Israel CT Scanners Market By Technology (16-slice, 32-slice, 128 & Above slice, 64-slice, and 8-slice and less than 8 slices), By Modality (Fixed, Mobile), By Device Architecture (O-Arm, C-Arm), By Application (Cardiology, Oncology, Neurology, and Others), By End Users (Hospitals, Diagnostic Centers, and Others), and By Region, Competition, Forecast, and Opportunities, 2028

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Abstracts

Israel CT scanners market is anticipated to witness a growth of steady CAGR during the forecast period. The CT Scanners market in Israel has witnessed significant growth over the past few years, owing to the rise in elderly population in the country. Israel, like many countries around the world, is experiencing a growing elderly population. According to the Israeli Central Bureau of Statistics, in 2020, the percentage of people aged 65 and over was 14.8% of the total population, and this number is projected to reach 20% by 2040. This trend presents unique challenges and opportunities for the country's economy and healthcare system.

One of the main challenges of ageing population is the strain it puts on the healthcare system. Elderly people tend to have more health problems and require more medical attention than younger people. This puts pressure on healthcare providers and can lead to long wait times for medical appointments and procedures. To address this issue, the Israeli government has been investing heavily in healthcare infrastructure and services for the elderly people. For example, the government has increased funding for home care services, which allow elderly people to receive medical care and support in their own homes.

Also, the rising prevalence of chronic disease in the nation is another reason contributing to the augmentation of the Israel CT scanners market. Some of the most common chronic diseases in Israel include cardiovascular disease (according to the published reports, 10.2% of Israeli men and 7.1% of Israeli women are affected with cardiac diseases having a 7.5% and 4.1% prevalence of coronary artery disease respectively), diabetes, cancer (according to the World Health Organization (WHO), cancer is the leading cause of death in Israel, accounting for 28% of all deaths), and chronic respiratory diseases. According to the Israeli Ministry of Health, these diseases account for over 70% of all deaths in the country. The prevalence of these diseases is driven by a variety of factors, including aging population, lifestyle factors such as smoking and poor diet, and genetic factors.

Rapidly Developing Hospital and Healthcare Infrastructure in Israel

Israel is witnessing a rapid development of hospital and healthcare infrastructure, fuelled by a combination of factors, including technological advancements, government support, and a growing population. The country has made significant strides in providing world-class medical facilities and services to its citizens, making it a leader in healthcare innovation.

One of the primary drivers of the rapidly developing hospital and healthcare infrastructure in Israel is the country's focus on technology and innovation. Israel is home to a thriving healthcare technology sector, with several startups and established companies developing cutting-edge medical devices, software, and systems. These technologies are being integrated into hospital and healthcare infrastructure, improving patient care and outcomes.

The Israeli government has also been instrumental in supporting the development of hospital and healthcare infrastructure. The government has invested heavily in building new hospitals, upgrading existing facilities, and providing financial incentives to healthcare providers to encourage the adoption of advanced medical technologies.

Furthermore, the growing population in Israel has led to an increased demand for healthcare services and facilities. The country's aging population and the rise in chronic diseases have also contributed to the need for more advanced medical facilities and equipment. The country has one of the highest life expectancies in the world, with the average life expectancy being 83 years. The aging population is more susceptible to chronic diseases and requires regular medical check-ups and imaging scans, creating a

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significant demand for medical imaging devices.

The rapidly developing hospital and healthcare infrastructure in Israel is evident in several ways. One of the most notable advancements is the construction of new hospitals and medical centers across the country. For instance, the Tel Aviv Sourasky Medical Center is one of the largest and most advanced medical centers in the country, offering a wide range of medical services, including surgery, oncology, and cardiology.

There has been an increased adoption of digital health technologies in Israel's healthcare system. This includes the use of electronic medical records, telemedicine, and other digital health tools that are transforming the way healthcare is delivered in the country.

The rapidly developing hospital and healthcare infrastructure in Israel is not only improving patient outcomes but also creating new opportunities for medical tourism. The country has become a popular destination for patients seeking advanced medical treatments and procedures, particularly in areas such as oncology, neurology, and cardiology.

Growing Patient Emphasis on Effective and Early Diagnosis

Effective and early diagnosis is essential for providing the best possible treatment outcomes for patients. Patients are now more aware of the importance of timely diagnosis and are actively seeking medical attention at the earliest signs of symptoms.

One of the main reasons for the growing patient emphasis on effective and early diagnosis is the increasing prevalence of chronic diseases. Chronic diseases, such as cancer, diabetes, and heart disease, can be treated more effectively when diagnosed early.

Another factor driving the growing patient emphasis on early diagnosis is the increased access to information. With the advent of the internet and social media, patients can easily access information about medical conditions and the importance of early diagnosis. This access to information has empowered patients to take a more proactive role in their healthcare and has led to an increased demand for timely and accurate diagnosis.

Advances in medical technology have made it easier to diagnose medical conditions at an early stage. Medical imaging technologies such as CT scanners, MRI machines, and

ultrasound machines have become more advanced, providing clearer and more detailed images of the body. This has made it easier for healthcare professionals to detect and diagnose medical conditions at an early stage, leading to more effective treatment outcomes.

The growing patient emphasis on effective and early diagnosis has led to changes in the healthcare system. Healthcare providers are now investing in new technologies and processes to improve the speed and accuracy of diagnosis. For instance, some healthcare providers are implementing electronic medical records, which can improve communication between healthcare professionals and provide a comprehensive view of a patient's medical history, enabling faster and more accurate diagnosis.

Healthcare providers are investing in preventative care and screening programs to detect medical conditions at an early stage. These programs focus on identifying individuals who are at risk of developing chronic diseases and providing them with the necessary interventions to prevent the disease from developing or diagnose the condition early.

A Shift in Medical Care toward Image-Guided Interventions

The healthcare industry is rapidly evolving, and one of the most significant shifts is the increasing use of image-guided interventions such as CT scans. This shift has been driven by advances in medical imaging technology, which has made it easier for healthcare professionals to visualize the body's internal structures and perform minimally invasive procedures with greater accuracy and precision.

One of the primary reasons for the shift toward image-guided interventions is the increasing demand for less invasive procedures. In the past, many medical conditions required invasive surgeries to diagnose and treat, which often resulted in longer hospital stays, increased risk of complications, and longer recovery times. Image-guided interventions such as CT scans, allow healthcare professionals to perform minimally invasive procedures that are less traumatic for the patient, reducing the risk of complications and speeding up the recovery process.

Another reason for the shift toward image-guided interventions is the increasing accuracy and precision of medical imaging technology. Medical imaging technologies such as CT scanners have become more advanced, allowing healthcare professionals to visualize the body's internal structures with greater clarity and detail. This enhanced visualization enables healthcare professionals to perform procedures with greater

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accuracy and precision, reducing the risk of errors and improving patient outcomes.

Image-guided interventions also offer several other benefits for patients. For instance, they allow for faster and more efficient diagnosis and treatment. Procedures such as CT-guided biopsies enable healthcare professionals to obtain tissue samples quickly and accurately, allowing for faster diagnosis and treatment planning. Additionally, image-guided interventions often require less time in the hospital, reducing healthcare costs and allowing patients to return to their normal activities more quickly.

The shift toward image-guided interventions is also changing the healthcare landscape, as healthcare providers invest in new technologies and training to support these procedures. For instance, healthcare providers are investing in specialized equipment such as fluoroscopy machines and ultrasound machines to support image-guided interventions. Additionally, healthcare professionals are receiving specialized training to perform these procedures, ensuring that patients receive the highest level of care.

Market Segmentation

The Israel CT scanners market can be segmented by technology, modality, device architecture, application, end users, and region. Based on technology, the market can be segmented into 16-slice, 32-slice, 128 & Above slice, 64-slice, and 8-slice and less than 8 slices. Based on modality, the market can be divided into fixed and mobile. Based on device architecture, the market can be split into O-Arm and C-Arm. Based on application, the market can be categorized into cardiology, oncology, neurology, and others. Based on end users, the market can be fragmented into hospitals, diagnostic centers, and others.

Market Players

GE Medical Systems Israel Ltd, Philips Medical Haifa, Siemens Healthineers Israel, Arineta Ltd., Canon Medical Systems (Tzamal Medical) are some of the leading players operating in the Israel CT scanners market.

Report Scope:

In this report, Israel CT scanners market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Israel CT Scanners Market, By Technology:

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16-slice

32-slice

128 & Above slice

64-slice

8-slice and less than 8 slices

Israel CT Scanners Market, By Modality:

Fixed

Mobile

Israel CT Scanners Market, By Device Architecture:

O-Arm

C-Arm

Israel CT Scanners Market, By Application:

Cardiology

Oncology

Neurology

Others

Israel CT Scanners Market, By End Users:

Hospitals

Diagnostic Centers

Others

Israel CT Scanners Market, By Region:

The Mediterranean Coastal Plain

The Central Hills

The Jordan Rift Valley

The Negev Desert

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Israel CT scanners market.

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