

Israel Defibrillators Market, By Product (Implantable Cardioverter Defibrillators (ICD), External Defibrillators), By End user (Hospital, Pre-Hospital, Public Access Market, Alternate Care Market, Home Healthcare), By Region, Competition, Forecast & Opportunities, 2028

<https://marketpublishers.com/r/IA4E59A9C98CEN.html>

Date: October 2023

Pages: 90

Price: US\$ 3,500.00 (Single User License)

ID: IA4E59A9C98CEN

Abstracts

Israel defibrillators market is expected to grow at an impressive rate during the forecast period. The major factors include the increasing prevalence of cardiovascular diseases, a rise in the aging population, technological advancements, and growing focus toward public access defibrillator (PAD) by public and private organizations. Additionally, the rise in awareness about heart health and the availability of innovative defibrillators are contributing to the growth of the Israel defibrillators market.

Defibrillators are life-saving medical devices that are used to restore a normal heart rhythm in people who are experiencing a cardiac arrest or certain types of heart arrhythmias. They work by delivering an electrical shock to the heart, which helps to stop abnormal heart rhythms and allow the heart to resume its normal beating pattern and defibrillation is an effective treatment option which is used to treat cardiac arrest occurred due to ventricular fibrillation.

Israel's national EMS and blood services organization has taken this innovation to a new level. Thousands of automated external defibrillators (AEDs) have been placed in locations across Israel with the intention to increase availability of PADs. Defibrillator is the most vital piece of equipment in CPR, along with the performance of good quality chest compressions. In one recent project, in cooperation with the International Committee of the Red Cross (ICRC), 15 new smart stands were placed in rural towns

and villages from north to south of the country.

According to the Israel Heart Society, approximately 25,000 hospitalizations occur because of myocardial infarction each year; 43,000 patients have coronary angiograms annually, and 23,000 patients undergo percutaneous coronary interventions. This is expected to improve the growth of the Israel defibrillators market during the forecast period. Another important factor influencing the growth of the Israel defibrillators market is the rising awareness among local distributors and the increasing initiatives regarding cardiac health. This is anticipated to drive the growth of the Israel Defibrillators market during the forecast period.

Rising Prevalence of Cardiovascular Diseases

Cardiovascular diseases are a leading cause of mortality in Israel, accounting for around 25% of all deaths. This high prevalence of cardiovascular diseases has led to a growing demand for defibrillators, which are critical in the prevention and management of sudden cardiac arrest. Heart disease is the second cause of mortality (after cancer) and in recent years, it has accounted for 15% of the total number of deaths. Cardiac diseases affect 10.2% of Israeli men and 7.1% of women, with a prevalence of coronary artery disease of 7.5% and 4.1%, respectively. Cardiac disorders increase with age i.e., 42% of men and 31% of women aged more than 75 years have a cardiac illness, which propels the growth of the Israel defibrillators market. The prevalence of cardiac attack is attributed to factors, including lifestyle problems, excessive alcohol use, smoking, and obesity, which are predicted to boost the expansion of the Israeli defibrillators market. In Israel, rising lifestyle problems such as obesity are widespread and play a significant role in the rise of cardiovascular diseases. According to the World Health Organization, 64 percent of adults are overweight in which 7 percent of young Israelis fall between the age of 7-15 years. The Israeli government and various healthcare organizations have been actively working to raise awareness about cardiovascular diseases and the importance of early detection and treatment. This has led to an increase in the number of patients seeking medical attention for cardiovascular diseases and a growing demand for defibrillators. Moreover, the high prevalence of cardiovascular diseases in Israel has led to a growing demand for defibrillators. As a result, the defibrillator market in Israel is expected to grow significantly in the coming years, driven by the increasing adoption of advanced defibrillator technologies and the growing availability of healthcare services in the country. These factors are expected to drive the growth of the Israel defibrillators market during the forecast period.

Growing Geriatric Population

According to a World Health Organization data published in 2020, Israel reached approximately 1,913 or 5.44% of total deaths. The age adjusted death rate is 13.96 per 100,000 of population. Around 82% of deaths and 67% of premature deaths are caused due to occurrence of non-communicable diseases (NCDs). With the rise in aged population across the world, the demand for defibrillators is expected to increase further. Cardiovascular diseases are particularly prevalent among the aging population in Israel due to the high prevalence of risk factors such as hypertension, diabetes, and smoking. Smoking increases the chance of developing cardiovascular disorders in the geriatric population, which, in turn, indirectly raises the demand for defibrillators. Approximately 0.5% of women and 43.4% of men, respectively, were smokers in 2017, and 24.9% of people were physically inactive, according to a survey by the MoHP and the WHO. Generally, people above the age of 65 or 70 years of age have a high demand for defibrillators. This is due to the physiological changes one undergoes during the aging process in which the heart's conduction system becomes disordered. Also, in some cases, the number of conduction cells in the bundle and branches also decrease, which lead to the disfunction or slow functioning of the heart. This increases the necessity for heart treatments, which, in turn, fuels the demand for defibrillators in the Israel defibrillators market. Additionally, as the elderly population increases, there is a greater demand for healthcare services, including long-term care and specialized geriatric care. There may be an increased burden on the social security system, as the elderly population may require additional financial support.

Technological Advancement

According to the research article, the new growing technological advancement in defibrillators led to an increase in the demand for these devices. In July 2021, ZOLL medical corporation, a defibrillator-dealing company, announced that it had received clearance from FDA 510(k) to release the TBI (traumatic brain injury) dashboard feature on the monitor of defibrillators. This feature provides clinical decision support for managing patients with traumatic brain injury. In March 2021, the Rankin government provides facilities of external automated defibrillators for all the schools of Nova Scotia. The government made an investment of USD 700,000. The main purpose of this investment is the availability of these devices at the time of cardiac emergency. The electrical cardioversion plays a vital role in the treatment of dysrhythmia. Israel is a hub for artificial intelligence and machine learning technologies, which are being integrated into defibrillator technologies. These technologies can help to improve the accuracy of defibrillator settings and reduce the risk of complications, further driving the growth of the Israel defibrillators market. Moreover, the recent advancement in defibrillators

technology has been the introduction of wearable devices. These defibrillators can be monitored remotely by healthcare providers, allowing for more frequent and accurate tracking of patient health and reducing the need for in-person visits. This technology also allows for more efficient adjustment of defibrillators portability to meet each patient's specific needs, potentially improving outcomes and reducing the need for further interventions. These advancements have made defibrillators more accessible to a broader range of patients, which, in turn, has driven the growth of the Israel defibrillators market.

Market Segmentation

The Israel defibrillators market can be segmented by product, end user, and region. Based on product, the market is fragmented into implantable cardioverter defibrillators (ICD) and external defibrillators. Based on end user, the market is further divided into hospital, pre-hospital, public access market, alternate care market, and home healthcare.

Market Players

Medtronic of Israel Ltd, Abbott Israel, Biotronik Israel Inc, Stryker (Israel), MME Medical Equipment Inc., and Defibtech Israel are some of the leading companies operating in the Israel defibrillators market.

Report Scope:

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

Israel Defibrillators Market, By Product

Implantable Cardioverter Defibrillators (ICD)

External Defibrillators

Israel Defibrillators Market, By End User

Hospital

Pre-Hospital

Public Access Market

Alternate Care Market

Home Healthcare

Israel Defibrillators 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 defibrillators market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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Product link: <https://marketpublishers.com/r/IA4E59A9C98CEN.html>

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