Child Dentistry Provides Life-Saving Medicine

Discarded Primary teeth have been found to be an excellent source for adult stem cells, which could potentially be used to treat a growing number of severe illnesses and injuries, including cancer and heart disease. A new company has been founded to provide preservation service for these cells.

Austin, TX (PRWEB) June 20, 2006 -- BioEDEN, Inc. is the first company of its kind anywhere in the world open for business in response to overwhelming public interest in new source of stem cells.

The stem cells found in children’s primary teeth are a viable, ethical, and morally non-controversial alternative to the possibilities offered by embryonic stem cells. BioEDEN, Inc. was founded to bring this exciting technology to the American public at an affordable price, and to allow for the promise of a better future. World health care is moving toward personalized medicine where treatment is customized for each individual, and the use of stem cells found in children’s primary teeth to treat debilitating conditions is a significant step toward that goal.

According to President Jeff Johnson, the process is simple: “When your child’s tooth begins to loosen, call us. We will send you a kit with processing instructions, and make arrangements to have the tooth transported to our facility in Austin, Texas where the cells contained in the tooth will be removed and stored in a special process that keeps them viable for the future.”

“Stem cell research is the most promising path to curing many severe diseases and disabling medical conditions. For stem cell therapy to work, however, it is imperative that the source of the stem cells be compatible with the recipient. We are not a public cell bank like umbilical cord blood banks. We isolate and store cells and return them to the original donor if they are ever needed. This way you don’t have to worry about communicable diseases, tissue rejection, or immunosuppressive therapy. You get your own cells back and nothing else.” It is critical that the cells be extracted quickly after the tooth falls out, and there are only 12 teeth that can be used for this process--not every tooth contains cells with this potential.”

BioEden is registered with the FDA, and it is the first fully-operational processing laboratory and storage bank for primary teeth stem cells to open in the U.S. Their state-of-the-art facilities are located in Austin, Texas, and will serve children and their families nationwide. BioEden is also the only cell storage facility willing to guarantee their services.

Dr. Songao Shi, Principle Investigator of the Dental Biology Unit at the National Institute of Health identified adult stem cells in primary children’s teeth in 2003. Progenitor cells discovered include adipocytes, osteoblasts, chondrocytes, and mesenchymal stem cells. These types of cells are all being investigated for their ability to therapeutically treat many human diseases including heart disease, bone regeneration, and most promisingly neuronal degenerative disorders such as Alzheimer’s, Parkinson’s, and spinal cord injury.

To learn more, visit http://www.bioeden.com.

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