Artificial Pancreas Market Research Report- Global Forecast till 2023

Report Information
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Artificial Pancreas Market Research information by control type (threshold suspend device system, non-threshold suspend device system, control-to-range (CTR) system, and control-to-target (CTT) system) by treatment type (insulin only, bi-hormonal, hybrid) and by end users - Global Forecast till 2023

Market Synopsis of Global Artificial Pancreas Market:

Market scenario:
Artificial pancreas are devices that mimics the glucose regulating function of healthy pancreas. These devices use computer-controlled algorithm so as to precisely calculate the amount of insulin to be delivered by using an insulin infusion pump. Advanced products can deliver bi-hormones so as to avoid excessive fall in blood sugar and more closely mimic the working of healthy pancreas with little or no input from the patient.

Considering all these factors the market for Artificial Pancreas is expected to reach $ 360 million by the end of 2023, this market is projected to growing at a CAGR of ~ 15.2 % during 2017-2023.

Key players of Global Artificial Pancreas Market:
Key players profiled in the report are Medtronic, Johnson & Johnson, Beta Bionics, Bigfoot Biomedical, Admetsys (pipeline product analysis), Animas Corporation, Defymed, dexcom, Insulet, medtech, Medtronic, Semma Therapeutics, Tandem Diabetes Care, TypeZero Technologies, and others.

Intended Audience
- Global Artificial Pancreas, manufacturers & suppliers
- Research and development (R&D) companies
- Market research and consulting service providers
- Academic institutes and universities

Segments:
The global artificial pancreas market is segmented on the basis of type and end users.
Based on type, the market has been segmented as threshold suspend device system, non-threshold suspend device system, control-to-range (CTR) system, and control-to-target (CTT) system.
Based on the treatment type, the market has been segmented as insulin only, bi-hormonal, and hybrid.
Based on the end users, the market has been segmented as hospitals and clinics, research, and others.

Figure 1  Global Artificial Pancreas Market by End Users, 2016 (% Market Share)
Regional analysis

US accounts for the maximum market share due to favorable reimbursement scenario and greater expenditure on healthcare. The faster market uptake of new technology in the US is also an important driver of the market for global artificial pancreas. Europe is the second largest market due to large disposable income and rising awareness. Asia Pacific region is expected to have the most potential which is estimated to be led by China and India. The Middle East & Africa market is led by the gulf nations particularly Saudi Arabia and UAE. The poor regions of Africa are expected to be a laggard due to poor economic and political conditions and poor healthcare penetration.

Study objectives:

- To provide a detailed analysis of the market structure along with estimated future growth forecast for the next six years about various segments and sub-segments of the global Artificial Pancreas market.
- To provide insights about factors affecting the market growth.
- To analyze the global Artificial Pancreas market based on various factors - Price Analysis, Supply Chain Analysis, Porters Five Force analysis etc.
- To provide past and estimated future revenue of the market’s segments and sub-segments with respect to four main geographies and their countries - the Americas, Europe, Asia Pacific along with Middle East & Africa.
- To provide country level analysis of the market with respect to the current market size and future growth prospects.
- To provide country level analysis of the market which includes segmentation by type, treatment type and end users.
- To provide overview of key players and their strategic profiling in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape of the market.
- To track and analyze developments which are competitive in nature such as joint ventures, strategic alliances, mergers and acquisitions, new product developments along with research and developments that are currently taking place in the global artificial pancreas markets.

Research methodology

The report for Global Artificial Pancreas Market by 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 a deeper insight of the market and industry performance. The report gives a clear picture of the current market scenario which includes past and estimated future market size with respect to value and volume, technological advancement, macro economical and governing factors in the market. The report provides detail information about
and strategies used by top key players in the industry. The report also gives a broad study of the different market segments and regions.

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