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Diagnostic Imaging Devices Global Market – Forecast To 2025

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Abstracts

Diagnostic imaging is a non-invasive method for identifying and monitoring diseases or injuries by generating the images of internal anatomic structures and organs of the body for diagnosis purpose. It is used for the diagnosis of the most life threatening diseases such as cancer and heart disease and has nearly eliminated the need for exploratory surgery. The use of diagnostic imaging devices is increasing significantly due to increased demand by patients and physicians as they provide precise information of disease condition which will help physicians to treat patients effectively and play an important role in the early diagnosis and prevention of disease. According to IQ4I analysis, the diagnostic imaging devices global market is expected to grow at a single digit CAGR to reach $46,481.7 million by 2025. The diagnostic imaging devices market is mainly segmented by products, technology, application, end-users and by geography.

The diagnostic imaging device by products is segmented into X-ray systems (portable and stationary), Computed Tomography (CT) Scanners (portable and stationary CT scanners), Magnetic Resonance Imaging (MRI) systems (open, closed MRI), Ultrasound systems (trolley/Cart based, Compact/portable based), Nuclear imaging systems (SPECT/PET), Mammography and other systems. In CT scanners segment stationary CT commanded the largest revenue in 2018 and expected to grow at a medium single digit CAGR from 2018 to 2025. Portable CT systems grow with a double digit CAGR from 2018 to 2025. In NI segment PET commanded the largest revenue in 2018 and expected to grow at a medium single digit CAGR from 2018 to 2025. SPECT systems grow with a high single digit CAGR from 2018 to 2025. In MRI segment closed sided MRI commanded the largest revenue in 2018 and expected to grow at a medium single digit CAGR from 2018 to 2025. Open sided MRI systems grow with a high single digit CAGR from 2018 to 2025. In ultrasound segment trolley/cart ultrasound systems based commanded the largest revenue in 2018 and expected to grow at a low single

digit CAGR from 2018 to 2025. Compact/ portable ultrasound systems grow with a high single digit CAGR from 2018 to 2025. In X-ray systems stationary X-ray systems commanded the largest revenue in 2018 and expected to grow at a medium single digit CAGR from 2018 to 2025. Portable X-ray systems grow with a high single digit CAGR from 2018 to 2025.

The diagnostic imaging devices by technology is segmented into Computed Tomography Scanners (Low, Medium, High slice CT scanners), Nuclear Imaging Equipment (SPECT, PET), Magnetic Resonance Imaging Systems (Low, High, Very high field MRI), Ultrasound Scanners (2D, 3D, 4D, Doppler), X-ray Devices (Digital, Computed, Analog Radiography). In CT scanners medium size CT scanners segment commanded the largest revenue in 2018 and expected to grow at a mid single digit CAGR from 2018 to 2025. High slice CT systems grow with a high single digit CAGR from 2018 to 2025. In NI segment PET commanded the largest revenue in 2018 and expected to grow at a mid single digit CAGR from 2018 to 2025. SPECT systems grow with a high single digit CAGR from 2018 to 2025. In MRI segment High field MRI commanded the largest revenue in 2018 and expected to grow at a mid single digit CAGR from 2018 to 2025. Very high field MRI systems grow with a high single digit CAGR from 2018 to 2025. In ultrasound segment 2D ultrasound systems commanded the largest revenue in 2018 and expected to grow at a low single digit CAGR from 2018 to 2025. 3D and 4D systems grow with a high single digit CAGR from 2018 to 2025. In X-ray digital radiography segment commanded the largest revenue in 2018 and expected to grow at a high single digit CAGR from 2018 to 2025.

Depending on the applications the diagnostic imaging market is segmented into cardiovascular, Cancer (Oncology), abdomen related disorders, neurology, orthopaedic related problems, pulmonology, gynaecology, dental and others. Among the application, cancer segment holds the highest share in 2018 and expected to grow at a high single digit CAGR from 2018 to 2025, due to Increase incidence of cancer disease, urge for the advanced imaging modalities.

Diagnostic imaging technologies global market by end users is segmented into hospitals, private diagnostic laboratories and research laboratories. Hospitals segment holds the highest share in 2018 and expected to grow at a single digit CAGR from 2018 to 2025, due to increasing in infrastructure of the hospital setup, government fund allocation, increase in the number of installed units of diagnostic imaging modalities, Improved patient safety and clinical outcomes and reducing diagnosis error drives the end users market. The private diagnostic centres segment is expected to grow with a high single digit CAGR from 2018 to 2025.

Diagnostic imaging global market is segmented into four major regions namely North America, Europe, Asia Pacific and Rest of World (ROW). North American region commanded the largest revenue in 2018 and expected to grow at a medium single digit CAGR from 2018 to 2025. Increasing growth in aging population with life threatening diseases and significant increase in diagnostic centers in U.S. has led the market growth in this region. However, Asia-Pacific is expected to grow at highest single digit CAGR from 2018 to 2025 owing to the rapidly increasing aging population.

Major players in the diagnostic imaging devices global market are Carestream Health, Inc. (U.S.), GE Healthcare (U.S.), Siemens Healthcare (Germany), Philips N.V (Netherlands), Hitachi Medical Corporation (Japan), Hologic, Inc. (U.S.), Shimadzu Corporation (Japan), Canon Medical Systems Corporation (Japan), Fujifilm Holdings Corporation (Japan) and Shenzhen Mindray Bio-Medical Electronics (China).

The report provides an in-depth market analysis of the above-mentioned segments across the following regions:

- North America
  - U.S.
  - Rest of North America
- Europe
  - Germany
  - France
  - U.K.
  - Rest of Europe
- Asia-Pacific
  - Japan
  - China

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Australia

Rest of APAC

Rest of the World (RoW)

Brazil

Rest of Latin America

Middle East and Others

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