Belzer UW® Solutions
from Bridge to Life™

Proven Solutions. Purposeful Innovation.
Uncompromising Quality.

Committed Partner to the Transplant Community

Supply Agreements in Place with Multiple US Based Manufacturers

60 DAYS

Minimum Inventory Levels of 60 days Assured to Protect from Shortages

Aseptically Manufactured in the US Using High Quality Bags to Prevent Product Failure in Critical Situations

Peelable Barcode Stickers – Saves Time and Avoids Errors

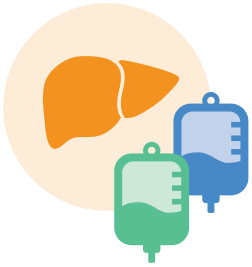
To order contact your local representative or orders@B2LL.com

Belzer UW® Cold Storage Solution
The Gold Standard for Static Organ Preservation

- First choice for long cold ischaemia times[2]
- Protection against edema
- Protection against Ischemic Reperfusion Injury
- No need to filter before use
- Suitable for hypothemic storage of kidney, liver, and pancreas
- Low flush volume – less to transport and reduces costs
- High thermal capacity – cools organ quickly
- Remains the standard to which others are compared[3]

A propensity score matched analysis of liver transplantation outcomes in the setting of preservation solution shortage

How do different graft preservation solutions impact outcomes in deceased donor liver transplantation?



Retrospective review, OPTN data (Jan '19-Jun '22)

Preservation solution:

HTK — Histidine-tryptophan-ketoglutarate

vs

UW — University of Wisconsin

Outcomes assessed:
- Rate of primary nonfunction
- 90-day graft survival
- 90-day patient survival

Compared to UW, use of HTK solution was associated with:

- Higher rate of primary nonfunction
- Lower 90-day graft survival
- Lower 90-day patient survival

AJT

Preston et al — *Created by the AJT Editorial Office* — ajt.2023.10.028

Belzer MPS® UW Machine Perfusion Solution
For Machine Perfusion and Preservation of Explanted Organs

- Protection against edema
- Protection against Ischemic Reperfusion Injury
- Can be used for Hypothermic Machine Perfusion on a range of Perfusion systems
- Less viscous and lower potassium than Belzer UW® Cold Storage Solution

BRIDGE TO LIFE™
Advancing the Standard of Organ Preservation

Belzer UW™ Solutions

Belzer UW® Cold Storage Solution

Belzer UW® preservation solutions used in over 2,400 clinical trials[1]

Usage: Belzer UW® Cold Storage Solution is intended for flushing and cold storage of kidney, liver, and pancreas organs at the time of their removal from the organ donor in preparation for storage, transportation and eventual transplantation into a donor recipient.

Description: Belzer UW® Cold Storage Solution is a sterile non-pyrogenic solution with approximate calculations as follows:

- Sodium concentration of 29 mEq/L
- Potassium concentration of 125 mEq/L
- Osmolarity of 320 mOsm
- pH of 7.4 at 20°C

Storage: Store Belzer UW® Cold Storage Solution at temperatures between 2°–25°C (36°–77°F).

Belzer MPS® UW Machine Perfusion Solution

Used in multi-national COPE, HOPE, and DHOPE studies

Usage: Belzer MPS® (UW Machine Perfusion Solution) is intended for the *in-vitro* flushing and continuous hypothermic machine perfusion preservation of explanted abdominal organs.

Description: Belzer MPS® is a clear to straw-colored, sterile, non-pyrogenic solution for the *in-vitro* flushing and continuous perfusion of explanted abdominal organs. This solution is consistent with an extracellular solution, based on its sodium/potassium ratio.

- Sodium concentration of 100 mEq/L
- Calculated potassium concentration of 25 mEq/L
- Osmolarity of 300 mOsm/kg
- pH of 7.4 at 20°C

Storage: Store Belzer MPS® UW Machine Perfusion Solution at temperatures between 2°– 25°C (36°–77°F).

References:

1 uw solution - Search Results - PubMed

2 Hessheimer et al. Transplantation 2021 ,Regulations and Procurement Surgery in DCD Liver Transplantation: Expert Consensus Guidance From the International Liver Transplantation Society' DOI: 10.1097/TP.0000000000003729

3 Ramos et al. Transplantation, 2022 'Abdominal Organ Preservation Solutions in the Age of Machine Perfusion' DOI:10.1097/TP.0000000000004269

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For additional product information go to www.bridgetolife.com/products

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