

Global Regenerative Medicine Market by Technology (Cellular Therapy, Gene Therapy, Tissue Engineering, and Exosome Therapeutics), By Source (Autologous and Allogenic), By Application (Dermatology, Musculoskeletal, Oncology, Cardiovascular, Neurology, Hematology & Immunology, and Others), By End-Users (Hospitals, Ambulatory surgery centers (ASCs), Clinics and Others), and By Region (North America, Europe, Asia Pacific, South America, Middle East, and Africa)-Global forecast from 2020-2027

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Abstracts

Global Regenerative Medicine Market expected to thrust by the rise in diseases related to aging and growing chronic diseases.

The global Regenerative Medicine Market likely to grow with CAGR 10.5% in the forecast period from 2020-2027, owing to the rising government investments in regenerative medicine. Additionally, the spread of chronic diseases and the increasing elderly population will augment the global regenerative medicine market in the upcoming period. According to the International Agency for Research on Cancer (IARC), the global cancer burden estimated to have risen to 18.1 million new cases and 9.6 million deaths in 2019. Globally, the total number of people who are alive within five years of a cancer diagnosis is estimated to be 43.8 million.

According to WHO, the proportion of the burden of non-communicable diseases expected to increase to 57% by 2020. Almost half of the total chronic disease deaths

are attributable to cardiovascular diseases, obesity, and diabetes. It has projected that, by 2020, chronic diseases will account for almost three-quarters of all deaths worldwide, and that 71% of deaths due to ischaemic heart disease (IHD), 75% of deaths due to stroke, and 70% of deaths due to diabetes will occur in developing countries. The growing application of regenerative medicine to address the rising prevalence of diseases such as Alzheimer's disease, Parkinson's disease, diabetes, heart disease, kidney failure, osteoporosis, and spinal cord injury projected to influence the global regenerative medicine market.

Impact of COVID-19 on Global Regenerative medicine market

COVID-19 is an infectious disease caused by the most recently discovered novel coronavirus. COVID-19 declared as a pandemic on March 11, 2020 by The World Health Organization (WHO). In many economies across diverse domains, this pandemic has disrupted development. In the initial phase of the forecast period, the COVID-19 epidemic will affect the demand for regenerative medicine. The regenerative medicine market is expected to register a certain decline during the forecast period due to national lockdowns, denied wound care facilities, cancelled or delayed elective procedures, and rising skin injuries in COVID-19 medical care providers.

Technology Overview in the Global Regenerative Medicine Market

Based on Technology, the global Regenerative Medicine Market categorized into Cellular Therapy, Gene Therapy, Tissue Engineering, and Exosome Therapeutics. The Cellular Therapy segment accounted for 49.55% market share in 2019 and is expected to dominate the market during the forecast period, 2020-2027. Owing to the growing application of cellular therapy for replacing the tissues and cells to treat various conditions, including arthritis, spinal cord injury, and Parkinson's disease, among others.

Source Overview in the Global Regenerative Medicine Market

Based on the Source, the Global Regenerative Medicine Market classified into Autologous and Allogenic. The Autologous segment estimated to exhibit 62.35% market share in 2019 and is projected to dominate the market, 2020-2027. Due to the minimization of risks from systemic immunological reactions, bio-incompatibility, and disease transmission.

Application Overview in the Global Regenerative Medicine Market

Based on the application, the Global Regenerative Medicine Market segregated into Dermatology, Musculoskeletal, Oncology, Cardiovascular, Neurology, Hematology & Immunology, and Others. The oncology segment witnessed to exhibit 44.65% market share in 2019 and expected to lead the market in the estimated period, 2020-2027, owing to surge in cancer affected population resulted in the implementation of efficient cancer treatment options.

End-User Overview in the Global Regenerative Medicine Market

Based on End-user, the Global Regenerative Medicine market segregated into Hospitals, Ambulatory surgery centers (ASCs), Clinics, and Others. The Hospital segment generated the highest revenue with 52.46% market in 2018 and anticipated to dominate the market over the forecast period 2019-2027 attributable to the hospitals form a partnership with regenerative medicine manufacturing companies to provide cell therapy and tissue scaffolds to improve patient care and treatment.

Regional Overview in the Global Regenerative Medicine Market

By geography, the Global Regenerative Medicine Market segmented into North America, Europe, Asia Pacific, Middle East & Africa, and South America. North America anticipated to exhibit 42.75% market share in 2019 and estimated to generate USD 67.87 Billion revenue by 2027 owing to the increasing prevalence of diseases, such as cancer and diabetes coupled with the availability of advanced technologies & the presence of research institutes and the rising initiatives by government and private organizations.

Global Regenerative Medicine Market: Competitive Landscape

Companies such as Integra LifeSciences Corporation, MiMedx Group, Inc., AstraZeneca, F. Hoffmann-La Roche Ltd, Merck & Co., Inc., Pfizer Inc., Stryker Corporation, Zimmer Biomet Holdings Inc., Medtronic Plc., Atherys Inc., US Stem Cell, Organogenesis Inc., Acelity Holdings Inc., Isto Biologics, Cryolife Inc. and Baxter are the key players in the Global Regenerative Medicine Market.

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