

## *Celsior Solution*







**Celsior Solution**

Description. Clear to slightly yellow, sterile, non-pyrogenic solution for hypothermic flushing and storage of hearts. The solution is slightly acidic (approximate pH 7.3 at 20°C), slightly hypertonic (approximate calculated osmolarity 320-360 mOsmol/L) with low viscosity (1.15 cSt), and has a high buffering capacity (acidic approximately 11 mmol,...

**CELSIOR COLD STORAGE SOLUTION - WTRS**

The organ must be completely covered by the solution. The container used must be sealed aseptically. Care should be taken to transport the stored organ within its containers aseptically; i.e., the inside of the organ storage container and its contents should remain sterile.

**CELSIOR Genzyme - Modern Medicine**

As of March 10, 2014, Celsior Solution was acquired by Institut Georges Lopez, SARL. Celsior Solution comprises a solution for preservation of solid organs, including heart, lung, kidney, liver and pancreas. It is used after the removal of the organ from the donor and during storage and transportation of the organ, until transplantation. , France.

**Celsior Solution: Private Company Information - Bloomberg**

An indirect comparison using data from the main analysis revealed no difference between the Celsior and Custodiol solutions (RR, 1.88; 95% CI, 0.57-6.16). Conclusion The Celsior and Custodiol solutions performed similarly to UW solution as preservation solutions in liver transplantation clinical settings.

**Celsior Vs. Custodiol | Custodiol HTK**

Celsior® Organ Preservation Solution Sodium Hydroxide / Lactobionic Acid / Mannitol / Histidine 100 mmol - 80 mmol - 60 mmol - 30 mmol / Liter Flush / Cold Storage Solution Flexible Bag 1 Liter Waters Medical Systems 62053091399

**Waters Medical Systems 62053091399 - McKesson Medical-Surgical**

Celsior®- is a new organ preservation solution based on Gluthathion and Lactobionate, containing low potassium concentration. The effect on ischemia and reperfusion of the lung is currently not known. Therefore we compared the efficacy of celsior in lung preservation with Euro-Collins (EC) solution ...

**Celsior®-a preservation solution for lung transplantation ...**

Celsior solution (CS), which has recently become available, that might theoretically offer a new means for improving graft preservation quality. The present prospective, randomized study was designed to evaluate the efficacy of CS compared with University of Wisconsin (UW) for pancreas allografts.

**Celsior Versus Wisconsin Solution in Pancreas ...**

The Celsior solution was originally developed for heart preservation , and Perfadex was developed for lung preservation . Perfadex was gradually introduced after its original development two decades ago, despite the superiority of the experimental results obtained from this solution compared with other solutions ( 2 ).

**Comparison of Celsior and Perfadex lung preservation ...**

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We strive to be the worldwide reference in organ preservation technologies. Our work is inspired by our commitment to consistently meeting customer and regulatory requirements, to delivering quality products and to providing an innovative and comprehensive offer for organ preservation.

**Groupe IGL | Organ Preservation Technologies**

Celsior Versus Custodiol: Early Postischemic Recovery After Cardioplegia and Ischemia at 5°C  
Juergen Ackemann, MD, Wolfgang Gross, PhD, Martin Mory, MD, Michael Schaefer, PhD, and Martha-Maria Gebhard, MD Department of Experimental Surgery, University Hospital, Heidelberg, Germany

**Celsior Versus Custodiol: Early Postischemic Recovery ...**

Product Name: Celsior®. Synonym(s): Cold Storage Solution. Product Use: Celsior® is intended for flushing and cold storage of organs at the time of their removal from the donor in preparation for storage, transportation, and eventual transplantation into a recipient.

**1. Product and Company Identification - WTRS**

Thus, Celsior solution is currently used by some clinical lung transplant programs in France [8,17]. Celsior is an extracellular type solution that showed remarkable results in various isolated rat lung models [7,8]. Franke and co-workers presented data from a porcine 24 h ischemia lung transplantation model comparing LPD and Celsior solution.

**Pulmonary preservation with LPD and celsior solution in ...**

Since the introduction of UW preservation solution in 1987, other effective preservation solutions have been developed for static cold storage of abdominal donor organs, including histidine-tryptophane-ketoglutarate (HTK), Celsior, and Institut Georges Lopez-1 solution.

**Preservation Solution - an overview | ScienceDirect Topics**

INDICACIONES TERAPÉUTICAS: CELSIOR ® es una solución para lavado y conservación de órganos torácicos y abdominales (riñón, hígado, páncreas, pulmón, corazón) hasta el trasplante. Se puede utilizar desde la remoción del órgano del donante, así como durante el almacenamiento, transporte y hasta el trasplante en el receptor.

**CELSIOR - medicamentosplm.com**

Key Executives for Celsior Solution. The information and data displayed in this profile are created and managed by S&P Global Market Intelligence, a division of S&P Global. Bloomberg.com does not create or control the content. For inquiries, please contact S&P Global Market Intelligence directly by clicking here.

**Celsior Solution: CEO and Executives - Bloomberg**

Abstract. Celsior, a new preservation solution in thoracic organ transplantation was evaluated for efficacy in cold preservation of human hepatocytes and compared with University of Wisconsin solution (UW) and histidine-tryptophan-ketoglutarate solution (HTK, Custodiol).

**Celsior solution compared with University of Wisconsin ...**

Preservation solutions. Euro Collins (EC) solution was designed in the 1960s and considered the preservation solution of choice for over 15 years until organ preservation was revolutionized by the introduction of University of Wisconsin (UW) solution in 1988 (). However, the high molecular weight compounds within UW such as hydroxyethyl starch (HES) resulted in a highly viscous solution that ...

**Preservation solutions for cardiac and pulmonary donor ...**

On the following month, 23 days after celsior exposure, the pt experienced hepatic artery thrombosis and biliary duct necrosis. Donor recovery was performed by the conventional technique. Donor livers were perfused in situ by gravity with celsior solution at 4 degrees c.

**MAUDE Adverse Event Report: GENZYME POLYCLONALS S.A.S ...**

Celsior is a recently developed extracellular-type, low-viscosity (due to the absence of HES) preservation solution that couples the impermeant, inert osmotic carrier from UW solution (by using lactobionate and mannitol) and the strong buffer from Bretschneider HTK solution (by using

histidine).

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