
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 as 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 (Netherlands), 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.

Contents:

TABLE OF CONTENT

Chapter 1. Report Prologue

Chapter 2. Market Introduction

2.1 Definition

2.2 Scope of the Study

2.2.1 Research Objective

2.2.2 Assumptions

2.2.3 Limitations

Chapter 3. Research Methodology

3.1 Introduction

3.2 Primary Research

3.3 Secondary Research

3.4 Market Size Estimation

Chapter 4. Market Dynamics

4.1 Drivers

4.2 Restraints

4.3 Opportunities

4.4 Challenges

4.5 Macroeconomic Indicators

4.6 Technology Trends & Assessment

Chapter 5. Market Factor Analysis

5.1 Porter’s Five Forces Analysis

5.1.1 Bargaining Power of Suppliers

5.1.2 Bargaining Power of Buyers

5.1.3 Threat of New Entrants

5.1.4 Threat of Substitutes

5.1.5 Intensity of Rivalry

5.2 Value Chain Analysis

5.3 Investment Feasibility Analysis

5.4 Pricing Analysis

Chapter 6. Global Cord Blood Banking Services Market, by Storage Services

6.1 Introduction

6.2 Public Cord Blood Banks

6.2.1 Market Estimates & Forecast, 2017–2023

6.3 Private Cord Blood Banks

6.3.1 Market Estimates & Forecast, 2017–2023

6.4 Hybrid Cord Blood Banks

6.4.1 Market Estimates & Forecast, 2017–2023
Chapter 7. Global Cord Blood Banking Services Market, by Component

7.1 Introduction

7.2 Cord Blood

7.2.1 Market Estimates & Forecast, 2017–2023

7.3 Cord Tissue

7.3.1 Market Estimates & Forecast, 2017–2023

7.4 Placenta

7.4.1 Market Estimates & Forecast, 2017–2023

7.5 Others

Chapter 8. Global Cord Blood Banking Services Market, by Application

8.1 Introduction

8.2 Cancers

8.2.1 Market Estimates & Forecast, 2017–2023

8.3 Blood Disorders

8.3.1 Market Estimates & Forecast, 2017–2023

8.4 Metabolic Disorders

8.4.1 Market Estimates & Forecast, 2017–2023

8.5 Immune Disorders

8.5.1 Market Estimates & Forecast, 2017–2023

8.6 Osteoporosis

8.6.1 Market Estimates & Forecast, 2017–2023

8.7 Others

Chapter 9. Global Cord Blood Banking Services Market, by End-User

9.1 Introduction

9.2 Hospitals (Medical Applications)

9.2.1 Market Estimates & Forecast, 2017–2023

9.3 Pharmaceutical Research (Drug Discovery)

9.3.1 Market Estimates & Forecast, 2017–2023

9.4 Research Institutes (Scientific Research)

9.4.1 Market Estimates & Forecast, 2017–2023

9.5 Others

Chapter 8. Global Cord Blood Banking Services Market, by Region

8.1 Introduction

8.2 Americas

8.2.1 North America

8.2.1.1 U.S.

8.2.1.1 Canada

8.2.2 South America

8.3 Europe

8.3.1 Western Europe
10.10.4 Key Developments
10.11 Lifeforce Cryobank Sciences Inc.
10.11.1 Company Overview
10.11.2 Product Overview
10.11.3 Financial overview
10.11.4 Key Developments
10.12 Others
Chapter 17 MRFR Conclusion
11.1 Key Findings
11.1.1 From CEO’s View Point
11.1.2 Unmet Needs of the Market
11.2 Key Companies to Watch
11.3 Prediction of the Pharmaceutical Industry
Chapter 12 Appendix
LIST OF TABLES
Table 1 Cord Blood Banking Services Industry Synopsis, 2017–2023
Table 2 Cord Blood Banking Services Market Estimates & Forecast, 2017–2023, (USD Million)
Table 3 Cord Blood Banking Services Market, by Region, 2017–2023, (USD Million)
Table 4 Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 5 Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 6 Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 7 Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 8 North America Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 9 North America Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 10 North America Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 11 North America Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 13 U.S. Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 14 U.S. Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 16 Canada Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 17 Canada Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 18 Canada Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 19 Canada Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 20 South America Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 21 South America Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 22 South America Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 23 South America Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 24 Europe Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 25 Europe Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 26 Europe Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 27 Europe Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 28 Western Europe Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 29 Western Europe Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 30 Western Europe Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 31 Western Europe Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 32 Eastern Europe Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 33 Eastern Europe Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 34 Eastern Europe Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 35 Eastern Europe Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 36 Asia Pacific Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 37 Asia Pacific Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 38 Asia Pacific Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 39 Asia Pacific Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)
Table 40 The Middle East & Africa Cord Blood Banking Services Market, by Storage Services, 2017–2023, (USD Million)
Table 41 The Middle East & Africa Cord Blood Banking Services Market, by Component, 2017–2023, (USD Million)
Table 42 The Middle East & Africa Cord Blood Banking Services Market, by Application, 2017–2023, (USD Million)
Table 43 The Middle East & Africa Cord Blood Banking Services Market, by End-User, 2017–2023, (USD Million)

LIST OF FIGURES

Figure 1 Research Process
Figure 2 Segmentation for Cord Blood Banking Services Market
Figure 3 Segmentation Market Dynamics for Cord Blood Banking Services Market
Figure 4 Global Cord Blood Banking Services Market Share, by Storage Services 2016
Figure 5 Global Cord Blood Banking Services Market Share, by Component 2016
Figure 6 Global Cord Blood Banking Services Market Share, by Application 2016
Figure 7 Global Cord Blood Banking Services Market Share, by End-User 2016
Figure 8 Global Cord Blood Banking Services Market Share, by Region, 2016
Figure 9 Americas Cord Blood Banking Services Market Share, by Country, 2016
Figure 10 Europe Cord Blood Banking Services Market Share, by Country, 2016
Figure 11 Asia Pacific Cord Blood Banking Services Market Share, by Country, 2016
Figure 12 Middle East & Africa Cord Blood Banking Services Market Share, by Country, 2016
Figure 13 Global Cord Blood Banking Services Market: Company Share Analysis, 2016 (%)
Figure 14 China Cord Blood Corporation: Key Financials
Figure 15 China Cord Blood Corporation: Segmental Revenue
Figure 16 China Cord Blood Corporation: Geographical Revenue
Figure 17 Cord Blood America, Inc.: Key Financials
Figure 18 Cord Blood America, Inc.: Segmental Revenue
Figure 19 Cord Blood America, Inc.: Geographical Revenue
Figure 20 CBR Systems, Inc.: Key Financials
Figure 21 CBR Systems, Inc.: Segmental Revenue
Figure 22 CBR Systems, Inc.: Geographical Revenue
Figure 23 Cordlife Group Limited: Key Financials
Figure 24 Cordlife Group Limited: Segmental Revenue
Figure 25 Cordlife Group Limited: Geographical Revenue
Figure 26 Cryo-Cell International, Inc.: Key Financials
Figure 27 Cryo-Cell International, Inc.: Segmental Revenue
Figure 28 Cryo-Cell International, Inc.: Geographical Revenue
Figure 29 Cryo-Save AG: Key Financials
Figure 30 Cryo-Save AG: Segmental Revenue
Figure 31 Cryo-Save AG: Geographical Revenue
Figure 32 ViaCord, Inc.: Key Financials
Figure 33 ViaCord, Inc.: Segmental Revenue
Figure 34 ViaCord, Inc.: Geographical Revenue
Figure 35 Virgin Health Bank: Key Financials
Figure 36 Virgin Health Bank: Segmental Revenue
Figure 37 Virgin Health Bank: Geographical Revenue