Organ Transplantation Market Research Report- Global Forecast Till 2023

Organ Transplantation Market Research Report, By Type Of Organ (Heart, Kidney, Others), By Products (Organ Preservation Solutions, Transplant Diagnostics, Tissue Products), By Type Of Transplant (Autograft, Allograft And Others), By Treatment (Analgesic, Immunosuppressant And Other), By End Users (Hospitals, Transplant Centers And Other) - Global Forecast Till 2023

Market scenario:

Organ transplantation is one of the great advances in the modern day medicine. Organ transplantation is a medical procedures in which an organ is removed from one body and transferred to another body, to replace the missing or damaged organ. One of the most important aspect of the organ transplantation is the consent of the patient himself or the family of the patient. Organ harvesting without proper consent is illegal and a massive crime. Organ transplantation is mostly carried out with the brain dead patient who’s other organs are healthy and can be used to save another person’s life. The process of organ transplantation needs to be done right after the death of the patient until couple of hours. This procedure is performed to treat organ failures in lungs, liver, kidney and many more. Kidney is the most widely transplanted organ which is followed by liver. Unfortunately, the need for organ donors is much higher than the number of people who donate organs. According to National Kidney Foundation, more than 3,000 new patients are added to the kidney waiting list each month worldwide. According to United Network for organ sharing, in United States everyday 21 people die waiting for an organ, and more than 120,000 men, women, and children await lifesaving organ transplants.

The major driving factor for the organ transplantation market are increasing prevalence of number of chronic diseases and organ failure. Increasing prevalence of renal diseases, over consumption of alcohol and unhealthy diet has provided push for the growth of the market. Whereas, high cost of transplantation, limited number of donor and increasing incident of organ failure has restrained the growth of the market.

Global organ transplantation market is expected to grow at a CAGR of 9.8% during forecasted period 2017-2023.

Figure 1- Global organ transplantation market, by type of organ
Key players for global organ transplantation market

Novartis International AG (Switzerland), Terumo Medical Corporation (US), Transonic (US), F. Hoffmann-La Roche Ltd. (Switzerland), Astellas Pharma, Inc (Japan), Preservation Solutions, Inc. (US), OrganOX Limited (UK), Bio Med Pvt. Ltd. (US), Transplant Biomedical (UK), TransMedic, Inc. (US), Accord Healthcare GmbH (Spain), Sanofi (France), Pfizer, Inc. (US), Veloxis Pharmaceuticals A/S (Denmark), GlaxoSmithKline Plc. (UK)

Segmentation

Global organ transplantation market is segmented on the basis of type of organ, into heart, kidney, liver, lungs, and other. On the basis of products, they are segmented into organ preservation solutions, transplant diagnostics, tissue products and other. On the basis of type of transplant the market is segmented into autograft, allograft and allotransplantation, xenograft and xenotransplantation and other.

On the basis of treatment the market is segmented into analgesic, immunosuppressant and other. Immunosuppressant is further segmented into calcineurin inhibitors, mTOR inhibitor, antiproliferative agents, steroids and other. Calcineurin Inhibitors are sub segmented into tacrolimus and cyclosporine. mTOR inhibitor is sub segmented into sirolimus and everolimus.

On the basis of end users, the market is sub segmented into hospitals, transplant centers and other.

Regional analysis

Geographically, America dominate the global organ transplantation market. Increasing prevalence of organ failure, rapid development in the medical sector, well developed healthcare sectors and higher healthcare expenditure are the major factors for the growth of American market. Europe is the second largest organ transplantation, which is followed by Asia Pacific. Asia Pacific is the fastest growing region for this market. Presence of rapidly developing economies, and large population pole suffering from chronic diseases is the major driving factor for Asia Pacific market.

Market Assessment
Intended Audience

- Pharmaceutical companies
- Research and Development (R&D) companies
- Independent research laboratories
- Market research and consulting service providers
- Medical research laboratories
- Academic medical institutes and universities

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