

April 2008

# Stem Cell Focus

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## Amazing recovery attributed to umbilical cord blood stem cells

A Sacramento, USA boy suffering from an incurable condition may be living proof that umbilical cord blood stem cells can have remarkable results.

Dallas Hextell was already a miracle to his parents Cynthia and Derek, after spending three years trying to conceive.

The joy of Dallas' birth was met with gradual heartbreak as he was unable to feed from his mother, constantly crying and barely opening his eyes.

At only 8 months old, Dallas was diagnosed with Cerebral Palsy.

She said the cost of saving Dallas' cord blood was off-putting, but decided she would rather spend the money and never have to use it than save the money and regret it later. "Literally, it took us until two weeks before our due date to make the final decision because it is expensive," said Cynthia.

After Dallas' diagnosis, the Hextells traveled to Duke University where doctors were using cord blood as part of a clinical trial to treat a small number of children with Cerebral Palsy or brain damage. After speaking to some of the parents and hearing of the

*Five days after the procedure, Dallas said his first word "mama".*

Cerebral Palsy is a group of non progressive disorders that affect a person's ability to move and to maintain balance and posture. There is no known cure for Cerebral Palsy and the treatments to help manage its debilitating effects, make it the second most expensive developmental disability to manage over a person's lifetime.

At 18 months old, Dallas' physical development was closer to that of an 8 month old. He couldn't wave, or clap or crawl. He didn't talk or even babble and only communicated with screams.

During her pregnancy, Cynthia made the decision to privately bank her child's umbilical cord blood stem cells.

improvement in the children since having the stem cell transplant, the Hextells agreed to infuse Dallas' own stem cells back into his blood stream last July. The procedure took less than an hour.

Just 5 days after the procedure, Dallas said his first word "mama". That was quickly followed by laughing and learning to wave.

"That's the best feeling in the world to hear your little kid laugh," said Dallas' dad Derek. "He never laughed before."

"Before he went to Duke, we were trying to teach him to use a walker," Cynthia said. "Now he walks with no assistance at all."



Dr Nancy Synderman, NBC News' chief medical editor said, "...I think it's an extraordinary reminder that cord blood, that stuff that is thrown away with the placenta in the emergency room as a sort of medical waste, can have extraordinary applications."

Said Cynthia, "They're like gold."

To view media reports about Dallas and his amazing journey and read other other medical articles please visit our website [www.cellsense.com.au](http://www.cellsense.com.au) .

To answer all your questions about stem cell preservation towards your child's future health and to register, call Cellsense TOLL FREE on 1800 005 541 or visit us at [cellsense.com.au](http://cellsense.com.au)

# About Cellsense



When you are choosing a cord blood bank, cost is not likely your greatest concern. What is probably most important to you is choosing the company you can trust to preserve the cord blood should you need it.

Thousands of families have turned to Cellsense for our experience, expertise and integrity. We have the only Australian cord blood collection kit that is included in the Australian Register of Therapeutic Goods (ARTG:149507), which compliments our Therapeutic Goods Administration (TGA) License (MI-16062006-LI-001329-11).

Additionally, Cellsense provides the kind of quality and service that you deserve, at a rate that is the lowest in Australia, with no hidden fees.

The one-off cost encompasses all our services, from the collection kit to the guaranteed cryo-preservation of your baby's cells for 18 years. We understand that starting and expanding your family can be a financial strain, so we have developed alternative payment options and are happy to discuss these with you.

Cellsense stays with you from first contact through every step of the process. We are open about everything we do and our highly qualified Healthcare Specialist staff provide honest answers to all questions.

In conjunction with the Sydney Adventist Hospital (SAH), Cellsense delivers elite processing, testing, verifying and cryo-preservation of your baby's collected stem cells. The technically advanced SAH laboratory monitors your cells 24 hours a day, 7 days a week. Operating under the strictest guidelines and with the highest accreditations, there is no safer environment for your baby's cord blood.

As part of the Cellsense 'community', families receive continued support post-pregnancy, stem cell technology research and development updates and referral benefits.

## Why should I store stem cells derived from my baby's cord blood?

Cord blood stem cells are being used successfully for treatments today and could be helpful for regenerative medicine in the future. They are a perfect match for the child from whom they originate and are capable of developing into almost all cell types. Be assured, we bank 100% of your baby's extracted stem cells and ensure these cells are available only with your permission.



## See us at the PBC EXPOs in 2008

To receive FREE Entry Passes please contact us in 1800 005 541.

**Sydney 16-18 May**  
Sydney Showground Dome,  
Sydney Olympic Park

**Brisbane 27-29 June**  
Brisbane Convention & Exhibition  
Centre, South Bank

**Perth 15-17 August**  
Claremont Showgrounds,  
Claremont

**Melbourne 17-19 October**  
Melbourne Exhibition Center,  
Southbank

## Four Easy steps to store your baby's cord blood with Cell Sense.

### 1. Register Today

To help give you peace of mind, we recommend registering with us well in advance of your due date; in case of early delivery, you will be prepared with the collection kit. To make the process as smooth as possible, visit us at [www.cellsense.com.au](http://www.cellsense.com.au) or call us Toll Free on 1800 005 541 to speak with one of our Healthcare Specialists. Whether enrolling online or over the phone, please send us your completed forms either by Faxing them to: 03 9541 9292 or mail to PO BOX 330, MOUNT WAVERLEY VIC 3149.

### 2. Despatching your Kit

During the 35th week of your pregnancy we will process your chosen payment option. We will send you the Cellsense medical collection kit which is equipped to ensure maximum viability of your precious cells. Cellsense will formally notify your Doctor and Hospital of your intention to store your baby's cord blood or arrange a Cellsense midwife to perform the collection at no extra cost.

### 3. Notifying us to organise a courier

Once your baby is born and the cord blood, is collected, telephone us on 1800 005 541 or 0409 799 907 (Anytime day or night). Your collection kit will be picked up and taken directly to our state-of-the-art cryogenic laboratory, for immediate processing and storage. Our courier is the number one transporter of diagnostic specimens in Australia.

### 4. Relax and enjoy your baby

You will receive a call from Cellsense informing you of the volume of cord blood collected and the success of the process. You will receive a letter detailing the volume stored, your laboratory reference number and confirmation your sample has been stored securely. Your baby's cord blood stem cells are then available to you at any time in the future, should you need them.

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