

# Global Transplantation Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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## Abstracts

Transplantation is a procedure wherein diseased or injured cells, tissues, or organs are replaced with healthy cells, tissues, or organs to restore normal functioning of the body. Donor and recipient cells, tissues, and organs should match or be compatible, or can lead to transplant rejection. The surface of the transplanted organs contains antigens, which the recipient's immune system may not adapt to. This can lead to rejection of an organ. Hence, serological and human leukocyte antigen (HLAs) tests are conducted to help identify the antigens and help in successful organ transplantation. With HLA testing, immunosuppressive drugs are provided to minimize graft rejection. In humans, major histocompatibility complex controlled by the genes located on chromosome 6 is responsible for ensuring compatibility between donors and recipients.

### SCOPE OF THE REPORT:

This report studies the Transplantation market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Transplantation market by product type and applications/end industries.

M&A between small specialized hospitals and Tier-1 hospitals is one of the primary drivers for market growth. Rising acquisition of small hospitals by large tier-1 hospitals has led to the betterment of organ transplantation, wound care, and diagnosis that has indirectly impacted the growth of the transplantation market positively. These acquisitions assist in training the healthcare staff, including physicians and nurses, and patients are open to avail a range of patient monitoring equipment. Moreover, the brand name of the large hospitals attracts people to receive healthcare services that increase the requirement for transplant diagnostic products, assays, and kits. Also, M&A of small and medium-sized hospitals with large hospitals has increased the availability of

services such as dedicated treatments for nephrology and cardiology, which in turn, meets the demands of patients.

The Americas led the global transplantation market during 2017 and is foreseen to continue the domination during the forecast period. Factors like unhealthy dietary habits, consumption of alcohol, and severe diseases such as ESRD and liver cirrhosis leads to incidents of organ failure thus driving the demand for transplantation in the region.

The global Transplantation market is valued at 73000 million USD in 2017 and is expected to reach 126500 million USD by the end of 2023, growing at a CAGR of 9.6% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Transplantation.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

AbbVie

Arthrex

Zimmer Biomet

Medtronic

Novartis

Stryker

BioLifeSolutions

Teva Pharmaceuticals

Veloxis Pharmaceuticals

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Kidney Transplantation

Liver Transplantation

Heart Transplantation

Lung Transplantation

Pancreas Transplantation

Market Segment by Applications, can be divided into

Hospitals and Transplant Centers

Diagnostic Registries and Research Laboratories

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