the highest share in 2020, accounting for more than half of the global nuclear medicine equipment market, and is projected to continue its leadership status by 2030. This is attributed to rise in the prevalence of cancer and the surge in demand for nuclear medicine equipment in hospitals. However, the academic and research institutes segment is estimated to witness the highest CAGR of 6.1% from 2021 to 2030. This is due to increase in research and development activities toward nuclear medicines.

North America to continue its lead position by 2030

Based on region, North America contributed to the highest market share in terms of revenue in 2020, accounting for around two-fifths of the global live chat software market, and is projected to continue its lead position by 2030. This is attributed to well-established healthcare infrastructure and the presence of major key players in the market. However, Asia-Pacific is estimated to witness the largest CAGR of 4.4% during the forecast period, owing to increase in

prevalence of cancer & other chronic diseases, rise in awareness about early diagnosis of cancer, and untapped potential in the region.

Leading Market Players

Simen Healthineers
Fujifilm Holdings
Canon Inc
Digirad Corporation
Mediso Medical Imaging Systems
SurgicEye GmbH
General Electric Company
Koninklijke Philips N.V.
Bozlu Holding
Nuerosoft Medical Systems

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