

Sickle Cell Disease Treatment Market Size, Share & Trends Analysis Report By Treatment Type (Blood Transfusion, Pharmacotherapy, Bone Marrow Transplant), By Major Markets, Vendor Landscape, And Segment Forecasts, 2018 - 2023

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Abstracts

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The global sickle cell disease treatment market size is expected to reach USD 5.5 billion by 2023, according to a new report by Grand View Research, Inc., exhibiting a 14.3% CAGR during the forecast period. Several factors such as increase in investments for R&D, growing target population, and favorable government initiatives are anticipated to drive the market.

Currently available treatments for sickle cell disease (SCD) usually provide symptomatic relief and palliative care. These treatment methods generally include blood transfusions, bone marrow transplant, and pharmacotherapy. Although bone marrow transplant is the only potentially curative treatment, it is recommended only to a small percentage of patients. The market has only two approved products—hydroxyurea and Endari.

High unmet medical needs, strong pipeline, and growing patient pool are key factors expected to influence market growth. In recent years, demand for cost-effective drugs and gene therapies for SCD has increased owing to unavailability of a permanent cure and risks associated with bone marrow transplant.

Expected launch of late-stage pipeline drugs such as voxelotor, crizanlizumab, Altemia, and rivipansel is projected to drive the sickle cell disease market during the forecast period. Healthcare initiatives undertaken by respective economies are crucial for

curbing the financial burden of the disease as well as for increasing access to healthcare facilities and providing various services for early diagnosis, subsequent treatment, and palliative care.

Further key findings from the report suggest:

Currently, 20 to 25 million people worldwide are reportedly living with sickle cell disease and about 300,000 infants are born annually with the disease

U.S. dominated the global market and is projected to maintain its position through 2023, owing to rise in incidence of diseases and launch of promising pipeline candidates

Among treatments, blood transfusion held the largest share in 2017, followed by pharmacotherapy. However, it is anticipated that pharmacotherapy will lead the market by 2023, supported by a strong pipeline and several promising drug launches

Emmaus Medical, Global Blood Therapeutics, bluebird bio, Pfizer, and Novartis are some of the key players operating in this market

Emmaus Medical is projected to dominate the SCD pharmaceutical market in 2023, supported by strong sales of Endari

Currently, 37 pipeline drugs are in various clinical development stages and significant sales contribution is expected from promising candidates such as voxelotor (Global Blood Therapeutics), crizanlizumab (Novartis), Altemia (Sancilio), and rivipect (Pfizer).

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