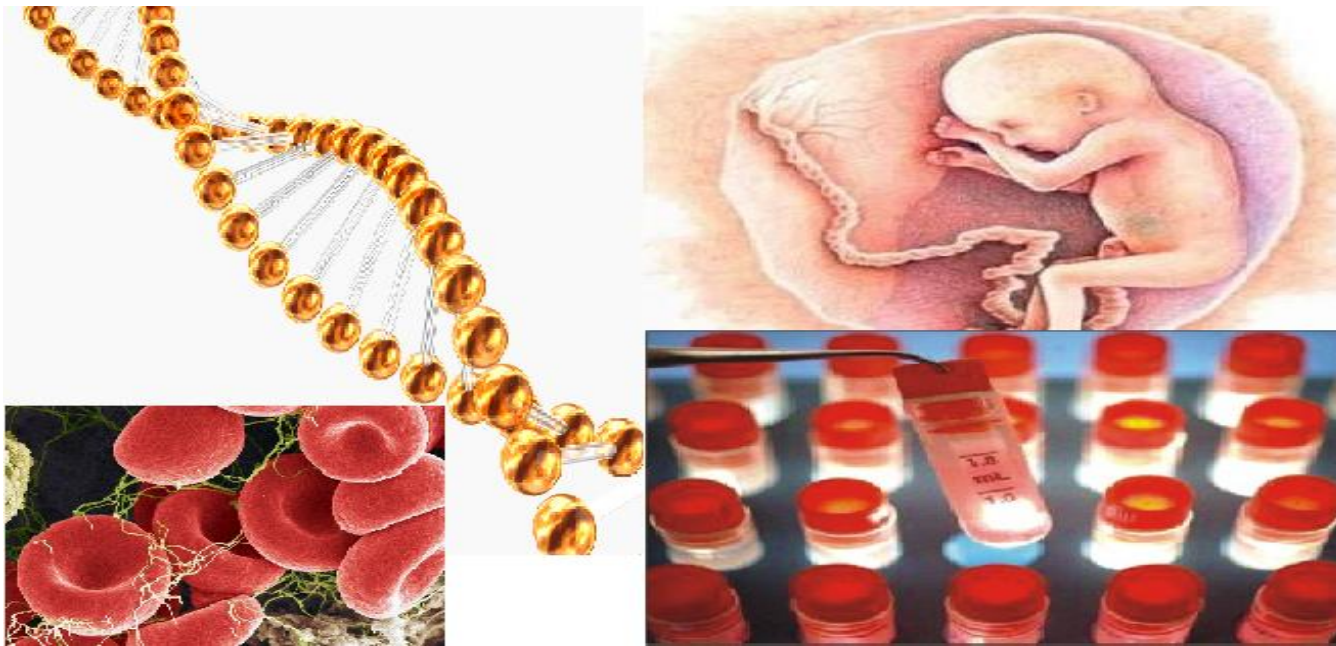


[Indian Stem Cell Banking Market: Trends & Opportunities (2012-2017)]



Executive Summary

Stem Cells have a remarkable ability to develop in various body cells of a human. These occur in the earliest stages of human development to adulthood and can be found in numerous areas of human body. Totipotent, Pluripotent, Multipotent, are different types of stem cells differentiated on the basis of level of potency. Embryonic, fetal, umbilical cord, placenta, adult are certain sources of stem cells in a human body. Also, stem cells have certain therapeutic properties, including the ability to migrate to the site of injury, ability to differentiate, and ability to self replicate.

Parkinson's diseases, diabetes, heart diseases, and cancer, etc. were said to have no effective treatments, however, biological sciences and human stem cell developments are witnessing advances and developments that have brought in hope for change. Today, stem cell banking is being witnessed as one of the most promising and emerging fields of life sciences. The stem cell banking market is further expected to witness increased significant growth as the market reach increases, regulatory approvals grow for stem cell based products and the resistance to private banks declines.

Over 170 different cord blood banking service providers are offering services in different regions of the world. This number is expected to grow significantly in the coming five years. At present, countries such as Korea, Japan, Taiwan, and Singapore, etc. have high penetration rates of stem cell banking ranging from 15% to 30%. Regions such as, US, Europe, China and India have low penetration rates of around 5%. Low population density, insufficient awareness and general

The medical tourism industry in India has been able to capture significant attention in the global market. Stem cell banking is emerging as a latest addition in the list of medical services offered in India. Despite being a novice concept, stem cell banking is still gaining popularity even in the small towns and cities of the country. The research has several promising medical applications due to stem cells ability to replace defective and damaged cell and thus, the stem cell banking business in India is anticipated to witness double digit growth in the country.

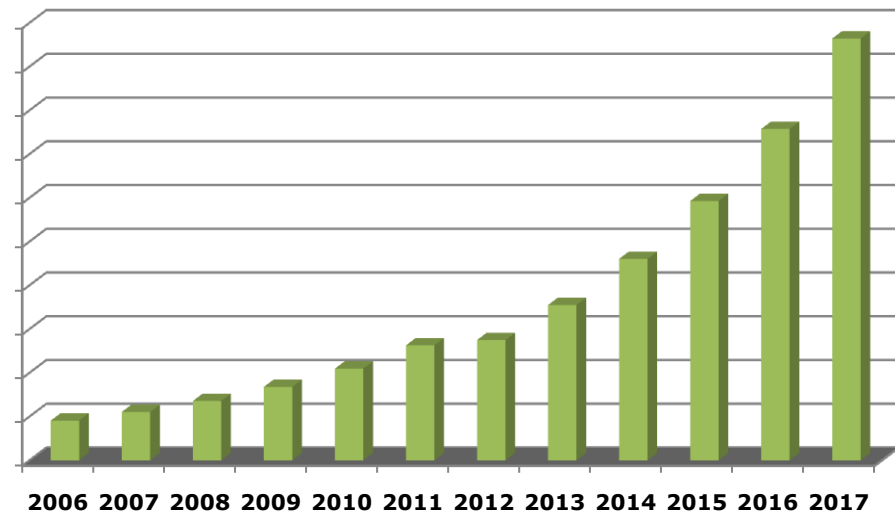
Over six private players are operating in the stem cells market of India, as India is poised to be the largest source for umbilical cord blood in the world. In the recent years, majority of transplants that took place in the country have been from stem cells derived from bone marrow. However, the trend is expected to shift from the use of stem cells from bone marrow to the use of stem cells from embryos.

EMI schemes are being offered by private players in the stem cell banking market of India. Such schemes are expected to help clients in choosing better services and easier options for banking, thus boosting growth in the stem cell banking market of India. The cost of processing and storing stem cells is one of the most critical factors affecting business in the stem cell banking market of India. Since the procurement of items not manufactured in the country leads to huge amount of payment towards taxes and duties, the cost of the process increases significantly.

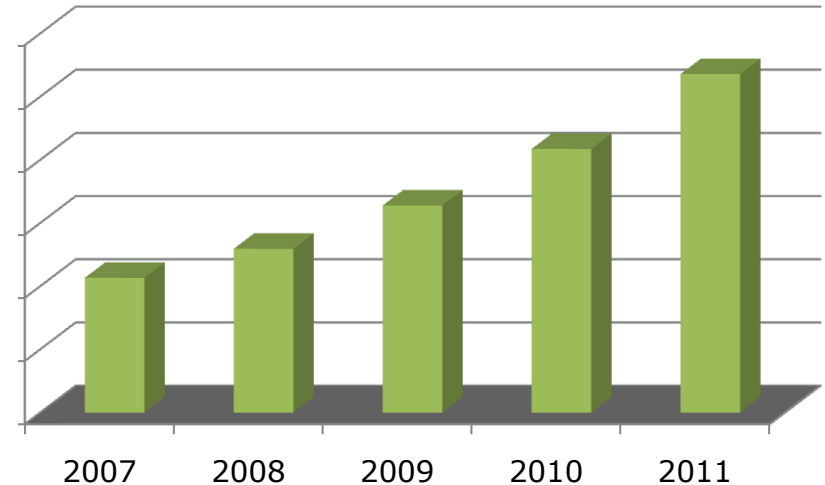
Stem Cell Banking Market: Overview

Over 170 different cord blood banking service providers are offering services in different regions of the world. This number is expected to grow significantly in the coming five years.

Global Stem Cell Banking Market Size, 2006-2011 (US\$ Billion)



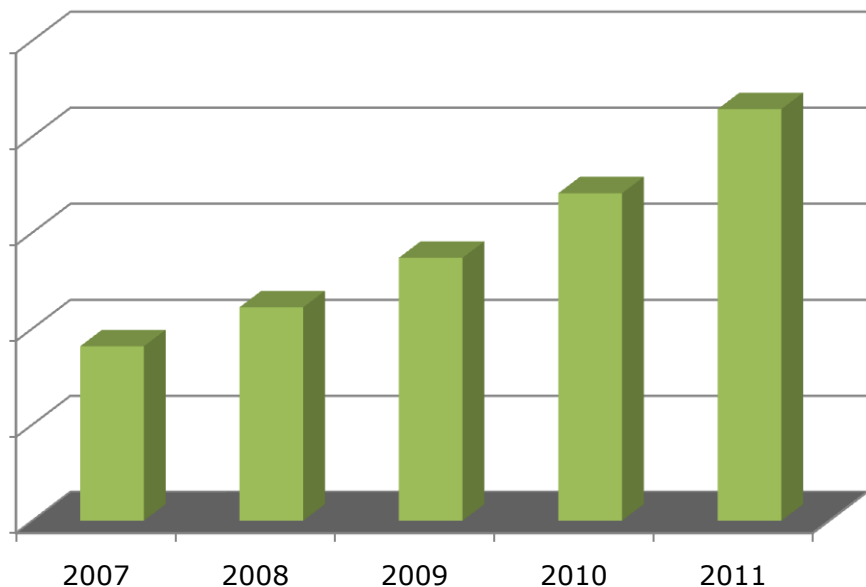
Indian Stem Cell Banking Market Size, 2007-2011 (US\$ Million)



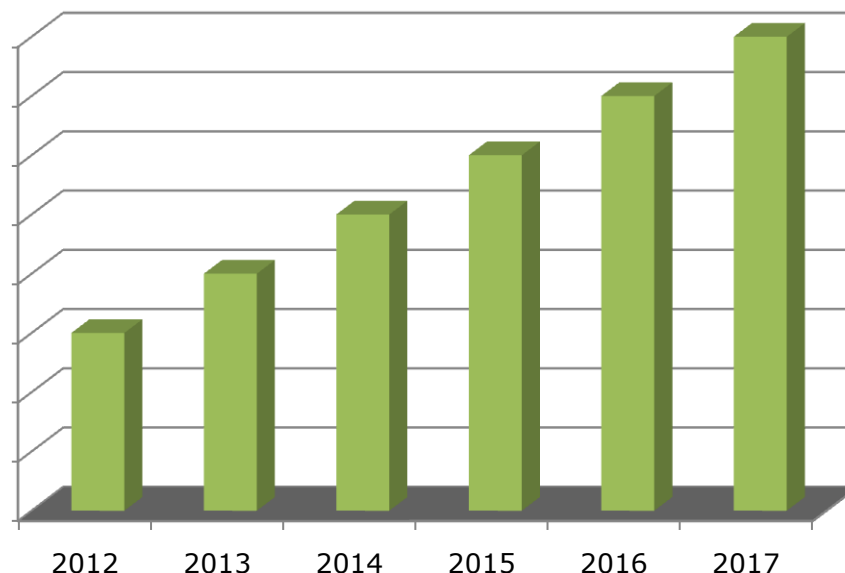
- There has been notable growth in the global stem cell banking market as well as stem cell banking market in India in the past few years. The market size is projected to reach and is estimated to grow at a CAGR of ...% for the 5 year period from 2012 to 2017.
- The major growth drivers for the stem cell banking market in India are

Indian Cord Blood Banking Market: Overview

Indian Cord Blood Banking Market Size, 2006-2011 (US\$ Million)



Indian Cord Blood Banking Market Size Forecast, 2012-2017 (US\$ Million)



- The cord blood banking segment of stem cell market in India grew at a compound annual growth rate of ...%
- The cost of processing and storing stem cells ... in India and in the United States
- The different payment options offered by stem cell service providers in the country

Market Trends

Venture Capital Investments in Stem Cell Banking Market

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Benefits for Hospitals

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Public v/s Private Stem Cell Banking in India

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