Spectral Computed Tomography (CT) Market Research Report- Forecast to 2023

Description:
Spectral Computed Tomography (CT) Market Research Report: By Types (Spiral Ct, Electron Beam Tomography, Multi-Slice Computed Tomography, Positron Emission Tomography (Pet) And Single-Photon Emission Computed Tomography), By Application (Oncology, Neurology, Cardiology, Spine, Musculoskeletal Disorders, Body Imaging, Gastrointestinal Diseases), By End Users (Diagnostic Centers, Hospitals)- Global Forecast Till 2023

Market scenario
Computed tomography (CT) has a prominent place in the medical imaging. Medical imaging is the process of making visual representation of the interior of the body for the diagnosis. It has ability to create pictures of internal anatomy and convert them to film through diagnostic imaging, which has changed the diagnostic and treatment of many diseases. Increasing prevalence of the cardiac diseases, cancer, neurological diseases, orthopedic diseases and many others is the major driving factor for the growth of the global spectral CT market. According to the National Institutes of Health, patients older than 65 years that undergo diagnostic imaging is over two times more than the rate of younger people. Moreover, rapid development in the medical imaging devices, launch of new products, and rising geriatric population have fuelled the market growth. However, adverse effects of the X-rays and the market saturation in the developed countries may affect the growth of the market negatively. The global spectral computed tomography market is expecting a healthy growth at a CAGR of 7.8% during the forecast period 2017-2023.

Intended Audience
- Spectral Computed Tomography Manufacturers
- Spectral Computed Tomography Supplier
- Pharmaceutical Industries
- Research and Development (R&D) Companies
- Medical Research Laboratories
- Academic Medical Institutes and Universities

Segmentation
The global spectral computed tomography market is segmented on the basis types, applications, and end users. On the basis of types, the market is segmented into spiral CT, electron beam tomography, multi-slice computed tomography, positron emission tomography (PET), and single-photon emission computed tomography, and others. On the basis of applications, the market is categorized into oncology, neurology, cardiology, spine, musculoskeletal disorders, body imaging, and gastrointestinal diseases. On the basis of end users, the market is classified into diagnostic centers, hospitals, and others.

Figure 1- Global Spectral Computed Tomography Market Share, By Application (%)
Source- Annual reports, press release, white paper, company presentation

Regional analysis

Geographically, America continues to dominate the global spectral computed tomography market owing to presence of huge patients suffering from the cardiovascular diseases, cancer and orthopedic diseases. According to Centers for Disease Control and Prevention, More than half of the total America population has acute or chronic cardiovascular diseases. Furthermore, rising geriatric population, and well-developed healthcare sector have contributed in the growth of the market. Europe accounts for the second largest market, which is followed by Asia Pacific. Asia Pacific is the fastest growing market owing to the presence of developing countries like India and China. The presence of a huge population and opportunities boosts the growth of the market. The Middle East & Africa owns the least share in the market.

Market Assessment

Source- World Health Organization (WHO), National Institutes of Health, white paper, company presentation, annual reports

Key players

Some of the major players in the global spectral computed tomography market are Thermo Fisher Scientific (US), Agilent Technologies (US), Koninklijke Philips N.V. (Netherlands), Neusoft Medical Systems (Russia), General Electric Company (US), Pall Corporation (US), Hitachi medical corporation (Japan), Xoran Technologies, LLC (US), Varian Medical Systems, Inc. (US), Trivitron Healthcare (US), Siemens Healthcare Private Limited (Germany), PerkinElmer Inc. (US), Bio-Rad Laboratories, Inc. (US), Cleaver Scientific Ltd (UK), NeuroLogica Corp (US), Shenzhen Anke High-tech Co., Ltd. (China), iCAD Inc. (US),
The report for global spectral computed tomography market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives a clear picture of the current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different markets segments and regions.
8. Global Spectral Computed Tomography Market, by End Users
8.1 Diagnostic Centers
8.2 Hospital
8.3 Other

9. Global Spectral Computed Tomography Market, by Region
9.1 Introduction
9.2 America
9.2.1 North America
9.2.1.1 US
9.2.1.2 Canada
9.2.2 South America
9.3 Europe
9.3.1 Western Europe
9.3.1.1 Germany
9.3.1.2 UK
9.3.1.3 France
9.3.1.4 Italy
9.3.1.5 Spain
9.3.1.6 Rest of Western Europe
9.3.2 Eastern Europe
9.4 Asia Pacific
9.4.1 Japan
9.4.2 China
9.4.3 India
9.4.4 Australia
9.4.5 Republic of Korea
9.4.6 Rest of Asia Pacific
9.5 Middle East & Africa
9.5.1 United Arab Emirates
9.5.2 Saudi Arabia
9.5.3 Oman
9.5.4 Kuwait
9.5.5 Qatar
9.5.6 Rest of Middle East & Africa

10 Competitive Landscape
10.1 Cost of Products
10.2 Production Capacity of Major Players

11 Company Profile
11.1 Bio-Rad Laboratories, Inc
11.1.1 Overview
11.1.2 Product/Business Segment Overview
11.1.3 Financial Updates
11.1.4 Key Developments
11.2 Koninklijke Philips N.V.
11.2.1 Overview
11.2.2 Product/Business Segment Overview
11.2.3 Financial Updates
11.2.4 Key Developments
Table 5 Global Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 6 Global Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 7 Americas Spectral Computed Tomography (CT) Market, by Type, 2017–2023, (USD Million)
Table 8 Americas Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 9 Americas Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 10 North America Spectral Computed Tomography (CT) Market, by Type, 2017–2023, (USD Million)
Table 11 North America Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 12 North America Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 13 South America Spectral Computed Tomography (CT) Market, by Type, 2017–2023, (USD Million)
Table 14 South America Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 15 South America Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 16 Europe Spectral Computed Tomography (CT) Market, by Type, 2017–2023, (USD Million)
Table 17 Europe Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 18 Europe Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 19 Western Europe Spectral Computed Tomography (CT) Market by Type, 2017–2023, (USD Million)
Table 20 Western Europe Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 21 Western Europe Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 22 Eastern Europe Spectral Computed Tomography (CT) Market, by Type, 2017–2023, (USD Million)
Table 23 Eastern Europe Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 24 Eastern Europe Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 25 Asia Pacific Spectral Computed Tomography (CT) Market, by Type, 2017–2023, (USD Million)
Table 26 Asia Pacific Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 27 Asia Pacific Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)
Table 28 Middle East & Africa Spectral Computed Tomography (CT) Market, by Type, 2017–2023, (USD Million)
Table 29 Middle East & Africa Spectral Computed Tomography (CT) Market, by Application, 2017–2023, (USD Million)
Table 30 Middle East & Africa Spectral Computed Tomography (CT) Market, by End-User, 2017–2023, (USD Million)

LIST OF FIGURES
Figure 1 Research Process
Figure 2 Segmentation for Global Spectral Computed Tomography (CT) Market
Figure 3 Segmentation Market Dynamics for Spectral Computed Tomography (CT) Market
Figure 4 Global Spectral Computed Tomography (CT) Market Share, by Type 2016
Figure 5 Global Spectral Computed Tomography (CT) Market Share, by Application 2016
Figure 6 Global Spectral Computed Tomography (CT) Market Share, by End User, 2016
Figure 7 Global Spectral Computed Tomography (CT) Market Share, by Region, 2016
Figure 8 Americas Spectral Computed Tomography (CT) Market Share, by Country, 2016
Figure 9 Europe Spectral Computed Tomography (CT) Market Share, by Country, 2016
Figure 10 Asia Pacific Spectral Computed Tomography (CT) Market Share, by Country, 2016
Figure 11 Middle East & Africa Spectral Computed Tomography (CT) Market Share, by Country, 2016
Figure 12 Global Spectral Computed Tomography (CT) Market: Company Share Analysis, 2016 (%)