

News from Essential Pharmaceuticals

Breaking News

Essential Pharmaceuticals, LLC, has acquired exclusive worldwide rights for the sale, distribution and further research and development of Liforcell® from Lifeblood Medical, Inc. Liforcell is a **unique animal-component-free cell culture medium** used in medical and research facilities as a **fetal bovine serum replacement**, as well as for the cryopreservation and transport of tissue.

Liforcell offers researchers the advantage of superior performance compared to fetal bovine serum. It is free of all animal components and dimethyl sulfoxide (DSMO), does not crystallize or form ice during the thawing process, and has demonstrated synthetic reproducibility with no lot-to-lot variability. Tissue specimens preserved with Liforcell have less DNA and RNA degradation and fewer artifacts than those preserved using conventional methods, allowing for more efficient and safer tissue preservation than traditional methods.

[To read more about the new products, click here.](#)

Ask the Experts

An open forum for transplant professionals at
www.QuestionSolution.com

We invite you to visit our interactive forum which provides a platform for questions and expert answers from your medical peers and professionals that have expertise in the organ preservation solution arena.

The expert panel (who will answer and monitor questions and answers for clarity) consists of the following highly esteemed transplant surgeons:

[Dr. Richard Mangus, Indiana University](#)

[Dr. David Mulligan, Mayo Clinic](#)

[Dr. James Eason, Methodist University Hospital](#)

[Dr. Bijan Eghtesad, Cleveland Clinic](#)

Explore the forum to learn more - we believe that peer to peer education is "essential".

Win a Kindle!

[>> FORWARD](#)

Use the link above to forward this newsletter to a colleague. If they sign up for our newsletter, **BOTH you and your colleague will be entered** in a random drawing to win a Kindle, Amazon.com's wireless reading device.

Did You Know?

Basic Cost Comparison

UW \$320/L vs HTK \$191/L

Additives needed for UW and SPS. No additives needed for HTK.

SPS \$270/L vs HTK \$191/L

Additives needed for UW and SPS. No additives needed for HTK.

**Custodiol is now on
Facebook - join us!**



News from the Transplant Community

One Death, Many Lives

By: Sam L. Marcelo

Source: Business World Online

[This article discusses the trials and tribulations of trying to become an organ donor in the Phillipines, specifically kidney donations.]

...Once consent is secured, I will be subjected to several laboratory tests, which can take up to four hours. The team will test for HIV, hepatitis B and C, and any other conditions that might be passed on to the recipient. People with tattoos (like me) can still donate, as long as the ink didn't come with any blood-related diseases. An ultrasound of my kidneys will also be ordered, especially if the cause of death was a vehicular accident...

...If, on the other hand, my body is in a hospital located outside of Laguna, the team has to do the retrieval there and bring the organs to NKT1. The retrieved kidneys are placed in a canister filled with **Custodiol**, a preservation solution; packed in an ice chest (most probably of the Coleman brand); and flown commercial along with the retrieval team since, unlike those hospitals in TV medical dramas, NKT1 doesn't have any helicopters on standby.

According to its web site, HOPE recovers mainly kidneys (viable up to 48 hours after retrieval and the most commonly transplanted organ), pancreas and liver (liver transplants are costly and only one or two are performed annually).

[To read the full article, click here.](#)

Livers Grown in the Laboratory Could Eventually Solve Organ Transplant Shortage

By: Richard Alleyne

Source: Telegraph.co.uk

Made-to-measure organs for transplantation are a step closer to reality after scientists grew miniature human livers in the laboratory.

[To read the full article, click here.](#)

Community and Patient Sponsorships

Essential Pharmaceuticals is proud to have recently sponsored the following events:

[2010 Donor Network of Arizona Donor Family Gathering](#)

More than 450 family members attended the 11th annual Donor Family Gathering on October 23, 2010. Special thanks to Essential Pharmaceuticals for their continuing support which has allowed us to honor and remember these donor heroes and families and advance the mission of donation.



In gratitude,
Marcel Pincince
Manager, Donor Family and Advocate Services
Donor Network of Arizona

[Indiana Organ Procurement Organization \(IOPO\)](#)

Over the past 6 years Essential has been a valued partner in helping us in our educational efforts at IOPO through the IOPO Fore Life Open – Golf Outing. This year Essential increased their contribution to help support over 50 volunteers to make sure our guests are well and the day runs smoothly. Essential is a valued partner who assists us in educating Indiana on the importance of organ, tissue & cornea donation.



Ken Sheetz, IOPO Director of Fund Development
Kim Charles, IOPO Community Relations Coordinator

Where to Find

[ASTS Annual State of the Art Winter Symposium](#)

Essential will be exhibiting at the ASTS 11th Annual State of the Art Winter Symposium 2011 in Hollywood, Florida from January 13-16, 2011.



[STS 47th Annual Meeting](#)

Essential will be exhibiting at the STS 47th Annual Meeting, Jan. 31-Feb. 2, 2011 at the San Diego Convention Center.

