Synopsis of the Global Sentinel Node Biopsy Market

A sentinel lymph node biopsy is a medical procedure, which involves identification, removal, and examination of the lymph node to verify the presence of cancer cells. Lymph nodes are a part of the lymphatic system which is found throughout the body and is connected to the lymph vessels. Breast cancer, melanoma, colon cancer, esophageal cancer, head and neck cancer, non-small cell lung cancer, stomach cancer, thyroid cancer are various indications for biopsy. The procedure helps the healthcare provider to determine the stage of cancer, its metastasis in order to plan a line of treatment for the patient.

Rising prevalence of various types of cancer such as breast cancer, melanoma, colon cancer and growing emphasis on women healthcare are the major drivers for the growth of the market. Additionally, increasing number of health problems women further fuel the market growth. Demand for diagnosis and treatment of breast cancer and the technologically advanced medical device is found to be increasing across the globe. Furthermore, increasing healthcare expenditure and overall growth of healthcare industry also influence the market growth. Extensive research in the field of reproductive health and diseases also boost the market. Increasing demand for new products and accessories with advent of technology in the healthcare industry also fuels the growth of the market across the globe. However, various factors restrained the market growth such as complications associated with the biopsy and unawareness among women.

The global sentinel node biopsy market is expected to grow at a CAGR of 5.1% during the forecast period.

Key Players in the Global Sentinel Node Biopsy Market

Some of the key players in this market are Devicor Medical Products, Inc., part of Leica Biosystems. (Germany), C. R. Bard, Inc. (U.S.), INTRAMEDICAL IMAGING LLC (U.S.), Hilfe Engineering Corporation (India), Surgic Eye (Germany), KUB Technologies, Inc. (U.S.), Navidea Biopharmaceuticals, Inc.(U.S.) and others.

Sentinel Node Biopsy Market Segments

The global sentinel node biopsy market is segmented on the basic product, indication, and end user.

On the basis of product, the sentinel node biopsy market is segmented into breast localization wire, tissue marker, gamma probe, drainage catheter, and others

On the basis of indication, the sentinel node biopsy market is segmented into breast cancer, melanoma, colon cancer, esophageal cancer, and others.

On the basis of the end user, the sentinel node biopsy market is segmented into hospitals & clinics, diagnostic centers, and others.

Intended Audience
Regional Analysis of the Global Sentinel node biopsy Market

America captures the first position for sentinel node biopsy market is driven by increasing number of women suffering from breast disorders and rising prevalence of breast cancer in the U.S. and Canada. Furthermore, the market is also driven by the availability of technologically advanced medical devices and quality care in healthcare institutes. In Americas, North America is the major market due to increasing number of market players offering biopsy devices and instruments. As per the American Cancer Society, in 2015, there were 231,840 new cases of breast cancer, and till March 2017, there were 3.1 million women with a history of breast cancer in the U.S. As per the National Cancer Institute, 2016, in the U.S. around 1,685,210 new cases of cancer were diagnosed and in 2014, around 15,780 children and adolescents ages 0 to 19 were diagnosed with cancer and 1,960 died of the disease.

In Europe, sentinel node biopsy market shows better growth opportunities governed by the ongoing research and development activities in the field of oncology. In Europe, there is an increasing demand for medical devices and availability of funds for research and development activities in the reproductive health. Germany acquires the first position the European market owing to an increasing demand for cancer diagnosis. France and U.K secure second and third position are respectively owing to the availability of tertiary care facilities in these countries and rising healthcare expenditure.

The Asia Pacific is the fastest growing region for the sentinel node biopsy market whose growth is determined by the presence of highly skilled workforce and increasing demand for biopsy procedures in hospitals and specialty care centers. India and China exhibit enormous growth opportunities owing to ever increasing the prevalence of chronic diseases, increase in a number of women suffering for reproductive disorders, and increasing expenditure on surgical procedures industry by key players in developing economies throughout the Asia Pacific.

In the Middle East, Saudi Arabia and the United Arab Emirates are the major countries holding the largest share in the market. Increase in the number of specialty care services and rising demand for diagnosis of various types of cancer are the key drivers of the sentinel node biopsy market. Africa exhibits slow growth owing to limited penetration of technology in this region and unawareness about sentinel node biopsy.

FIGURE 1: Global Sentinel node biopsy Market by Region, 2016 (%)
Research Methodology

The report for Global Sentinel Node Biopsy 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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