

News from Essential Pharmaceuticals

Recent Studies

Severe Hyponatremia in Deceased Liver Donors Does Not Impact Early Transplant Outcome

by Richard S. Mangus, Jonathan A. Fridell, Rodrigo M. Vianna, Martin L. Milgrom, Paul Chestovich, Chelsea Vandenboom, and A. Joseph Tector

There may be an increased risk of primary nonfunction in livers procured from donors with hyponatremia. The purported mechanism for this effect is undefined. This study analyzes early graft function for donor livers procured from patients with severe hyponatremia.

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

Recent Publications

According to a recent publication by the Institute of Safe medication practices (www.ismp.org)



Confusion between organ preservation solutions (i.e., VIASPAN and SPS-1) and IV containers (7)

Problem: Cold storage solutions used to preserve harvested organs are available in plastic bags that resemble IV bags and also contain a port that will accommodate IV tubing. An organ procurement team left a liter bag of ViaSpan in a hospital where it was later returned to the hospital's pharmacy with other IV solutions. Inadvertent IV administration of organ preservation solution would cause cardiac arrest due to the high amount of potassium.

Recommendation: Alert operating room staff of the possibility for mix-ups between organ preservation solutions and IV containers. If organ preservation solutions are routinely stored at your hospital, sequester the solutions away from other IV solutions and apply auxiliary warning labels to the outerwrap noting that this concentrated electrolyte solution is to be used only for the storage or flushing of harvested organs.

Note: [Custodiol® HTK does NOT contain high levels of Potassium.](#)

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.

Ask the Experts

An open forum for transplant professionals
Coming Soon!

This interactive forum will be solely devoted to your 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) will consist 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](#)

This interactive site will provide for peer to peer education. It will allow you to post a question, answer a previously asked question should you know the answer, and will be monitored for content and clarification purposes by an Organ Preservation Solution expert.

We believe that peer to peer education is "essential".

News from the Transplant Community

Each newsletter will contain a Transplant Industry/Human Interest Story

Organ Transplant Preservation Proposal Hits Roadblock

By: Kafi Drexel for NY1

While most people deaths occur outside the hospital, making it almost impossible to save their organs for transplant, a city doctor has been leading a team of experts in creating a pilot program for an organ preservation vehicle.



As the chairman and director of emergency medicine at the New York University School of Medicine and Bellevue Hospital Center, Dr. Lewis Goldfrank says all too often he sees patients die waiting for organ transplants.

Once the heart stops, organs begin to deteriorate rapidly, but doctors now know organs can remain viable if they can be supplied with oxygen-rich blood in the field. For the past three years, Goldfrank has been working on a pilot program to test out an organ preservation vehicle.

Already proven to work in countries like France and Spain, the vehicle would respond to in-home emergencies where a donor already on the registry cannot be revived. Experts say if the plan is replicated in other cities, it could have an enormous impact.

Recent Medical Meeting Sponsorships

Essential Pharmaceuticals supports the Transplant Community at various medical meetings throughout the year.

July 15-18, 2010 Texas Transplantation Society's 2010 Annual Scientific Meeting



Community and Patient Sponsorships

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

IOPO Fore Life Open



Essential Pharmaceuticals was a corporate sponsor for the recent "Fore Life Open" [Indiana Organ Preservation Organization](#) (IOPO) Golf Outing which raises money to further the advancement of organ donation throughout Indiana.

Joshua Harr Shane Foundation Golf Outing



Essential Pharmaceuticals recently sponsored a foursome at the 9th Annual [Joshua Harr Shane Foundation](#) (JHSF) Golf Outing. JHSF raises money for the community; to help those in need of care, support, assistance and love, and those less fortunate.

Where to Find

Case Reports in the Sun

September 9-12, 2010

<http://www.floridaperfusion.org>

American Society for Reconstructive Transplantation (ASRT)

November 18-20, 2010

<http://www.a-s-r-t.com>



(Note Essential Pharmaceuticals is founding corporate sponsor.)