

REGENERATIVE MEDICINES

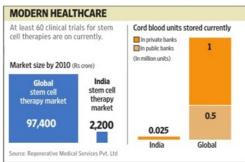
Stem cell therapy market picking up as 4 new firms look to expand

BY C.H. UNNIKRISHNAN

Regenerative medicine using human cells, a new segment in modern healthcare that has been subjected to scrutiny worldwide, from regulatory to religious, is picking up in India with at least four companies ex-panding their product base in

the nascent market.
They are Reliance Life Sciences Pvt. Ltd, LifeCell International Pvt. Ltd, Regenerative Medical Services Pvt. Ltd and Cryo-Save India Pvt. Ltd. Each of hospitals across India.

for replacement of damaged ments such as diabetes, arthriskin tissues, has been in practis, heart stroke, spinal cord inmore clinical trials are being



for Medical Research, a government agency that monitors biomedical research in India, at

Mumbai and Amrutha Hosin Mumbai and Amrutha Hosleast 15 firms, including com-mercial ventures and research

pital and Research Institute in
Kochi, among others, are offer
According to Satyen Sanghvi chief scientific officer of Mum-

some of the organizations that bryonic stem cells, ocular stem ious diseases.

cells extracted from the same patient or biosuitable alternative human sources, targets diseases which are either incuruesed by doctors and hospitals tional Inc. of the US for cord able or with no complete or effective treatment available in specializing in blood cancer and other blood-related disorthe traditional healthcare system. Since this therapy is based ders as an effective treatment solution. According to him, as Ramachandra Medical College on the concept of regenerating damaged cells in the injured or cell therapy with the advent of Abhaya said LifeCell has also of cell types), their potential limb ischemia, a severe ob-

them is offering cell culture and supplying it to select specialty General of India. The recent Country's largest stem cell soluospitals across India. government decision to allow tions provider by number of cli-Even though these firms have patenting of micro-organisms ents. It is currently involved in been developing this technology for the past few years, Indian creased awareness about cord clinical applications.

creased awareness about cord clinical applications. It offers umbilical cord blood cell banking are giving a bloost to the new therapy.

According to Indian Council College in Chennai, Kokilaben Aleast 12,000 clients have Dhirabbel Ambeid Honging Control of the control of the

institutions, are planning to enter this space. ing stem cell therapy. bai-based Regenerative Mediter this space. Stempeutics Research Pvt. Ltd, Nichi-In Centre for Regenerative Medicine, state-owned Centre for Cellular and Molecular Biology, LV Prasad Eye Institute, Chennai, National Centre for Cell Science, Pune, and Manipal Hospital, Bangalore are some of the organizations that

have reached advanced stages of clinical trials of regenerative medicines, using stem cells.

Stem cell therapy, using bio
Wayur Abhaya, executive disorder tels, octain stem cells, haematopoietic stem cells cells, haematopoietic stem cells cells, haematopoietic stem cells cells, haematopoietic stem cells cells planning to introduce bone marrow aspirate concentrate technology in association with Harvest Tech-

disease-affected areas of the body, it is called regenerative can differentiate into a variety vest Therapeutics on critical Tissue engineering, another use is being investigated in tis-regenerative medicine system sue regeneration too for ail-decreases blood flow to the tice for burn therapy in India jury and multiple sclerosis.

Besides these clinical applitings, apart from the proposed At least 60 clinical trials for stem cell therapies are under way currently and many more trials will start soon with the

Publication: MINT (DELHI) : August 25, 2009 Date

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