

Babycell sets new healthcare standards internationally

Summary: Regenerative Medical Services Pvt. Ltd. (Babycell) – Chief Scientific Officer, Mr. Satyen Sanghavi's contribution to the renowned conference [Cord Blood World Europe Congress 2016](#) which welcomed cord blood banking and transplant experts from across the world.

London, 23rd May 2016 – [Regenerative Medical Services](#) achieved another international milestone by being a part of the Cord Blood World Europe Congress 2016. RMS - CSO Mr. Satyen Sanghavi was invited as one of the esteemed speakers at [Cord Blood World Europe Congress 2016](#) which welcomed an audience of over 200+ scientists and doctors from various areas in the stem cells, regenerative medicine and cord blood community across the globe. Babycell was the only cord blood bank representing India, and this marked a new achievement under the Make in India initiative.

During his talk about cord blood processing techniques at the conference, he gave an insight on test performed on each Cord Blood unit at the time of cryopreservation, demonstrating the potency and future usability of the Cord Blood unit. Mr. Satyen Sanghavi stated the technology used by Babycell ensures high quality and filtering of specimen at every level of cord blood processing to ensure they are usable at the time of need. Ideally sterility test, CFU and HLA along with other tests, are most important at the time of preservation. In the CFU test a small portion is observed under controlled conditions to see if stem cells divide and form colonies. Earlier it used to be a subjective measure, but recently it has become standardized with technology to image the cells and count colonies in the image. The test takes 14 days for colonies to grow; therefore it is advised to perform the test at the time of preservation. HLA Typing was also a key aspect in the conference discussion. HLA means Human Leukocyte Antigens, which are found on the surface of various types of nucleated cells in the human body. In the human anatomy, they are akin to an "identity card", inherited from one's parents. The best potential for an HLA match is within the family. In case of a Cord Blood Transplant 4/6 is a suitable match. Experts advised HLA Typing should be a mandatory pre-cryo test to save time during transplantation.

Babycell™ is the only cord blood bank in India that performs the CFU assay and HLA Typing at the time of preservation and provides the test results along with client's Cryopreservation Certificate



Other highlights for the event include scientific representations and importance of cord blood and stem cell therapy to treat an array of incurable diseases by Prof. Elaine Gluckman, who performed the first ever cord blood transplant in 1989 to treat Fanconi's Anemia, a type of blood cancer and Dr Joanne Kurtzberg, who spoke about cord blood and emerging treatment options for previously incurable diseases. Dr. Wise Young who spoke about role of cord blood stem cells in treating spinal cord injuries, this being a major cord blood stem cell breakthrough. While discussing how to tackle issues that limit use of cord blood transplant, two reasons to doubt are expertise and cost, despite the high success ratio and better recovery results of cord blood transplant, Babycell launched Sibling Program in 2013 to continually support and contribute to Indian society and overcome these issues by providing required cord blood transplant support.

About Babycell –

Babycell is a leading **Umbilical Cord Blood Stem Cell Bank** in India. Babycell's collection, processing and storage procedures maintain the best standards in the **stem cell storage** industry with internationally acclaimed accreditations including GMP, GLP, GCP and ISO 13485:2003.