
Market Scenario

The umbilical cord blood is a rich source of stem cells and can treat more than 80 genetic diseases. The stem cells also can treat long-lasting diseases such as diabetes, cancer, immune diseases, and blood diseases. Even though a small amount of cord blood can be collected from a single umbilical cord, it comprises a large number of stem cells which can be cultivated and stored for the future use. These cells are collected from hospitals and nursing homes after delivery and stored in cord blood banks (average of 20–25 years) for future use.

Currently, the companies are trying to intensify the awareness about the benefits of cord blood storage. For instance, in 2014, the Institute for Transfusion Medicine and Cord Blood Registry pooled their resources to launch a multi-year initiative for increasing the awareness of cord blood cells.

Factors such as increasing application of cord blood in the treatment of chronic conditions, increasing the focus of federal agencies to set up public banking units, growing awareness regarding this treatment line, and increasing number of facilities across the region are driving the market growth. However, the high cost and probability of non-usage, along with the recommendation driven market by gynecologists are factors hampering the growth of the market.

Global market for Cord Blood Banking Services is expected to grow at a CAGR of approximately 11.4% during 2017 to 2023.

Intended Audience

- Cord blood banking service providers
- Biotechnology companies
- Government institutes
- Research and development companies
- Academic medical centers and universities
- Research and consulting firms
- Venture capital firms

Figure 1: - Global Cord Blood Banking Services Market Share, by Region
Segmentation

The global cord blood banking services market has been segmented on the basis of storage service, component, application, and end-user.

On the basis of storage service, the global cord blood banking services market can be segmented into public cord blood banks, private cord blood banks, and hybrid cord blood banks.

On the basis of component, the global cord blood banking services market can be segmented into cord blood, cord tissue, placenta, and others.

On the basis of application, the global cord blood banking services market can be segmented into cancers, blood disorders, metabolic disorders, immune disorders, and osteoporosis.

On the basis of end-user, the global cord blood banking services market is segmented into hospitals (medical applications), pharmaceutical research (drug discovery), research institutes (scientific research), and others.

Research Methodology
Regional Analysis

The global cord blood banking services market consists of four regions, namely, the Americas, Europe, Asia Pacific, and the Middle East and Africa.

The Americas region accounted for the largest market share of the global cord blood banking services market owing to the growing number of service providers, increasing awareness about the long-term benefits of cord blood storage, growing investments in public banking, and reduction in the cost involved in storage. Moreover, the U.S. contributes to a significant market share for the global cord blood banking industry. Factors such growing per capita income, increasing number of storage service providers, and high adoption rate for advanced technologies attributed to the largest market share.

The European cord blood banking services market is the second largest market followed by the Asia Pacific region. The Asia Pacific region is expected to dominate the global cord blood banking services market in terms of growth rate during the forecast period. Though the region presently grasps a minimal share in the global market; it is anticipated to exhibit an enormous growth potential owing to the increasing awareness of stem cell banking and vast improvement in health care reforms in countries such as Malaysia, India, Indonesia, and China. Besides, Asia Pacific is a relatively untapped regional market in comparison with developed regions, which is also a reason why it grants better opportunities for the growth of companies.

The Middle Eastern region is expected to grow at a steady pace owing to factors such as rising R&D activities in the healthcare sector and extensive development of the healthcare infrastructure.

Key Players

Some of the key players in the global cord blood banking services market are China Cord Blood Corporation (China), Cord Blood America, Inc. (U.S.), CBR Systems, Inc. (U.S.), Cordlife Group Limited (Singapore), Cryo-Cell International, Inc. (U.S.), Cryo-Save AG (Netherland), ViaCord, Inc. (U.S.), Virgin Health Bank (Qatar), California Cryobank Stem Cell Services LLC (U.S.), StemCyte, Inc. (India), Norton Healthcare, Inc. (U.S.), Lifeforce Cryobank Sciences Inc. (U.S.), CordVida (Brazil), CryoHoldco de Latinoamerica, S.A.P.I. De C.V. (Mexico), Vita 34 International (Germany), Maze Cord Blood Laboratories (U.S.), The University of Colorado Cord Blood Bank (U.S.), CorCell (U.S.), Lifebank USA (U.S.), Cryoviva Biotech Pvt. Ltd (India), Genecord (U.S.), AlphaCord (U.S.), FamilyCord (U.S.), Cells4Life (UK), Michigan Blood (U.S.), Caricord (U.S.), LifeCell International Pvt. Ltd (India), Stem Cell Cryobank Inc. (U.S.), Viacord Processing Laboratory (VPL) (U.S.), New Jersey Cord Blood Bank (U.S.), Carter BloodCare (U.S.), Americord Registry (U.S.), and others.
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