Global Medical Ventilator Information: By Type (Noninvasive Ventilators, Invasive Ventilators, Mechanical Ventilators), By Application (Critical Care, Neonatal Care, Emergency Care, Others) - Forecast Till 2023

Market Scenario

A medical ventilator is a device to assist respiration in critically ill patients and those requiring emergency care. Ventilators are also while giving anesthesia to the patient before the surgery. Ventilators may also be equipped with monitoring and alarm systems for continuous patient monitoring, backup batteries, oxygen tanks, and remote control. The Ventilator is either invasive or non-invasive and mechanical. Modern positive pressure ventilator is most widely used the type of mechanical ventilators. The demand for ventilators is increasing with the increasing number of critically ill patients, high incidence of chronic illness among children, the prevalence of lifestyle disorders such as heart attack, respiratory diseases, and the demand for ventilators in emergency care. The risk associated with the use of ventilation is that the patients may get ventilator associated with pneumonia, which is one of the common types of hospital acquired infections if he/she is ventilated for a long time.

The Global Medical Ventilator Market Is Expected To Grow at a CAGR Of Approximately 7.9% During The Forecast Period 2017-2023.

Figure 1: Global Medical Ventilator Market Share, By Region, 2016 (%)
and time-cycled ventilators. Mechanical ventilators are further segmented into positive pressure and negative pressure ventilators. On the basis of applications, the market is segmented into critical care, neonatal care, emergency care, and others.

**Figure 2: Market Synopsis**

Sources: Press release, presentation, company website, annual reports, government records, journals expert interview.

**Intended Audience**

- Medical Device Manufacturers
- Medical Device Suppliers
- Contract Research Organizations (CROs)
- Research and Development (R&D) Companies
- Academic Medical Institutes and Universities

**Regional Analysis**

The market consists of four regions: Americas, Europe, Asia Pacific and the Middle East & Africa. America is the largest market for medical ventilators owing to an increase in the lifestyle diseases leading to asthma, chronic obstructive pulmonary diseases, bronchitis & other disorders. Furthermore, increasing surgical procedures, increasing number of critically ill patients, as well as the presence of a large number of medical device manufacturers in the U.S boosting the growth of the market. Additionally, addiction to smoking leading to obstruction in breathing & other lung diseases also contributes to the growth of this market. Europe is the second largest market whose growth is attributed to the increasing prevalence of chronic respiratory diseases and the demand for mechanical ventilators. Strengthening healthcare infrastructure, availability of funds from government and the demand for critical care devices also contribute to the growth of this market in Europe. Asia Pacific shows the fastest growth in this market due to prevalence of chronic heart diseases & respiratory illness, increasing environmental pollution leading to various types of lung disorders & the presence of large patient pool drive the growth of this market. Also, the demand for point-of-care administration, rising number of surgical procedure and the demand for non-invasive ventilators drive this market in Asia Pacific. Increasing prevalence of heart diseases and its
risk factors such as diabetes and increasing number of the geriatric population also favor the growth of the market in Asia-Pacific. The market shows steady but rising growth in the Middle East and Africa due to the prevalence of obesity, heart disease, and other chronic illness, and increasing number of surgical procedures performed in hospitals.

Key Players

Koninklijke Philips N.V. (the Netherlands), Medtronic (Ireland), ResMed (U.S.), General Electric Company (U.S.), Becton, Dickinson and Company (U.S.), Allied Healthcare Products Inc. (U.S), Hamilton Medical (Switzerland), Teleflex Incorporated (U.S.)

The report for medical ventilator 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 the clear picture of 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.

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